

ARMY  
NAVY  
AIR FORCE

TM 11-5895-856-34-5  
EE640-CA-MMI-050/E154 CPU  
TO 31W2-2T-122-5

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**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**

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**DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE**

**27 SEPTEMBER 1983**



**5**

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

**1**

**DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL**

**2**

**IF POSSIBLE, TURN OFF THE ELECTRICAL POWER**

**3**

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

**4**

**SEND FOR HELP AS SOON AS POSSIBLE**

**5**

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

**WARNING**

**HIGH VOLTAGE**

is used in the operation of this equipment.

**DEATH ON CONTACT**

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

**WARNING**

**USE OF CLEANING SOLVENT**

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

**LIST OF EFFECTIVE PAGES**

**INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.**

Dates of issue for original and changed pages are:

Original            0

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 394 CONSISTING OF THE FOLLOWING:

Page No.	# Change No.	Page No.	# Change No.	Page No.	# Change No.
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a -----	0				
b -----	0				
i - ii -----	0				
(149012-800)					
1-379 -----	0				
Report of Errors. -----	0				

# Zero in this column indicates an original page.

**TM 11-5895-856-34-5  
EE640-CA-MMI-050/E154 CPU  
TO 31 W2-2T- 122-5**

TECHNICAL MANUAL  
NO. 11-5895-856-34-5  
TECHNICAL MANUAL  
EE640-CA-MMI-050/E154 CPU  
TECHNICAL ORDER  
TO 31W2-2T-122-5

DEPARTMENTS OF THE ARMY  
THE NAVY, AND  
THE AIR FORCE

Washington, DC, 27 September 1983

DIRECT SUPPORT AND GENERAL SUPPORT  
MAINTENANCE MANUAL  
FOR  
CENTRAL, MESSAGE SWITCHING, AUTOMATIC  
AN/TYC-39(V)1  
AND  
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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 5 TM 11-5895-856-34-5**

Card Cage Assembly, Central Processor Unit - L.H., Wire List, String (149012-800)

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 central processor unit, drawing number 149012-800. Refer to volume 1 of this series (TM 11-5895-856-34-1) for an explanation of how to use this wire list as well as other lists contained in the set.

**NOTE**

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

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

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

**CARD CAGE ASSEMBLY, CENTRAL PROCESSOR UNIT  
- LEFT HAND  
STRING WIRE LIST  
149012-800**

**NOTES:** UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATIONS.
3. REFERENCE TO SHEET 5 FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 FOR WIRE PARTS LIST.
5. ALL ABBREVIATIONS PER MIL-STD-12.
6. PARTS LIST FOR REFERENCE ONLY.

### H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

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

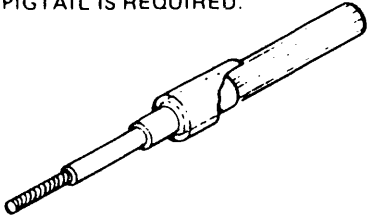


**H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS - Continued**

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

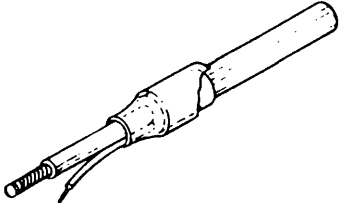
SHIELD FIGURE A

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



SHIELD FIGURE B

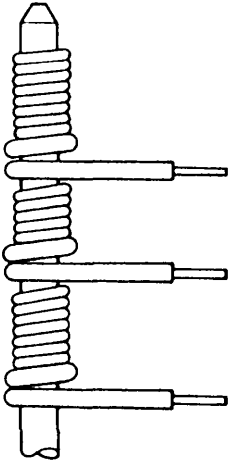
SHIELD TERMINATION FOR SHIELDED, SINGLE AND MULTIPLE CONDUCTORS, FRONT PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

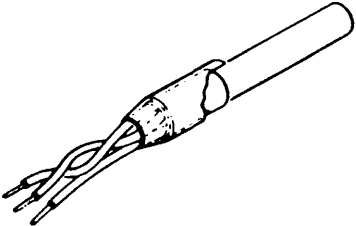
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER INDICATES LEVEL OF WIRE WRAP

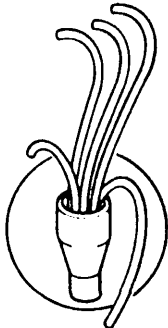
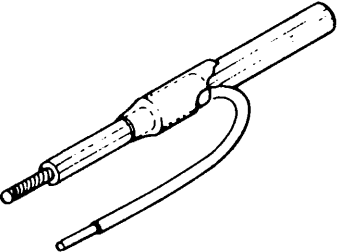
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

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

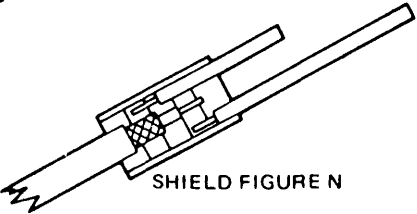
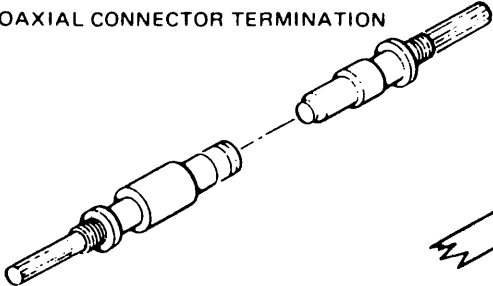


SHIELD FIGURE X

SHIELDED WIRE PIGTAILS-HYBRID

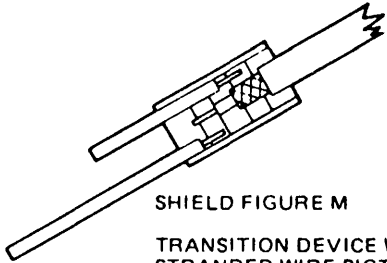
SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION



SHIELD FIGURE N

TRANSITION DEVICE WITH SOLID WIRE PIGTAILS



SHIELD FIGURE M

TRANSITION DEVICE WITH STRANDED WIRE PIGTAILS

WIRE CODE DEFINITION			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.

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

PARTS LIST		CONTRACT NUMBER		CODE IDENT	PL	REVISION			
				13973	149012-800	F.			
TITLE						SHEET			
CARD CAGE ASSY, CPU L.H. - WIRE LIST						6			
ITEM NO.	FEET OF WIRE REQD	CODE IDENT	PART OR IDENTIFYING NUMBER	DRAWING OR DOCUMENT NUMBER	NOMENCLATURE OR DESCRIPTION	REF SYM	TIMES USED	WIRE CODE	LINE REV
1.			898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		4	1BB	
2.			898042-0004		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (RED)		7	1BD	
3.			898042-0002		WIRE, ELEC, 250V, PVF INSUL 26 GAGE (WHITE)		2	1BD	
4.			898041-0023		CABLE, ELEC, TWISTED TWO CNDC, 250V, PVF INSUL 30 GAGE (BLACK, WHITE)		21	1EB	
5.			898042-0034		CABLE, ELEC, TWISTED TWO CNDC, 250V, PVF INSUL 26 GAGE (BLACK, RED)		11	1ED	
6.			898042-0023		CABLE, ELEC, TWISTED TWO CNDC, 250V, PVF INSUL 26 GAGE (BLACK, WHITE)		2	1ED	
7.			898041-0002		WIRE, ELEC, 250V, PVF INSUL 30 GAGE (WHITE)		10350	16B	
(PARTS LIST FOR REFERENCE ONLY)									

DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012 REV. E INDEX +05VCG

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

STRING

FILE IDENT T39B2CP1 DATE 09-03-82 PAGE 7

RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COL. IN	DEST.	SIGNAL	EQ. NO.	EQUATION	FUNCTION	SIGNAL DESCRIPTION
	PREFIX	CONNECTOR	PIN	SWITCH	PREFIX	CONNECTOR	PIN	SWITCH									
23307		XA107	32		XA303	74		ZE	1E0	0							001
23168		XA303	74					ZE	1E0	0			+05VCG	01		MTS	001
													+05VCG	02		EXT	001
18170		XA107	30		XA303	73		ZE	1E0	2			+05VCI	01		MTS	001
22463		XA303	73		XA303	75			168	9			+05VCI	02		EXT	
22465		XA303	75						168	9			+05VCI	03		EXT	
17958		XA104	35		XA104	37			168	9			+05VIC	00C		FXT	
17960		XA104	37		XA311	03			168	9			+05VIC	005		EXT	
00106		XA311	03		XA311	13			168	9			+05VIC	01		RR4 AP	
00108		XA311	13		XA311	21			168	9			+05VIC	02		RR4 BP	
00110		XA311	21		XA311	33			168	9			+05VIC	03		RR4 CP	
00112		XA311	33		XA311	49			168	9			+05VIC	04		RR4 DP	
00114		XA311	49		XA311	59			168	9			+05VIC	05		RR4 EP	
00116		XA311	59		XA311	69			168	9			+05VIC	06		RR4 FP	
00118		XA311	69		XA303	79			168	9			+05VIC	07		RR4 GP	
22370		XA303	79		XA303	77			168	9			+05VIC	09		EXT	MEM RST PRIME CPU
22467		XA303	77						168	9			+05VIC	10		EXT	
22394		J01	L6		XA104	27		22	1E0	2			+5AXUC	01		PWR	
17952		XA104	27		XA311	79		ZK	1E0	2			+5AXUC	02		EXT	004
00120		XA311	79		XA405	06			168	9			+5AXUC	04		RR4 HP	004
00249		XA405	06		XA405	74			168	9			+5AXUC	05		ACF	004
00721		XA405	74						168	9			+5AXUC	06		ACF	004
22393		J01	L5		XA104	28		22	1E0	0			+5AXUG	01		PWR	
00276		XA104	28					22	1E0	0			+5AXUG	02		EXT	PORT B,C
23441		XA104	32		XA311	77		ZK	1E0	0			+5AXUR	01		EXT	004
23308		XA311	77					ZK	1E0	0			+5AXUR	02		RR4 HC	004
17947		XA104	22		XA107	32		ZC	1E0	0			+5RESR	01		EXT	001
18172		XA107	32					ZC	1E0	0			+5RESR	02		MTS	001
17948		XA104	23		XA104	21			168	9			+5RES1	01		EXT	
17946		XA104	21		XA107	27		ZC	1E0	2			+5RES1	02		EXT	001
23313		XA107	27					ZC	1E0	2			+5RES1	03		MTS	001
18168		XA107	27	1	XA121	03	1		168	9			+5RE1B	001		MTS	
00010		XA121	03		XA121	13			168	9			+5RE1B	002		RR1 AP	
00012		XA121	13		XA121	21			168	9			+5RE1B	003		RR1 BP	
00014		XA121	21		XA121	33			168	9			+5RE1B	004		RR1 CP	
00016		XA121	33		XA121	49			168	9			+5RE1B	005		RR1 DP	
00018		XA121	49		XA121	59			168	9			+5RE1B	006		RR1 EP	
00020		XA121	59		XA121	79			168	9			+5RE1B	007		RR1 FP	
00024		XA121	79		XA222	03			168	9			+5RE1B	009		RR1 HP	
00058		XA222	03		XA222	13			168	9			+5RE1B	010		RR4 AP	
00060		XA222	13		XA222	21			168	9			+5RE1B	011		RR4 BP	
								****	SIGNAL			+5RE1B			IS ON THE	NEXT PAGE	****



DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012 REV. E INDEX +5RE1G

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

STRING

FILE IDENT T39B2CP1

DATE 09-03-82 PAGE

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RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLD*	WIRE	SIGNAL	REL NO	EDU TION	TYPE	SECTION	SIGNAL DESCRIPTION	I/O
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN											
23315		XA107	32			XA209	02	ZD	1E0	0		+5RE1G	01				MTS	A01
23316		XA209	02					ZD	1E0	0		+5RE1G	02				RR1	A01
23317		XA135	02			XA107	44	ZA	1E0	0		+5RE1R	01				RR1	A01
23318		XA107	44					ZA	1E0	0		+5RE1R	02				MTS	A01
23319		XA504	77			XA107	44	15	1E0	0		+5RE1Z	01				RR4 HC	A01
23320		XA107	44					15	1E0	0		+5RE1Z	02				MTS	A01
00011		XA121	04			XA135	04		16B	9		+5RE11	01				RR1 AP	
00027		XA135	04						16B	9		+5RE11	02				RR1 AP	
00025		XA121	80			XA135	80		16B	9		+5RE12	01				RR1 HP	
00041		XA135	80						16B	9		+5RE12	02				RR1 HP	
00059		XA222	04			XA234	04		16B	9		+5RE13	01				RR4 AP	
00075		XA234	04						16B	9		+5RE13	02				RR1 AP	
00073		XA222	80			XA234	80		16B	9		+5RE14	01				RR4 HP	
00089		XA234	80			XA342	04		16B	9		+5RE14	02				RR1 HP	
00123		XA342	04						16B	9		+5RE14	03				RR4 AP	
00186		XA430	80			XA439	80		16B	9		+5RE18	01				RR1 HP	
00202		XA439	80						16B	9		+5RE18	02				RR1 HP	
00188		XA439	04			XA343	80		16B	9		+5RE19	01				RR1 AP	
00153		XA343	80			XA342	80		16B	9		+5RE19	02				RR1 HP	
00137		XA342	80						16B	9		+5RE19	03				RR4 HP	
18204		XA107	68			XA430	03	ZI	1E0	2		+5RE2B	015				MTS	A01
00171		XA430	03			XA430	13		16B	9		+5RE2B	02				RR1 AP	
00173		XA430	13			XA430	21		16B	9		+5RE2B	03				RR1 BP	
00175		XA430	21			XA430	33		16B	9		+5RE2B	04				RR1 CP	
00177		XA430	33			XA430	49		16B	9		+5RE2B	05				RR1 DP	
00179		XA430	49			XA430	59		16B	9		+5RE2B	06				RR1 EP	
00181		XA430	59			XA430	69		16B	9		+5RE2B	07				RR1 FP	
00183		XA430	69			XA430	79		16B	9		+5RE2B	08				RR1 GP	
00185		XA430	79			XA439	03		16B	9		+5RE2B	09				RR1 HP	
00187		XA439	03			XA439	13		16B	9		+5RE2B	10				RR1 AP	
00189		XA439	13			XA439	21		16B	9		+5RE2B	11				RR1 BP	
00191		XA439	21			XA439	33		16B	9		+5RE2B	12				RR1 CP	
00193		XA439	33			XA439	49		16B	9		+5RE2B	13				RR1 DP	
00195		XA439	49			XA439	59		16B	9		+5RE2B	14				RR1 EP	
00197		XA439	59			XA439	69		16B	9		+5RE2B	15				RR1 FP	
00199		XA439	69			XA439	79		16B	9		+5RE2B	16				RR1 GP	
00201		XA439	79			XA444	79		16B	9		+5RE2B	17				RR1 HP	
00217		XA444	79			XA444	69		16B	9		+5RE2B	18				RR1 HP	
00215		XA444	69			XA444	59		16B	9		+5RE2B	19				RR1 GP	
00213		XA444	59			XA444	49		16B	9		+5RE2B	20				RR1 FP	
00211		XA444	49			XA444	33		16B	9		+5RE2B	21				RR1 EP	
								****	SIGNAL			+5RE2B					IS ON THE NEXT PAGE	****

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				VHE	SIGNAL	SFG NO	EQUATION	TERM	FACTOR	CAT OR SHIP TYPE	GROUP	LOAD OR POWER PLAN?	TEST POINTS AND LOC	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO												
00209		XA444	33		XA444	21		168	9	+5RE2B	22			RR1	DP					
00207		XA444	21		XA444	13		168	9	+5RE2B	23			RR1	CP					
00205		XA444	13		XA444	03		168	9	+5RE2B	24			RR1	BP					
00203		XA444	03		XA343	79		168	9	+5RE2B	25			RR1	AP					
00152		XA343	79		XA343	69		168	9	+5RE2B	26			RR1	HP					
00150		XA343	69		XA343	59		168	9	+5RE2B	27			RR1	GP					
00148		XA343	59		XA343	49		168	9	+5RE2B	28			RR1	FP					
00146		XA343	49		XA343	33		168	9	+5RE2B	29			RR1	EP					
00144		XA343	33		XA343	21		168	9	+5RE2B	30			RR1	DP					
00142		XA343	21		XA343	13		168	9	+5RE2B	31			RR1	CP					
00140		XA343	13		XA343	03		168	9	+5RE2B	32			RR1	BP					
00138		XA343	03		XA342	03		168	9	+5RE2B	33			RR1	AP					
00122		XA342	03		XA342	13		168	9	+5RE2B	34			RR4	AP					
00124		XA342	13		XA342	21		168	9	+5RE2B	35			RR4	BP					
00126		XA342	21		XA342	33		168	9	+5RE2B	36			RR4	CP					
00128		XA342	33		XA342	49		168	9	+5RE2B	37			RR4	DP					
00130		XA342	49		XA342	59		168	9	+5RE2B	38			RR4	EP					
00132		XA342	59		XA342	69		168	9	+5RE2B	39			RR4	FP					
00134		XA342	69		XA342	79		168	9	+5RE2B	40			RR4	GP					
00136		XA342	79					168	9	+5RE2B	41			RR4	HP					
23322		XA107	67		XA430	02		Z1	1E0	0	+5RE2R	01		MTS					A01	
23323		XA430	02					Z1	1E0	0	+5RE2R	02		RR1					A01	
00280		XA106	28		XA107	21		168	9	+5VBAY	00A								803	
18162		XA107	21		XA107	22		168	9	+5VBAY	00C			MTS						
18164		XA107	22		XA107	23		168	9	+5VBAY	005			MTS						
18163		XA107	23		XA107	28		168	9	+5VBAY	01			MTS						
00282		XA107	28		XA107	45		168	9	+5VBAY	02			MTS						
18183		XA107	45		XA107	64		168	9	+5VBAY	03			MTS						
18201		XA107	64		XA107	66		168	9	+5VBAY	05			MTS						
18203		XA107	66					168	9	+5VBAY	06			MTS						
18175		XA107	36		XA404	21		Q2	1E0	2	+5VDCF	05M		MTS					803	
00154		XA404	21		XA404	33		168	9	+5VDCF	052			RR4	CP				803	
00156		XA404	33		XA404	49		168	9	+5VDCF	053			RR4	DP				803	
00158		XA404	49		XA504	03		168	9	+5VDCF	054			RR4	EP				803	
00219		XA504	03		XA504	13		168	9	+5VDCF	058			RR4	AP				803	
00221		XA504	13		XA504	21		168	9	+5VDCF	059			RR4	BP				803	
00223		XA504	21		XA504	33		168	9	+5VDCF	060			RR4	CP				803	
00225		XA504	33		XA504	49		168	9	+5VDCF	061			RR4	DP				803	
00227		XA504	49					168	9	+5VDCF	062			RR4	EP				803	
23449		XA108	02		XA104	12		Q3	1E0	0	+5VDCG	01								
23443		XA104	12					Q3	1E0	0	+5VDCG	02		EXT					803	
18151		XA107	08		XA107	12		168	9	+5VDCI	01			MTS					803	
23450		XA107	12		XA107	37		168	9	+5VDCI	02			MTS					803	
18176		XA107	37		XA107	62		168	9	+5VDCI	03			MTS					803	
18199		XA107	62					168	9	+5VDCI	04			MTS					803	



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REF NO	EQUATION	TURN	FACTOR	EXT OR INT	PLANE	PC 155	PC 155	SIGNAL DESCRIPTION	SCD NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
23444		XA104	80			XA108	58		Q4	1E0	0		+5VDCR	01									B03
23451		XA108	58			XA108	58		Q4	1E0	0		+5VDCR	02									B03
18150		XA107	07			XA104	15		Q3	1E0	2		+5VDCI	A8									B03
17941		XA104	15			XA104	17			168	9		+5VDCI	A0									B03
17942		XA104	17			XA104	19			168	9		+5VDCI	AG									B03
17944		XA104	19			XA104	45			168	9		+5VDCI	AH									B03
17967		XA104	45			XA104	47			168	9		+5VDCI	AJ									B03
17969		XA104	47			XA104	49			168	9		+5VDCI	AM									B03
17971		XA104	49			XA104	57			168	9		+5VDCI	AP									B03
17979		XA104	57			XA104	59			168	9		+5VDCI	A2									B03
17980		XA104	59			XA104	61			168	9		+5VDCI	A4									B03
17982		XA104	61			XA104	63			168	9		+5VDCI	A6									B03
17984		XA104	63			XA104	65			168	9		+5VDCI	A8									B03
17986		XA104	65			XA104	67			168	9		+5VDCI	B2									B03
10824		XA104	67			XA104	69			168	9		+5VDCI	B4									B03
17989		XA104	69			XA104	71			168	9		+5VDCI	B6									B03
17991		XA104	71			XA104	73			168	9		+5VDCI	B8									B03
17993		XA104	73			XA104	75			168	9		+5VDCI	C2									B03
17995		XA104	75			XA104	77			168	9		+5VDCI	C4									B03
17997		XA104	77			XA104	79			168	9		+5VDCI	C6									B03
17999		XA104	79			XA107	61		Q4	1E0	2		+5VDCI	01									B03
18198		XA107	61						Q4	1E0	2		+5VDCI	02									B03
23452		XA108	44			XA404	30		Q2	1E0	0		+5VDCZ	01									B03
23445		XA404	30						Q2	1E0	0		+5VDCZ	02									B03
17974		XA104	52			XA107	16		24	1E0	0		+5VRBG	01									A01
23324		XA107	16						24	1E0	0		+5VRBG	02									A01
23325		XA107	16			XA104	54		25	1E0	0		+5VRBR	01									A01
17976		XA104	54						25	1E0	0		+5VRBR	02									A01
17973		XA104	51			XA107	26		24	1E0	9		+5VRB2	01									A01
18167		XA107	26			XA104	53		25	1E0	9		+5VRB2	02									A01
17975		XA104	53						25	1E0	9		+5VRB2	03									A01
23326		J01	B1			J01	D1			180	2		+5V01	01									
21380		J01	D1							180	2		+5V01	02									+5PS5U;+5PS1L
23327		J01	C4			J01	E4			180	2		+5V02	01									
21384		J01	E4							180	2		+5V02	02									+5PS5U;+5PS1L
23328		J01	C6			J01	E6			180	2		+5V03	01									
21385		J01	E6							180	2		+5V03	02									
23329		J01	C2			J01	F1			180	2		+5V04	01									
22399		J01	F1							180	2		+5V04	02									+5PS5U;+5PS1L

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RECORD NUMBER	FROM			TO			M P/E	SIGNAL	UNIT NO	FUNCTION	3	2	1	TEST	GENERAL DESCRIPTION	SCD NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN										
23330 22405		J01	B3 F3		J01	F3	180 2	+5V05	01					PWR		
		J01	F3		J01	F3	180 2	+5V05	02					PWR		
23331 22411		J01	D5 F5		J01	F5	180 2	+5V06	01					PWR		
		J01	F5		J01	F5	180 2	+5V06	02					PWR		+5PS5U;+5PS1L
23332 21392		J01	D3 N2		J01	N2	180 2	+5V07	01					PWR		
		J01	N2		J01	N2	180 2	+5V07	02					PWR		
23333 12644		XA405	12 12		XA404	12	168 9	+5V112	01					ACF	218	
		XA404	12		XA404	12	168 9	+5V112	02					RR4		
23334 12667		XA405	28 28		XA404	28	168 9	+5V128	01					ACF		
		XA404	28		XA404	28	168 9	+5V128	02					RR4		
18165 23453		XA107	24 28		XA108	28	168 9	+5V129	01					MTS		B03
		XA108	28		XA108	28	168 9	+5V129	02							B03
00740		XA246	70		XA245	66	168 9	ABSECA	01	ACDB1A	01 1	TT3 E1		33A		
00741		XA245	66		XA226	06	168 9	ABSECA	02	ACAD2A	01 3	T04 E1		31A		
00742		XA226	06		XA111	46	168 9	ABSECA	03	ABSECA	00 1	TQ2 A1		05A		ADDER AB INPUT -
00743		XA111	46				168 9	ABSECA	04	AKDV2A	01 3	T04 O2		21A		
00744		XA246	60		XA245	50	168 9	ABSEDB	01	ACDB2A	01 2	TT3 E2		28A		ADDER AB INPUT -
00745		XA245	50		XA111	54	168 9	ABSEDB	02	ACA01A	01 1	T04 O2		23A		ADDER AB INPUT -
00746		XA111	54		XA222	05	168 9	ABSEDB	03	AKDV1A	01 2	T04 O1		25A		ADDER AB INPUT -
00747		XA222	05		XA226	10	168 9	ABSEDB	04			RR4 A3				
00748		XA226	10		XA221	07	168 9	ABSEDB	05	ABSECA	01 1	TQ2 A1		07A		ADDER AB INPUT -
00749		XA221	07		XA315	38	168 9	ABSEDB	06	ADSEB5	01 2	TAD A5		03A		ADDER AB INPUT -
00750		XA315	38		XA316	38	168 9	ABSE2D	07	ABSEDB	02 1	TLD C1		18A		AY SE* TO ADDER A
00751		XA316	38				168 9	ABSE1D	08	ABSEDB	01 1	TLD C1		18A		AY SE* TO ADDER A
00754		XA316	38					J ABSE1D	01	ABSE1D	00 1	TLD C1		18A		ABSEDB BUSS
00755		XA315	38					J ABSE2D	01	ABSE2D	00 1	TLD C1		18A		ABSEDB BUSS
00756		XA224	07		XA219	43	168 9	AB00DB	01	A000GA	01 2	T02 A3		03A		ADDER AB INPUT -
00757		XA219	43		XA315	27	168 9	AB00DB	02	A000B2	01 2	TAD O2		23B		ADDER AB INPUT -
00758		XA315	27		XA222	07	168 9	AB002D	03	AB00DB	02 1	TLD B4		13B		AY 00* TO ADDER A
00759		XA222	07		XA316	27	168 9	AB00DB	04			RR4 A4				
00760		XA316	27				168 9	AB001D	05	AB00DB	01 1	TLD B4		13B		AY 00 TO ADDER A
00761		XA316	27					J AB001D	01	AB001D	00 1	TLD B4		13B		AB00DB BUSS
00762		XA315	27					J AB002D	01	AB002D	00 1	TLD B4		13B		AB00DB BUSS
00763		XA221	23		XA222	08	168 9	AB01DB	01	AL001A	01 2	TT3 B3		11B		ADDER AB INPUT -
00764		XA222	08		XA220	07	168 9	AB01DB	02			RR4 A1				
								**** SIGNAL		AB01DB						S ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	DRWG. MULT. GROUP	CODE	COLOR										
00765		XA220	07		XA315	21			16B 9	AB01DB	03	AD01B5	01	2	TAD	A5	03A	ADDER AB INPUT -	
00766		XA315	21		XA316	21			16B 9	AB01DB	04	AB010B	02	1	TLD	B3	10B	AY 01* TO ADDER A	
00767		XA316	21						16B 9	AB01DB	05	AB01DB	01	1	TLD	B3	10B	AY 01 TO ADDER A	
00768		XA316	21							AB01DB	01	AB01DB	05	1	TLD	B3	10B	AB01DB BUSS	
00769		XA315	21							AB01DB	01	AB01DB	00	1	TLD	B3	10B	AB01DB BUSS	
00770		XA227	61		XA227	07			16B 9	AB02DB	01	AL002A	01	4	T04	E1	32B	ADDER AB INPUT -	
00771		XA227	07		XA222	09			16B 9	AB02DB	02	AD0XCA	01	4	T04	A2	03A	ADDER AB INPUT -	
00772		XA222	09		XA221	31			16B 9	AB02DB	03								
00773		XA221	31		XA315	14			16B 9	AB02DB	04	AD02B5	01	2	TAD	C5	15B	ADDER AB INPUT -	
00774		XA315	14		XA316	14			16B 9	AB02DB	05	AB02DB	02	1	TLD	B2	09A	AY 02* TO ADDER A	
00775		XA316	14						16B 9	AB02DB	06	AB02DB	01	1	TLD	B2	09A	AY 02 TO ADDER A	
00776		XA316	14							AB02DB	01	AB02DB	00	1	TLD	B2	09A	AB02DB BUSS	
00777		XA315	14							AB02DB	01	AB02DB	00	1	TLD	B2	09A	AB02DB BUSS	
00778		XA224	34		XA222	10			16B 9	AB03DB	01	AD03GA	01	2	TQ2	C2	16A	ADDER AB INPUT -	
00779		XA222	10		XA218	43			16B 9	AB03DB	02								
00780		XA218	43		XA315	22			16B 9	AB03DB	03	AD03B2	01	2	TAD	D2	23B	ADDER AB INPUT -	
00781		XA315	22		XA316	22			16B 9	AB03DB	04	AB03DB	02	1	TLD	B1	12A	AY 03* TO ADDER A	
00782		XA316	22						16B 9	AB03DB	05	AB03DB	01	1	TLD	B1	12A	AY 03 TO ADDER A	
00783		XA316	22							AB03DB	01	AB03DB	00	1	TLD	B1	12A	AB03DB BUSS	
00784		XA315	22							AB03DB	01	AB03DB	00	1	TLD	B1	12A	AB03DB BUSS	
00785		XA222	17		XA220	19			16B 9	AB04DB	01								
00786		XA220	19		XA221	43			16B 9	AB04DB	02	AD04B5	01	2	TAD	B5	09B	ADDER AB INPUT -	
00787		XA221	43		XA315	15			16B 9	AB04DB	03	AD04L2	01	2	TAD	O2	23B	ADDER AB INPUT -	
00788		XA315	15		XA316	15			16B 9	AB04DB	04	AB04DB	02	1	TLD	A4	07B	AY 04* TO ADDER A	
00789		XA316	15						16B 9	AB04DB	05	AB04DB	01	1	TLD	A4	07B	AY 04 TO ADDER A	
00790		XA316	15							AB04DB	01	AB04DB	00	1	TLD	A4	07B	AB04DB BUSS	
00791		XA315	15							AB04DB	01	AB04DB	00	1	TLD	A4	07B	AB04DB BUSS	
00792		XA222	19		XA219	07			16B 9	AB05DB	01								
00793		XA219	07		XA315	09			16B 9	AB05DB	02	AD05B5	01	2	TAD	A5	03A	ADDER AB INPUT -	
00794		XA315	09		XA316	09			16B 9	AB05DB	03	AB05DB	02	1	TLD	A3	04B	AY 05* TO ADDER A	
00795		XA316	09						16B 9	AB05DB	04	AB05DB	01	1	TLD	A3	04B	AY 05 TO ADDER A	
00796		XA316	09							AB05DB	01	AB05DB	00	1	TLD	A3	04B	AB05DB BUSS	
00797		XA315	09							AB05DB	01	AB05DB	00	1	TLD	A3	04B	AB05DB BUSS	
00798		XA222	20		XA218	07			16B 9	AB06DB	01								
00799		XA218	07		XA315	01			16B 9	AB06DB	02	AD06B5	01	2	TAD	A5	03A	ADDER AB INPUT -	
									****	SIGNAL		AB06DB						S ON THE NEXT PAGE ****	



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RECORD NUMBER	FROM				TO				W R E				SIGNAL	SFD NO	EQUATION	TRM	TYPE	PLAN	POINT	DESCRIPTION	EFF NO				
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL. IN	IDENT										PREINST	UNIT		
00835		XA318	52										J	AB111D	01	AB111D	00	1	TLD	D1	24A	AB110B BUSS			
00836		XA317	52										J	AB112D	01	AB112D	00	1	TLD	D1	24A	AB110B BUSS			
00837		XA222	35		XA219	31		168	9					AB120B	01				RR4	D3					
00838		XA219	31		XA220	43		168	9					AB120B	02	AD12B5	01	2	TAD	C5	15B	ADDER AB INPUT -			
00839		XA220	43		XA317	39		168	9					AB120B	03	AD12L2	01	2	TAD	D2	23P	ADDER AB INPUT -			
00840		XA317	39		XA318	39		168	9				P	AB122D	04	AB120B	02	1	TLD	C4	19B	AY 12* TO ADDER A			
00841		XA318	39					168	9				P	AB121D	05	AB120B	01	1	TLD	C4	19B	AY 12 TO ADDER A			
00842		XA318	39										J	AB121D	01	AB121D	00	1	TLD	C4	19B	AB120B BUSS			
00843		XA317	39										J	AB122D	01	AB122D	00	1	TLD	C4	19B	AB120B BUSS			
00844		XA222	36		XA218	31		168	9					AB130B	01				RR4	C1					
00845		XA218	31		XA317	33		168	9					AB130B	02	AD13B5	01	2	TAD	C5	15B	ADDER AB INPUT -			
00846		XA317	33		XA318	33		168	9				P	AB132D	03	AB130B	02	1	TLD	C3	16B	AY 13* TO ADDER A			
00847		XA318	33					168	9				P	AB131D	04	AB130B	01	1	TLD	C3	16B	AY 13 TO ADDER A			
00848		XA318	33										J	AB131D	01	AB131D	00	1	TLD	C3	16B	AB130B BUSS			
00849		XA317	33										J	AB132D	01	AB132D	00	1	TLD	C3	16B	AB130B BUSS			
00850		XA222	37		XA217	31		168	9					AB140B	01				RR4	O4					
00851		XA217	31		XA317	30		168	9					AB140B	02	AD14B5	01	2	TAD	C5	15B	ADDER AB INPUT -			
00852		XA317	30		XA318	30		168	9				P	AB142D	03	AB140B	02	1	TLD	C2	15A	AY 14* TO ADDER A			
00853		XA318	30					168	9				P	AB141D	04	AB140B	01	1	TLD	C2	15A	AY 14 TO ADDER A			
00854		XA318	30										J	AB141D	01	AB141D	00	1	TLD	C2	15A	AB140B BUSS			
00855		XA317	30										J	AB142D	01	AB142D	00	1	TLD	C2	15A	AB140B BUSS			
00856		XA224	64		XA222	38		168	9					AB150B	01	AD15GA	01	1	TQ2	E2	30A	ADDER AB INPUT -			
00857		XA222	38		XA220	55		168	9					AB150B	02				RR4	C2					
00858		XA220	55		XA317	38		168	9					AB150B	03	AD15B2	01	2	TAD	E2	29B	ADDER AB INPUT -			
00859		XA317	38		XA318	38		168	9				P	AB152D	04	AB150B	02	1	TLD	C1	18A	AY 15* TO ADDER A			
00860		XA318	38					168	9				P	AB151D	05	AB150B	01	1	TLD	C1	18A	AY 15 TO ADDER A			
00861		XA318	38										J	AB151D	01	AB151D	00	1	TLD	C1	18A	AB150B BUSS			
00862		XA317	38										J	AB152D	01	AB152D	00	1	TLD	C1	18A	AB150B BUSS			
00863		XA217	07		XA215	55		168	9					AB160B	01	AD16B5	01	2	TAD	A5	03A	ADDER AB INPUT -			
00864		XA215	55		XA317	27		168	9					AB160B	02	AD16L2	01	2	TAD	E2	29B	ADDER AB INPUT -			
00865		XA317	27		XA318	27		168	9				P	AB162D	03	AB160B	02	1	TLD	B4	13B	AY 16* TO ADDER A			
00866		XA318	27		XA222	39		168	9				P	AB161D	04	AB160B	01	1	TLD	B4	13B	AY 16 TO ADDER A			
00867		XA222	39					168	9					AB160B	05				RR4	D5					
													****	SIGNAL	(AB161D)	IS ON THE NEXT PAGE ****									

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AB161D

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RECORD NUMBER	FROM				TO				WIRE	JUNCTION	SIGNAL	FILE NO	RELATION	3 2 1	T L D	A B C	R R 4	E S	TEST PG. NO.	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	LO H	PREFIX	CONNECTOR	PIN	LO H													
00868		XA318	27							J	AB161D	01	AB161D	00	1	TLD	B4		13B	AB16DB BUSS	
00869		XA317	27							J	AB162D	01	AB162D	00	1	TLD	B4		13B	AB16DB BUSS	
00870		XA216	07		XA317	21		168	9		AB170B	01	AD17B5	01	2	ADD	A5		03A	ADDER AB INPUT -	
00871		XA317	21		XA318	21		168	9	P	AB172D	02	AB170B	02	1	TLD	B3		10B	AY 17* TO ADDER A	
00872		XA318	21		XA222	41		168	9	P	AB171D	03	AB170B	01	1	TLD	B3		10B	AY 17 TO ADDER A	
00873		XA222	41					168	9		AB170B	04				RR4	E5				
00874		XA318	21							J	AB171D	01	AB171D	00	1	TLD	B3		10B	AB17DB BUSS	
00875		XA317	21							J	AB172D	01	AB172D	00	1	TLD	B3		10B	AB17DB BUSS	
00876		XA214	07		XA317	14		168	9		AB180B	01	AD18B5	01	2	ADD	A5		03A	ADDER AB INPUT -	
00877		XA317	14		XA318	14		168	9	P	AB182D	02	AB180B	02	1	TLD	B2		09A	AY 18* TO ADDER A	
00878		XA318	14		XA222	42		168	9	P	AB181D	03	AB180B	01	1	TLD	B2		09A	AY 18 TO ADDER A	
00879		XA222	42					168	9		AB180B	04				RR4	D1				
00880		XA318	14							J	AB181D	01	AB181D	00	1	TLD	B2		09A	AB18DB BUSS	
00881		XA317	14							J	AB182D	01	AB182D	00	1	TLD	B2		09A	AB18DB BUSS	
00882		XA223	17		XA222	45		168	9		AB190B	01	AD19GA	01	1	TQ2	B3		08B	ADDER AB INPUT -	
00883		XA222	45		XA215	43		168	9		AB190B	02				PR4	E4				
00884		XA215	43		XA317	22		168	9		AB190B	03	AD19B2	01	2	TAD	D2		23B	ADDER AB INPUT -	
00885		XA317	22		XA318	22		168	9	P	AB192D	04	AB190B	02	1	TLD	B1		12A	AY 19* TO ADDER A	
00886		XA318	22					168	9	P	AB191D	05	AB190B	01	1	TLD	B1		12A	AY 19 TO ADDER A	
00887		XA318	22							J	AB191D	01	AB191D	00	1	TLD	B1		12A	AB19DB BUSS	
00898		XA317	22							J	AB192D	01	AB192D	00	1	TLD	B1		12A	AB19DB BUSS	
00889		XA217	19		XA214	43		168	9		AB200B	01	AD20B5	01	2	TAD	B5		09B	ADDER AB INPUT -	
00890		XA214	43		XA317	15		168	9		AB200B	02	AD20L2	01	2	ADD	D2		23B	ADDER AB INPUT -	
00891		XA317	15		XA318	15		168	9	P	AB202D	03	AB200B	02	1	TLD	A4		07B	AY 20* TO ADDER A	
00892		XA318	15		XA222	46		168	9	P	AB201D	04	AB200B	01	1	TLD	A4		07B	AY 20 TO ADDER A	
00893		XA222	46					168	9		AB200B	05				RR4	D2				
00894		XA318	15							J	AB201D	01	AB201D	00	1	TLD	A4		07B	AB20DB BUSS	
00895		XA317	15							J	AB202D	01	AB202D	00	1	TLD	A4		07B	AB20DB BUSS	
00896		XA216	15		XA317	09		168	9		AB210B	01	AD21B5	01	2	ADD	B5		09B	ADDER AB INPUT -	
00897		XA317	09		XA318	09		168	9	P	AB212D	02	AB210B	02	1	TLD	A3		04B	AY 21* TO ADDER A	
00898		XA318	09		XA222	47		168	9	P	AB211D	03	AB210B	01	1	TLD	A3		04B	AY 21 TO ADDER A	
00899		XA222	47					168	9		AB210B	04				RR4	E3				
00900		XA318	09							J	AB211D	01	AB211D	00	1	TLD	A3		04B	AB21DB BUSS	
00901		XA317	09							J	AB212D	01	AB212D	00	1	TLD	A3		04B	AB21DB BUSS	

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AB212D

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT COS LINE TYPE	PLANE	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR										IDENT	
00902		XA215	19		XA317	01		16B	9				AB220B	01	AD22B5	01	TAD	B5	09B	ADDER AB INPUT -		
00903		XA317	01		XA318	01		16B	9				AB222D	02	AB220B	02	1	TL	A2	02B	AY 22* TO ADDER A	
00904		XA318	01		XA222	48		16B	9				AB221D	03	AB220B	01	1	TL	A2	02B	AY 22 TO ADDER A	
00905		XA222	48					16B	9				AB220B	04				RR4	E2			
00906		XA318	01										AB221D	01	AB221D	00	1	TL	A2	02B	AB220B BUSS	
00907		XA317	01										AB222D	01	AB222D	00	1	TL	A2	02B	AB220B BUSS	
00908		XA223	43		XA222	51		16B	9				AB230B	01	AD23GA	01	2	TQ2	D3	23B	ADDER AB INPUT -	
00909		XA222	51		XA214	55		16B	9				AB230B	02				RR4	F5			
00910		XA214	55		XA317	06		16B	9				AB230B	03	AD23B2	01	2	ADD	E2	29B	ADDER AB INPUT -	
00911		XA317	06		XA318	06		16B	9				AB232D	04	AB230B	02	1	TL	A1	05A	AY 23* TO ADDER A	
00912		XA318	06					16B	9				AB231D	05	AB230B	01	1	TL	A1	05A	AY 23 TO ADDER A	
00913		XA318	06										AB231D	01	AB231D	00	1	TL	A1	05A	AB230B BUSS	
00914		XA317	06										AB232D	01	AB232D	00	1	TL	A1	05A	AB230B BUSS	
00915		XA216	31		XA216	43		16B	9				AB240B	01	AD24B5	01	2	ADD	C5	15B	ADDER AB INPUT -	
00916		XA216	43		XA319	51		16B	9				AB240B	02	AD24L2	01	2	ADD	D2	23B	ADDER AB INPUT -	
00917		XA319	51		XA320	51		16B	9				AB242D	03	AB240B	02	1	TL	D4	27B	AY 24* TO ADDER A	
00918		XA320	51		XA222	52		16B	9				AB241D	04	AB240B	01	1	TL	D4	27B	AY 24 TO ADDER A	
00919		XA222	52					16B	9				AB240B	05				RR4	E1			
00920		XA320	51										AB241D	01	AB241D	00	1	TL	D4	27B	AB240B BUSS	
00921		XA319	51										AB242D	01	AB242D	00	1	TL	D4	27B	AB240B BUSS	
00922		XA215	31		XA319	45		16B	9				AB250B	01	AD25B5	01	2	TAD	C5	15B	ADDER AB INPUT -	
00923		XA319	45		XA320	45		16B	9				AB252D	02	AB250B	02	1	TL	D3	24B	AY 25* TO ADDER A	
00924		XA320	45		XA222	53		16B	9				AB251D	03	AB250B	01	1	TL	D3	24B	AY 25 TO ADDER A	
00925		XA222	53					16B	9				AB250B	04				RR4	F4			
00926		XA320	45										AB251D	01	AB251D	00	1	TL	D3	24B	AB250B BUSS	
00927		XA319	45										AB252D	01	AB252D	00	1	TL	D3	24B	AB250B BUSS	
00928		XA214	31		XA319	46		16B	9				AB260B	01	AD26B5	01	2	ADD	C5	15B	ADDER AB INPUT -	
00929		XA319	46		XA320	46		16B	9				AB262D	02	AB260B	02	1	TL	D2	21A	AY 26* TO ADDER A	
00930		XA320	46		XA222	55		16B	9				AB261D	03	AB260B	01	1	TL	D2	21A	AY 26 TO ADDER A	
00931		XA222	55					16B	9				AB260B	04				RR4	F3			
00932		XA320	46										AB261D	01	AB261D	00	1	TL	D2	21A	AB260B BUSS	
00933		XA319	46										AB262D	01	AB262D	00	1	TL	D2	21A	AB260B BUSS	
00934		XA223	53		XA222	56		16B	9				AB270B	01	AD27GA	01	1	TQ2	E3	28B	ADDER AB INPUT -	
								****				SIGNAL (AB270B)									IS ON THE NEXT PAGE	****

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AB27DB

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SPD NO	EQUATION	TERM	FACTOR	CCT OR CHIP TYPE	PWR	LOAD OR POWER PLANE	TEST POINTS AND NO	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COND											
00935		XA222	56		XA219	55		16B	9		AB27DB	02			RR4	F2				
00936		XA219	55		XA219	52		16B	9		AB27DB	03	AD27B2	01	2	TAD	E2	29B	ADDER AB INPUT -	
00937		XA319	52		XA320	52		16B	9	P	AB272D	04	AB270B	02	1	TLD	D1	24A	AY 27* TO ADDER A	
00938		XA320	52					16B	9	P	AB271D	05	AB27DB	01	1	TLD	D1	24A	AY 27 TO ADDER A	
00939		XA320	52							J	AB271D	01	AB271D	00	1	TLD	D1	24A	AB27DB BUSS	
00940		XA319	52							J	AB272D	01	AB272D	00	1	TLD	D1	24A	AB27DB BUSS	
00941		XA223	59		XA222	61		16B	9		AB28DB	01	AD28GA	01	1	TQ2	E4	31B	ADDER AB INPUT -	
00942		XA222	61		XA218	55		16B	9		AB28DB	02			RR4	G5				
00943		XA218	55		XA319	39		16B	9		AB28DB	03	AD28B2	01	2	TAD	E2	29B	ADDER AB INPUT -	
00944		XA319	39		XA320	39		16B	9	P	AB282D	04	AB28DB	02	1	TLD	C4	19B	AY 28* TO ADDER A	
00945		XA320	39					16B	9	P	AB281D	05	AB28DB	01	1	TLD	C4	19B	AY 28 TO ADDER A	
00946		XA320	39							J	AB281D	01	AB281D	00	1	TLD	C4	19B	AB28DB BUSS	
00947		XA319	39							J	AB282D	01	AB282D	00	1	TLD	C4	19B	AB28DB BUSS	
00948		XA215	07		XA319	33		16B	9		AB29DB	01	AD29B5	01	2	TAD	A5	03A	ADDER AB INPUT -	
00949		XA319	33		XA320	33		16B	9	P	AB292D	02	AB29DB	02	1	TLD	C3	16B	AY 29* TO ADDER A	
00950		XA320	33		XA222	62		16B	9	P	AB291D	03	AB29DB	01	1	TLD	C3	16B	AY 29 TO ADDER A	
00951		XA222	62					16B	9		AB29DB	04			RR4	F1				
00952		XA320	33							J	AB291D	01	AB291D	00	1	TLD	C3	16B	AB29DB BUSS	
00953		XA319	33							J	AB292D	01	AB292D	00	1	TLD	C3	16B	AB29DB BUSS	
00954		XA214	15		XA319	30		16B	9		AB30DB	01	AD30B5	01	2	ADD	B5	09B	ADDER AB INPUT -	
00955		XA319	30		XA320	30		16B	9	P	AB302D	02	AB30DB	02	1	TLD	C2	15A	AY 30* TO ADDER A	
00956		XA320	30		XA222	63		16B	9	P	AB301D	03	AB30DB	01	1	TLD	C2	15A	AY 30 TO ADDER A	
00957		XA222	63					16B	9		AB30DB	04			RR4	G4				
00958		XA320	30							J	AB301D	01	AB301D	00	1	TLD	C2	15A	AB30DB BUSS	
00959		XA319	30							J	AB302D	01	AB302D	00	1	TLD	C2	15A	AB30DB BUSS	
00960		XA216	55		XA223	79		16B	9		AB31DB	01	AD31B2	01	2	ADD	E2	29B	ADDER AB INPUT -	
00961		XA223	79		XA222	65		16B	9		AB31DB	02	AD31GA	01	1	TQ2	F1	39B	ADDER AB INPUT -	
00962		XA222	65		XA319	38		16B	9		AB31DB	03			RR4	G3				
00963		XA319	38		XA320	38		16B	9	P	AB312D	04	AB31DB	02	1	TLD	C1	18A	AY 31* TO ADDER A	
00964		XA320	38					16B	9	P	AB311D	05	AB31DB	01	1	TLD	C1	18A	AY 31 TO ADDER A	
00965		XA320	38							J	AB311D	01	AB311D	00	1	TLD	C1	18A	AB31DB BUSS	
00966		XA319	38							J	AB312D	01	AB312D	00	1	TLD	C1	18A	AB31DB BUSS	
00967		XA350	75		XA349	60		16B	9		ACADCO	01	AC032A	01	3	TT3	F1	37B		
00968		XA349	60		XA349	56		16B	9		ACADCO	02	AC072A	01	2	TT3	E2	28A		
00969		XA349	56		XA350	45		16B	9		ACADCO	03	AC062A	01	1	TT3	D1	26A		
								****	SIGNAL	(ACADCO)		IS ON THE	NEXT PAGE	****						



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ACADCO

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	CO. IN	DELT	SIGNAL	EQ NO	EQUATION	TERM	UNIT	CIRCUIT	DRAWING	PAGE	TOTAL RECORDS IN	EQA NO							
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																						
00970		XA350	45		XA350	29		168	9					ACADCO	04	AC022A	01	1	TT3	D3	24B									
00971		XA350	29		XA350	25		168	9					ACADCO	05	AC012A	01	3	TT3	C2	14B									
00972		XA350	25		XA349	21		168	9					ACADCO	06	AC002A	01	3	TT3	B3	12B									
00973		XA349	21		XA350	08		168	9					ACADCO	07	AC052A	01	1	TT3	B3	10B									
00974		XA350	08		XA349	01		168	9					ACADCO	08	AC5E2A	01	2	TT3	A1	06A									
00975		XA349	01		XA246	63		168	9					ACADCO	09	AC042A	01	2	TT3	A2	02B									
00976		XA246	63					168	9					ACADCO	10	ACADCO	00	1	TT3	E3	33B		AD SE - 07 TO AC							
00977		XA349	78		XA348	75		168	9					ACADDO	01	AC082A	01	3	TT3	F3	38A									
00978		XA348	75		XA344	56		168	9					ACADDO	02	AC122A	01	3	TT3	F1	37B									
00979		XA344	56		XA348	45		168	9					ACADDO	03	AC152A	01	1	TT3	D1	26A									
00980		XA348	45		XA348	34		168	9					ACADDO	04	AC112A	01	1	TT3	D3	24B									
00981		XA348	34		XA348	26		168	9					ACADDO	05	AC102A	01	1	TT3	C2	16A									
00982		XA348	26		XA344	21		168	9					ACADDO	06	AC092A	01	1	TT3	B1	14A									
00983		XA344	21		XA344	05		168	9					ACADDO	07	AC142A	01	1	TT3	B3	10B									
00984		XA344	05		XA246	73		168	9					ACADDO	08	AC132A	01	1	TT3	A2	03B									
00985		XA246	73					168	9					ACADDO	09	ACADDO	00	1	TT3	F1	36B		AD 08 - 15 TO AC							
00986		XA344	60		XA246	74		168	9					ACADE0	01	AC162A	01	2	TT3	E2	28A									
00987		XA246	74		XA249	60		168	9					ACADE0	02	ACADE0	00	1	TT3	F2	35B		AD 16 - 23 TO AC							
00988		XA249	60		XA249	56		168	9					ACADE0	03	AC192A	01	2	TT3	E2	28A									
00989		XA249	56		XA248	45		168	9					ACADE0	04	AC182A	01	1	TT3	D1	26A									
00990		XA248	45		XA248	34		168	9					ACADE0	05	AC232A	01	1	TT3	D3	24B									
00991		XA248	34		XA248	26		168	9					ACADE0	06	AC222A	01	1	TT3	C2	16A									
00992		XA248	26		XA249	25		168	9					ACADE0	07	AC212A	01	1	TT3	B1	14A									
00993		XA249	25		XA245	34		168	9					ACADE0	08	AC172A	01	3	TT3	B3	12B									
00994		XA245	34					168	9					ACADE0	09	AC202A	01	2	T04	C2	16A									
00995		XA249	80		XA248	79		168	9					ACADFO	01	ACADFO	00	1	TT3	F3	39A		AD 24 - 31 TO AC							
00996		XA248	79		XA247	61		168	9					ACADFO	02	AC242A	01	1	TT3	F1	39B									
00997		XA247	61		XA246	56		168	9					ACADFO	03	AC282A	01	3	TT3	E3	32B									
00998		XA246	56		XA247	41		168	9					ACADFO	04	AC312A	01	1	TT3	D1	26A									
00999		XA247	41		XA247	42		168	9					ACADFO	05	AC272A	01	3	TT3	D2	22B									
01000		XA247	42		XA246	21		168	9					ACADFO	06	AC262A	01	1	TT3	C1	20A									
01001		XA246	21		XA247	13		168	9					ACADFO	07	AC302A	01	1	TT3	B3	10B									
01002		XA247	13		XA246	05		168	9					ACADFO	08	AC252A	01	3	TT3	A3	06B									
01003		XA246	05					168	9					ACADFO	09	AC292A	01	1	TT3	A2	03B									
01004		XA249	78		XA246	75		168	9					ACAD1A	01	ACADFO	01	3	TT3	F3	38A									
01005		XA246	75		XA246	71		168	9					ACAD1A	02	ACADDO	01	3	TT3	F1	37B									
01006		XA246	71		XA246	57		168	9					ACAD1A	03	ACADE0	01	1	TT3	F2	36A									
01007		XA246	57		XA245	45		168	9					ACAD1A	04	ACADCO	01	1	TT3	E3	30B									
01008		XA245	45					168	9					ACAD1A	05	ACAD1A	00	1	T04	D2	24B		AD/AC SIGNS EQUAL							
01009		XA249	76		XA246	77		168	9					ACAD2A	01	ACADFO	01	2	TT3	F3	37A									
01010		XA246	77		XA246	65		168	9					ACAD2A	02	ACADDO	01	2	TT3	F1	38B									
01011		XA246	65		XA246	61		168	9					ACAD2A	03	ACADE0	01	3	TT3	F2	34B									
01012		XA246	61		XA245	59		168	9					ACAD2A	04	ACADCO	01	3	TT3	E3	32B									
01013		XA245	59					168	9					ACAD2A	05	ACAD2A	00	1	T04	E1	31B		AD/AC SIGNS EQUAL							
														****	SIGNAL	(ACAD1A)	IS ON THE NEXT PAGE ****													

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RECORD NUMBER	FROM			TO			MULTI GROUP	CODE	BLOCK	DEN	SYMBOL	SIGNAL	SEC NO	EQUATION	T	C	C	C	C	LOAD OR BOARD PLANS	TFS PLANS (AND ON)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
01014		XA245	69		XA246	79		168	9			ACAD3A	01	ACADFO	01	1	TT3	F3			35A			
01015		XA246	79		XA246	72		168	9			ACAD3A	02	ACADDO	01	1	TT3	F1			39B			
01016		XA246	72		XA246	59		168	9			ACAD3A	03	ACADEO	01	2	TT3	F2			34A			
01017		XA246	59		XA242	11		168	9			ACAD3A	04	ACADCO	01	2	TT3	E3			31B			
01018		XA242	11					168	9			ACAD3A	05	ACAD3A	00	1	TS8	A1			05B		AC CNTL CODE 6 TM	
01019		XA245	11		XA244	10		168	9			ACAQCA	01	ACAQCA	00	1	T04	A1			05B		AQ 00 TO AC FULL	
01020		XA244	10		XA244	34		168	9			ACAQCA	02	ACAQCO	01	1	TQ2	A1			07A			
01021		XA244	34					168	9			ACAQCA	03	AC085A	01	2	TQ2	C2			16A			
01022		XA249	05		XA249	09		168	9			ACAQCO	01	AC078A	01	1	TT3	A2			03B			
01023		XA249	09		XA247	06		168	9			ACAQCO	02	AC158A	01	1	TT3	A3			04B			
01024		XA247	06		XA244	06		168	9			ACAQCO	03	AC238A	01	3	TT3	A1			05A			
01025		XA244	06		XA246	49		168	9			ACAQCO	04	ACAQCO	00	1	TQ2	A1			05A		AQ 00 TO AC FULL	
01026		XA246	49					168	9			ACAQCO	05	AC318A	01	3	TT3	D3			26B			
01027		XA238	01		XA238	10		168	9			ACCPCA	01	AC00BN	01	1	T00	BN			02B			
01028		XA238	10		XA238	26		168	9			ACCPCA	02	ACSEBN	01	1	T00	AN			07A			
01029		XA238	26		XA235	35		168	9			ACCPCA	03	AC01BN	01	1	T00	CN			14A			
01030		XA235	35		XA236	60		168	9			ACCPCA	04	AC0PCA	00	1	T04	C1			17B		AC GATED CLOCK GA	
01031		XA236	60		XA236	79		168	9			ACCPCA	05	AC30BN	01	1	T00	KN			28A			
01032		XA236	79					168	9			ACCPCA	06	AC31BN	01	1	T00	LN			39B			
01033		XA235	11		XA235	09		168	9	P		ACCPFA	01	ACCPDB	01	1	T04	A1			05B		AC GATED CLOCK GA	
01034		XA235	09		XA237	01		168	9	P		ACCPFA	02	ACCPDB	02	1	T04	A2			04B		AC GATED CLOCK GA	
01035		XA237	01		XA237	10		168	9			ACCPDB	03	AC11BN	01	1	T00	BN			02B		AC GATED CLOCK BU	
01036		XA237	10		XA237	14		168	9			ACCPDB	04	AC10BN	01	1	T00	AN			07A		AC GATED CLOCK BU	
01037		XA237	14		XA238	14		168	9			ACCPDB	05	AC13BN	01	1	T00	DN			09A		AC GATED CLOCK BU	
01038		XA238	14		XA238	30		168	9			ACCPDB	06	AC02BN	01	1	T00	DN			09A		AC GATED CLOCK BU	
01039		XA238	30		XA237	26		168	9			ACCPDB	07	AC04BN	01	1	T00	FN			15A		AC GATED CLOCK BU	
01040		XA237	26		XA237	30		168	9			ACCPDB	08	AC12BN	01	1	T00	CN			14A		AC GATED CLOCK BU	
01041		XA237	30		XA237	42		168	9			ACCPDB	09	AC15BN	01	1	T00	FN			15A		AC GATED CLOCK BU	
01042		XA237	42		XA238	42		168	9			ACCPDB	10	AC14BN	01	1	T00	EN			20A		AC GATED CLOCK BU	
01043		XA238	42		XA238	46		168	9			ACCPDB	11	AC03BN	01	1	T00	EN			20A		AC GATED CLOCK BU	
01044		XA238	46		XA238	56		168	9			ACCPDB	12	AC06BN	01	1	T00	HN			21A		AC GATED CLOCK BU	
01045		XA238	56		XA238	60		168	9			ACCPDB	13	AC05BN	01	1	T00	GN			26A		AC GATED CLOCK BU	
01046		XA238	60		XA238	70		168	9			ACCPDB	14	AC08BN	01	1	T00	KN			28A		AC GATED CLOCK BU	
01047		XA238	70		XA238	79		168	9			ACCPDB	15	AC07BN	01	1	T00	JN			33A		AC GATED CLOCK BU	
01048		XA238	79					168	9			ACCPDB	16	AC09BN	01	1	T00	LN			39B		AC GATED CLOCK BU	
01049		XA235	11							J	ACCPFA	01	ACCPFA	00	1	T04	A1			05B		ACCPDB BUSS		
01050		XA235	09							J	ACCPFA	01	ACCPFA	00	1	T04	A2			04B		ACCPDB BUSS		
01051		XA235	23		XA235	21		168	9	P	ACCPHA	01	ACCPGB	01	1	T04	B1			11B		AC GATED CLOCK GA		
01052		XA235	21		XA236	01		168	9	P	ACCPJA	02	ACCPGB	02	1	T04	B2			10B		AC GATED CLOCK GA		
01053		XA236	01		XA236	10		168	9			ACCPGB	03	AC22BN	01	1	T00	BN			02B		AC GATED CLOCK BU	
01054		XA236	10		XA236	14		168	9			ACCPGB	04	AC21BN	01	1	T00	AN			07A		AC GATED CLOCK BU	
01055		XA236	14		XA236	26		168	9			ACCPGB	05	AC24BN	01	1	T00	DN			09A		AC GATED CLOCK BU	
01056		XA236	26		XA236	30		168	9			ACCPGB	06	AC23BN	01	1	T00	CN			14A		AC GATED CLOCK BU	
								****			SIGNAL	(ACCPGB)		IS ON THE						****				

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RECORD NUMBER	FROM				TO				WIRE			EVENT	SIGNAL	SEL NO	EQUATION	PLANE	CHK OF CHIP TYPE	LAYER	LAYER OF BOARD PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	W/A	PREFIX	CONNECTOR	PIN	W/A	MULTI GROUP	CODE	COLOR											
01057		XA236	30		XA236	42			168	9			ACCPGB	07	AC26BN	01	1	TDD	FN	19A	AC GATED CLOCK BU	
01058		XA236	42		XA237	46			168	9			ACCPGB	08	AC25BN	01	1	TDD	EN	20A	AC GATED CLOCK BU	
01059		XA237	46		XA236	46			168	9			ACCPGB	09	AC17BN	01	1	TDD	HN	21A	AC GATED CLOCK BU	
01060		XA236	46		XA236	56			168	9			ACCPGB	10	AC28BN	01	1	TDD	HN	21A	AC GATED CLOCK BU	
01061		XA236	56		XA237	56			168	9			ACCPGB	11	AC27BN	01	1	TDD	GN	26A	AC GATED CLOCK BU	
01062		XA237	56		XA237	60			168	9			ACCPGB	12	AC16BN	01	1	TDD	GN	26A	AC GATED CLOCK BU	
01063		XA237	60		XA236	70			168	9			ACCPGB	13	AC19BN	01	1	TDD	KN	28A	AC GATED CLOCK BU	
01064		XA236	70		XA237	70			168	9			ACCPGB	14	AC29BN	01	1	TDD	JN	33A	AC GATED CLOCK BU	
01065		XA237	70		XA237	79			168	9			ACCPGB	15	AC18BN	01	1	TDD	JN	33A	AC GATED CLOCK BU	
01066		XA237	79						168	9			ACCPGB	16	AC20BN	01	1	TDD	LN	39B	AC GATED CLOCK BU	
01067		XA235	23									J	ACCPHA	01	ACCPHA	00	1	TD4	B1	11B	ACCPGB BUSS	
01068		XA235	21									J	ACCPJA	01	ACCPJA	00	1	TD4	B2	10B	ACCPGB BUSS	
01069		XA245	57		XA235	42			168	9			ACCP1A	01	ACCP1A	00	1	TD4	E2	30B	DISABLE AC CLOCK	
01070		XA235	42		XA235	26			168	9			ACCP1A	02	ACCPCA	01	1	TD4	C1	20A		
01071		XA235	26		XA235	20			168	9			ACCP1A	03	ACCPHA	01	1	TD4	B1	14A		
01072		XA235	20		XA235	10			168	9			ACCP1A	04	ACCPJA	01	1	TD4	B2	11A		
01073		XA235	10		XA235	05			168	9			ACCP1A	05	ACCPFA	01	1	TD4	A1	07A		
01074		XA235	05						168	9			ACCP1A	06	ACCPFA	01	2	TD4	A2	03B		
01075		XA235	07		XA235	13			168	9			ACCP2A	01	ACCPFA	01	4	TD4	A2	03A		
01076		XA235	13		XA235	19			168	9			ACCP2A	02	ACCPFA	01	4	TD4	A1	06B		
01077		XA235	19		XA235	25			168	9			ACCP2A	03	ACCPJA	01	4	TD4	B2	09B		
01078		XA235	25		XA235	38			168	9			ACCP2A	04	ACCPHA	01	4	TD4	B1	12B		
01079		XA235	38		XA231	50			168	9			ACCP2A	05	ACCPCA	01	3	TD4	C1	18A		
01080		XA231	50						168	9			ACCP2A	06	ACCPCA	00	1	TT3	D1	23A	CNDTNLY DISABLE A	
01081		XA235	59		XA231	54			168	9			ACCP30	01	ACCP30	00	1	TD4	E1	31B	CNDTNLY DISABLE A	
01082		XA231	54						168	9			ACCP30	02	ACCP2A	01	2	TT3	D1	25A		
01083		XA241	76		XA235	40			168	9			ACCP4A	01	ACCP4A	00	1	TS8	F1	37A	AC CLOCK CODE 16	
01084		XA235	40		XA235	24			168	9			ACCP4A	02	ACCPCA	01	2	TD4	C1	19A		
01085		XA235	24		XA235	18			168	9			ACCP4A	03	ACCPHA	01	2	TD4	B1	13A		
01086		XA235	18		XA235	08			168	9			ACCP4A	04	ACCPJA	01	2	TD4	B2	10A		
01087		XA235	08		XA235	01			168	9			ACCP4A	05	ACCPFA	01	2	TD4	A1	06A		
01088		XA235	01						168	9			ACCP4A	06	ACCPFA	01	3	TD4	A2	02B		
01089		XA235	61		XA231	39			168	9			ACC5CA	01	ACC5CA	01	4	TD4	E1	32B		
01090		XA231	39						168	9			ACC5CA	02	ACC5CA	00	1	TT3	C3	19B	AC CLOCK CODE 5 D	
01091		XA231	37		XA229	75			168	9			ACC510	01	ACC5CA	01	3	TT3	C3	18B		
01092		XA229	75						168	9			ACC510	02	ACC510	00	1	TQ2	F1	37B	AC CLOCK CODE 5 D	
01093		XA229	79		XA228	75			168	9			ACC52A	01	ACC510	01	1	TQ2	F1	39B		
01094		XA228	75						168	9			ACC52A	02	ACC52A	00	1	TQ2	F1	37B	AC CLOCK CODE 5 D	
01095		XA231	31		XA229	77			168	9			ACC53A	01	ACC53A	00	1	TT3	C2	15B	AC CLOCK CODE 5 D	
01096		XA229	77						168	9			ACC53A	02	ACC510	01	2	TQ2	F1	38B		

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR										
01097		XA235	68		XA231	64		16B	9		ACC6CA	01	ACCP30	01 2	T04	E1	32A		
01098		XA231	64					16B	9		ACC6CA	02	ACC6CA	00 1	TT3	E1	33A	AC CLOCK CODE 6 D	
01099		XA231	70		XA230	59		16B	9		ACC610	01	ACC6CA	01 1	TT3	E1	33A		
01100		XA230	59					16B	9		ACC610	02	ACC610	00 1	TS8	E1	311B	AC CLOCK CODE 6 D	
01101		XA231	43		XA230	55		16B	9		ACC62A	01	ACC62A	00 1	TT3	D2	23B	AC CLOCK CODE 6 D	
01102		XA230	55					16B	9		ACC62A	02	ACC610	01 7	TS8	E1	29B		
01103		XA231	51		XA230	60		16B	9		ACC63A	01	ACC63A	00 1	TT3	D3	27B	AC CLOCK CODE 6 D	
01104		XA230	60					16B	9		ACC63A	02	ACC610	01 6	TS8	E1	28A		
01105		XA230	70		XA229	72		16B	9		ACC64A	01	ACC610	01 1	TS8	E1	33A		
01106		XA229	72					16B	9		ACC64A	02	ACC64A	00 1	TQ2	F2	34A	AC CLOCK CODE 6 D	
01107		XA230	61		XA228	72		16B	9		ACC65A	01	ACC610	01 8	TS8	E1	32B		
01108		XA228	72					16B	9		ACC65A	02	ACC65A	00 1	TQ2	F2	34A	AC CLOCK CODE 6 D	
01109		XA231	55		XA230	62		16B	9		ACC66A	01	ACC66A	00 1	TT3	E2	29B	AC CLOCK CODE 6 D	
01110		XA230	62					16B	9		ACC66A	02	ACC610	01 5	TS8	E1	29A		
01111		XA231	63		XA230	68		16B	9		ACC67A	01	ACC67A	00 1	TT3	E3	33B	AC CLOCK CODE 6 D	
01112		XA230	68					16B	9		ACC67A	02	ACC610	01 2	TS8	E1	32A		
01113		XA235	66		XA227	11		16B	9		ACC7CA	01	ACCP30	01 3	T04	E1	31A		
01114		XA227	11					16B	9		ACC7CA	02	ACC7CA	00 1	T04	A1	05B	AC CLOCK CODE 7 D	
01115		XA349	66		XA350	57		16B	9		ACDBCO	01	AC071A	01 3	TT3	E1	31A		
01116		XA350	57		XA350	48		16B	9		ACDBCO	02	AC031A	01 1	TT3	E3	30B		
01117		XA350	48		XA350	42		16B	9		ACDBCO	03	AC021A	01 1	TT3	D2	22A		
01118		XA350	42		XA349	33		16B	9		ACDBCO	04	AC011A	01 1	TT3	C1	20A		
01119		XA349	33		XA350	17		16B	9		ACDBCO	05	AC061A	01 1	TT3	C3	16B		
01120		XA350	17		XA349	14		16B	9		ACDBCO	06	AC001A	01 3	TT3	B2	08B		
01121		XA349	14		XA349	08		16B	9		ACDBCO	07	AC051A	01 2	TT3	B2	09A		
01122		XA349	08		XA247	80		16B	9		ACDBCO	08	AC041A	01 2	TT3	A1	06A		
01123		XA247	80		XA245	78		16B	9		ACDBCO	09	ACDBCO	00 1	TT3	F3	39A	DB 00 - 07 TO AC	
01124		XA245	78					16B	9		ACDBCO	10	AC0E1A	01 4	T04	F1	38A		
01125		XA349	65		XA348	57		16B	9		ACDBD0	01	AC081A	01 3	TT3	F2	34B		
01126		XA348	57		XA348	48		16B	9		ACDBD0	02	AC121A	01 1	TT3	E3	30B		
01127		XA348	48		XA348	42		16B	9		ACDBD0	03	AC111A	01 1	TT3	D2	22A		
01128		XA348	42		XA344	33		16B	9		ACDBD0	04	AC101A	01 1	TT3	C1	20A		
01129		XA344	33		XA344	18		16B	9		ACDBD0	05	AC151A	01 1	TT3	C3	16B		
01130		XA344	18		XA344	10		16B	9		ACDBD0	06	AC141A	01 1	TT3	B2	10A		
01131		XA344	10		XA348	09		16B	9		ACDBD0	07	AC131A	01 1	TT3	A1	07A		
01132		XA348	09		XA245	35		16B	9		ACDBD0	08	AC091A	01 1	TT3	A3	04B		
01133		XA245	35					16B	9		ACDBD0	09	ACDBD0	00 1	T04	C1	17B	DB 08 - 15 TO AC	
								***			SIGNAL (ACDBE0		IS ON THE		NEXT PAGE	***			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																
01134		XA244	68		XA249	72		168	9		ACDBEO	01	AC161A	01	2	TT3	E1	32A				
01135		XA249	72		XA249	70		168	9		ACDBEO	02	AC201A	01	2	TT3	F2	34A				
01136		XA249	70		XA248	46		168	9		ACDBEO	03	AC191A	01	1	TT3	E1	33A				
01137		XA248	46		XA248	42		168	9		ACDBEO	04	AC231A	01	2	TT3	O2	21A				
01138		XA248	42		XA249	33		168	9		ACDBEO	05	AC221A	01	1	TT3	C1	20A				
01139		XA249	33		XA249	17		168	9		ACDBEO	06	AC181A	01	1	TT3	C3	16B				
01140		XA249	17		XA248	13		168	9		ACDBEO	07	AC171A	01	3	TT3	B2	08B				
01141		XA248	13		XA245	21		168	9		ACDBEO	08	AC211A	01	3	TT3	A3	06B				
01142		XA245	21					168	9		ACDBEO	09	ACDBEO	00	1	T04	B2	10B	DB 16 - 23 TO AC			
01143		XA248	61		XA247	60		168	9		ACDBFO	01	AC241A	01	3	TT3	E3	32B				
01144		XA247	60		XA247	56		168	9		ACDBFO	02	AC281A	01	2	TT3	E2	28A				
01145		XA247	56		XA246	35		168	9		ACDBFO	03	AC271A	01	1	TT3	D1	26A				
01146		XA246	35		XA245	23		168	9		ACDBFO	04	AC311A	01	2	TT3	C3	17B				
01147		XA245	23		XA247	21		168	9		ACDBFO	05	ACDBFO	00	1	T04	B1	11B	DB 24 - 31 TO AC			
01148		XA247	21		XA246	14		168	9		ACDBFO	06	AC261A	01	1	TT3	B3	10B				
01149		XA246	14		XA246	10		168	9		ACDBFO	07	AC301A	01	2	TT3	B2	09A				
01150		XA246	10		XA247	05		168	9		ACDBFO	08	AC291A	01	1	TT3	A1	07A				
01151		XA247	05					168	9		ACDBFO	09	AC251A	01	1	TT3	A2	03B				
01152		XA245	22		XA245	19		168	9		ACDB0A	01	ACDBFO	01	3	T04	B1	12A				
01153		XA245	19		XA244	01		168	9		ACDB0A	02	ACDBEO	01	4	T04	B2	09B				
01154		XA244	01					168	9		ACDB0A	03	ACDB0A	00	1	TQ2	A2	02B	AC CNTL CODES 1/2			
01155		XA244	04		XA243	38		168	9		ACDB00	01	ACDB0A	01	1	TQ2	A2	04A				
01156		XA243	38					168	9		ACDB00	02	ACDB00	00	1	TQ2	C1	18A	AC CNTL CODES 1/2			
01157		XA247	78		XA246	64		168	9		ACDB1A	01	ACDBCO	01	3	TT3	F3	38A				
01158		XA246	64		XA245	38		168	9		ACDB1A	02	ACDB1A	00	1	TT3	E1	30A	AD/AC SIGNS NOT E			
01159		XA245	38		XA245	26		168	9		ACDB1A	03	ACDB00	01	3	T04	C1	18A				
01160		XA245	26		XA245	20		168	9		ACDB1A	04	ACDBFO	01	1	T04	B1	14A				
01161		XA245	20					168	9		ACDB1A	05	ACDBEO	01	1	T04	B2	11A				
01162		XA247	69		XA246	55		168	9		ACDB2A	01	ACDBCO	01	1	TT3	F3	35A				
01163		XA246	55		XA245	40		168	9		ACDB2A	02	ACDB2A	00	1	TT3	E2	29B	AD/AC SIGNS NOT E			
01164		XA245	40		XA245	25		168	9		ACDB2A	03	ACDB00	01	2	T04	C1	19A				
01165		XA245	25		XA245	18		168	9		ACDB2A	04	ACDBFO	01	4	T04	B1	12B				
01166		XA245	18					168	9		ACDB2A	05	ACDBEO	01	2	T04	B2	10A				
01167		XA247	76		XA245	37		168	9		ACDB3A	01	ACDBCO	01	2	TT3	F3	37A				
01168		XA245	37		XA244	38		168	9		ACDB3A	02	ACDB00	01	4	T04	C1	18B				
01169		XA244	38		XA243	42		168	9		ACDB3A	03	ACDB3A	00	1	TQ2	C1	18A	AC CNTL CODES 1/3			
01170		XA243	42					168	9		ACDB3A	04	ACDB00	01	1	TQ2	C1	20A				
01171		XA244	42		XA243	30		168	9		ACDB40	01	ACDB3A	01	1	TQ2	C1	20A				
01172		XA243	30					168	9		ACDB40	02	ACDB40	00	1	TQ2	C2	15A	AC CNTL CODES 1/3			
01173		XA244	30		XA243	34		168	9		ACDB5A	01	ACDB5A	00	1	TQ2	C2	15A	AC CNTL CODES 5/7			
01174		XA243	34					168	9		ACDB5A	02	ACDB40	01	2	TQ2	C2	16A				
										****	SIGNAL	(ACDQCA)	IS ON THE NEXT PAGE ****									



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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEC NO	EQUATION	TRIP	TRIP FACTOR	CNT ON TRIP TYPE	CRAMP	LOAD UP W/FAER PLANE	FULL EQUATION	SIGNAL DESCRIPTION	FCO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR											
01213		XA244	20		XA238	11		16B	9		ACSEBP	03	ACSECO	01	1	TQ2	B2	11A			
01214		XA238	11		XA229	71		16B	9		ACSEBP	04	ACSEBP	00	1	TDD	AP	05B	AC SE - CLEAR		
01215		XA229	71		XA213	48		16B	9		ACSEBP	05	ACC64A	01	2	TQ2	F2	36A			
01216		XA213	48		XA212	34		16B	9		ACSEBP	06	AKY23A	01	2	TQ2	O2	22A			
01217		XA212	34					16B	9		ACSEBP	07	AKY53A	01	1	TT3	C2	16A			
01218		XA350	05		XA238	13		16B	9		ACSEBQ	01	ACSE3A	01	1	TT3	A2	03B			
01219		XA238	13		XA221	03		16B	9		ACSEBQ	02	ACSEBQ	00	1	TDD	AQ	06B	AC SE - PRESET		
01220		XA221	03		XA213	41		16B	9		ACSEBQ	03	ADSEB5	01	1	TAD	A5	02A			
01221		XA213	41		XA212	71		16B	9		ACSEBQ	04	AKY24A	01	1	TQ2	D3	22B			
01222		XA212	71		XA212	79		16B	9		ACSEBQ	05	AKY52A	01	1	TT3	F2	36A			
01223		XA212	79					16B	9		ACSEBQ	06	AKY51A	01	1	TT3	F1	39B			
01224		XA350	24		XA244	14		16B	9		ACSECO	01	ACSE5A	01	2	TT3	B1	13A			
01225		XA244	14					16B	9		ACSECO	02	ACSECO	00	1	TQ2	B2	09A	AC SE UNLOAD GATE		
01226		XA347	01		XA245	76		16B	9		ACSE1A	01	ACSE90	01	6	TS8	A1	02B			
01227		XA245	76					16B	9		ACSE1A	02	ACSE1A	00	1	TD4	F1	37A	BUS 00 TO AC SE		
01228		XA350	04		XA347	06		16B	9		ACSE2A	01	ACSE2A	00	1	TT3	A1	04A	ADDER TO AC REG.		
01229		XA347	06					16B	9		ACSE2A	02	ACSE90	01	3	TS8	A1	05A			
01230		XA350	07		XA347	04		16B	9		ACSE3A	01	ACSE3A	00	1	TT3	A2	03A	ACSE RT. SHIFT RE		
01231		XA347	04					16B	9		ACSE3A	02	ACSE90	01	4	TS8	A1	04A			
01232		XA350	15		XA347	13		16B	9		ACSE4A	01	ACSE4A	00	1	TT3	A3	07B	AC LEFT SHIFT 00		
01233		XA347	13					16B	9		ACSE4A	02	ACSE90	01	8	TS8	A1	06B			
01234		XA350	20		XA347	08		16B	9		ACSE5A	01	ACSE5A	00	1	TT3	B1	11A	AD7AC SIGNS NOT E		
01235		XA347	08					16B	9		ACSE5A	02	ACSE90	01	2	TS8	A1	06A			
01236		XA347	11		XA238	08		16B	9		ACSE90	01	ACSE90	00	1	TS8	A1	05B	AC SE INPUT DATA		
01237		XA238	08					16B	9		ACSE90	02	ACSEB1	01	1	TDD	A1	06A			
01238		XA243	54		XA242	47		16B	9		ACZD1A	01	ACZD10	01	2	TQ2	D1	25A			
01239		XA242	47					16B	9		ACZD1A	02	ACZD1A	00	1	TS8	D1	25B	AC ZERO DCD SE -		
01240		XA243	52		XA242	37		16B	9		ACZD10	01	ACZD10	00	1	TQ2	D1	24A	AC ZERO DCD SE -		
01241		XA242	37		XA235	46		16B	9		ACZD10	02	ACZRCA	01	8	TS8	C1	18B			
01242		XA235	46					16B	9		ACZD10	03	ACZ1CA	01	3	TD4	D2	21A			
01243		XA243	50		XA242	59		16B	9		ACZD2A	01	ACZD20	01	1	TQ2	D2	23A			
01244		XA242	59					16B	9		ACZD2A	02	ACZD2A	00	1	TS8	E1	31B	AC ZERO DCD 07 -		
01245		XA243	46		XA242	40		16B	9		ACZD20	01	ACZD20	00	1	TQ2	D2	21A	AC ZERO DCD 07 -		
01246		XA242	40		XA235	48		16B	9		ACZD20	02	ACZRCA	01	2	TS8	C1	19A			
01247		XA235	48					16B	9		ACZD20	03	ACZ1CA	01	2	TD4	D2	22A			
01248		XA243	43		XA241	47		16B	9		ACZD3A	01	ACZD30	01	2	TQ2	D3	23B			
01249		XA241	47					16B	9		ACZD3A	02	ACZD3A	00	1	TS8	D1	25B	AC ZERO DCD 15 -		

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RECORD NUMBER	FROM				TO				SIGNAL	SIGNAL NO.	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	UNIT	LOAD OR POWER PLANE	TEST POINTS LOCATION	SIGNAL DESCRIPTION	ECO NO.	
	PREFIX	CONNECTOR	PIN	KEY	PREFIX	CONNECTOR	PIN	KEY												
01250		XA243	45		XA242	36		168	9	ACZD30	01	ACZD30	00	1	TQ2	D3	24B	AC ZERO DCD 15 -		
01251		XA242	36		XA235	50		168	9	ACZD30	02	ACZRC	01	4	TS8	C1	17A			
01252		XA235	50					168	9	ACZD30	03	ACZ1CA	01	1	TQ4	D2	23A			
01253		XA243	49		XA241	59		168	9	ACZD4A	01	ACZD4A	01	2	TQ2	D4	28B	AC ZERO DCD 23 -		
01254		XA241	59					168	9	ACZD4A	02	ACZD4A	00	1	TS8	E1	31B			
01255		XA243	51		XA242	42		168	9	ACZD40	01	ACZD40	00	1	TQ2	D4	27B	AC ZERO DCD 23 -		
01256		XA242	42		XA235	43		168	9	ACZD40	02	ACZRC	01	1	TS8	C1	20A			
01257		XA235	43					168	9	ACZD40	03	ACZ1CA	01	4	TQ4	D2	23B			
01259		XA228	77		XA242	35		168	9	ACZRC	02	ACC52A	01	2	TQ2	F1	38B	AC IS ZERO - A		
01260		XA242	35		XA243	35		168	9	ACZRC	03	ACZRC	00	1	TS8	C1	17B			
01261		XA243	35					168	9	ACZRC	04	ACZRC0	01	1	TQ2	C4	17B			
01267		XA243	39					168	9	ACZRC0	02	ACZRC0	00	1	TQ2	C4	19B			AC IS ZERO - 0
01269		XA235	45					168	9	ACZ1CA	02	ACZ1CA	00	1	TQ4	D2	24B		AC IS ZERO/ONE -	
01275		XA115	48		XA238	09		168	9	AC00BP	02	AQLS1A	01	1	TT3	D2	22A	AC 00 - CLEAR		
01276		XA238	09		XA244	25		168	9	AC00BP	03	AC00BP	00	1	TQ0	BP	04B			
01277		XA244	25		XA244	29		168	9	AC00BP	04	AC00C0	01	2	TQ2	B4	12B			
01278		XA244	29		XA242	52		168	9	AC00BP	05	ACLS1A	01	1	TQ2	C3	14B			
01279		XA242	52					168	9	AC00BP	06	ACZD1A	01	3	TS8	D1	24A			
01281		XA324	76		XA219	41		168	9	AC00BQ	02	AD00C0	01	1	TLD	F4	37A			
01282		XA219	41		XA238	07		168	9	AC00BQ	03	AD00B2	01	1	TAD	D2	22B			
01283		XA238	07		XA244	17		168	9	AC00BQ	04	AC00BQ	00	1	TQ0	BQ	03A	AC 00 - PRESET		
01284		XA244	17					168	9	AC00BQ	05	AC00CA	01	1	TQ2	B3	08B			
01289		XA244	21		XA113	07		168	9	AC00CA	01	AC00CA	00	1	TQ2	B3	10B	AC 00 UNLOAD - A		
01290		XA113	07					168	9	AC00CA	02	AQC64A	01	2	TQ2	A3	03A			
01293		XA350	37		XA350	13		168	9	AC00C0	01	AC013A	01	3	TT3	C3	18B	AC 00 TRUE OUTPUT		
01294		XA350	13		XA244	27		168	9	AC00C0	02	ACSE4A	01	3	TT3	A3	06B			
01295		XA244	27		XA224	03		168	9	AC00C0	03	AC00C0	00	1	TQ2	B4	13B			
01296		XA224	03		XA113	04		168	9	AC00C0	04	AD00GA	01	1	TQ2	A3	02A			
01297		XA113	04					168	9	AC00C0	05	AQC63A	01	1	TQ2	A2	04A			
01298		XA350	19		XA347	20		168	9	AC001A	01	AC001A	00	1	TT3	B2	09B	BUS TO AC REG. -		
01299		XA347	20					168	9	AC001A	02	AC0090	01	4	TS8	B1	11A			
01300		XA350	27		XA347	26		168	9	AC002A	01	AC002A	00	1	TT3	B3	13B		ADDER TO AC REG.	
										****	SIGNAL	(AC002A)	IS ON THE NEXT PAGE				****			



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RECORD NUMBER	FROM				TO				W R E			SIGNAL	SEC NO	EQUATION	T1	FAC	CUT OFF TYPE	SIGNAL DESCRIPTION	SEC NO							
	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	LINE	MULTI GROUP	CODE	COLON									IDENT						
01301		XA347	26										AC002A	02	AC0090	01	1	TS8	B1	14A						
01302		XA347	14		XA242	23							AC003A	01	AC0090	01	6	TS8	B1	09A						
01303		XA242	23										AC003A	02	AC003A	00	1	TS8	B1	11B	AC RT. SHIFT BIT					
01304		XA347	18		XA245	69							AC004A	01	AC0090	01	5	TS8	B1	10A						
01305		XA245	69										AC004A	02	AC004A	00	1	T04	F2	35A	AC LEFT SHIFT BIT					
01306		XA347	23		XA238	05							AC0090	01	AC0090	00	1	TS8	B1	10B	AC 00 INPUT DATA					
01307		XA238	05										AC0090	02	AC00B1	01	1	T00	B1	03B						
01310		XA244	37		XA242	46							AC018P	01	ACLS2A	01	2	TQ2	C4	18B						
01311		XA242	46		XA238	23							AC018P	02	ACZ01A	01	6	TS8	D1	21A						
01312		XA238	23		XA113	03							AC018P	03	AC018P	00	1	T00	CP	11B	AC 01 - CLEAR					
01313		XA113	03										AC018P	04	AQC64A	01	1	TQ2	A3	02A						
01314		XA324	74		XA350	66							AC018Q	01	DA01CD	01	2	TLD	F3	35B						
01315		XA350	66		XA238	25							AC018Q	02	AC023A	01	3	TT3	E1	31A						
01316		XA238	25		XA231	21							AC018Q	03	AC018Q	00	1	T00	C0	12B	AC 01 - PRESET					
01317		XA231	21		XA220	03							AC018Q	04	AL001A	01	1	TT3	93	10B						
01318		XA220	03		XA113	05							AC018Q	05	AD01B5	01	1	TAD	A5	02A						
01319		XA113	05										AC018Q	06	AQC63A	01	2	TQ2	A2	03B						
01322		XA350	36		XA347	36							AC011A	01	AC011A	00	1	TT3	C1	17A	BUS TO AC REG. -					
01323		XA347	36										AC011A	02	AC0190	01	4	TS8	C1	17A						
01324		XA350	31		XA347	34							AC012A	01	AC012A	00	1	TT3	C2	15B	ADDER TO AC REG.					
01325		XA347	34										AC012A	02	AC0190	01	5	TS8	C1	16A						
01326		XA350	39		XA347	30							AC013A	01	AC013A	00	1	TT3	C3	19B	AC RT. SHIFT 00 T					
01327		XA347	30										AC013A	02	AC0190	01	6	TS8	C1	15A						
01328		XA350	50		XA347	40							AC014A	01	AC014A	00	1	TT3	D1	23A	AC LEFT SHIFT 02					
01329		XA347	40										AC014A	02	AC0190	01	2	TS8	C1	19A						
01330		XA347	35		XA238	24							AC0190	01	AC0190	00	1	TS8	C1	17B	AC 01 INPUT DATA					
01331		XA238	24										AC0190	02	AC0181	01	1	T00	C1	15A						
01334		XA242	43		XA238	21							AC028P	01	ACZ01A	01	7	TS8	D1	23B						
01335		XA238	21										AC028P	02	AC028P	00	1	T00	DP	10B	AC 02 - CLEAR					
01336		XA350	72		XA350	52							AC028Q	01	AC033A	01	2	TT3	F2	34A						
01337		XA350	52		XA238	19							AC028Q	02	AC014A	01	3	TT3	D1	24A						
01338		XA238	19		XA227	04							AC028Q	03	AC028Q	00	1	T00	DQ	09B	AC 02 - PRESET					
01339		XA227	04		XA221	29							AC028Q	04	ADSXCA	01	1	T04	A2	04A						
01340		XA221	29		XA227	66							AC028Q	05	AD02B5	01	1	TAD	C5	14B						
01341		XA227	66		XA324	71							AC028Q	06	AL002A	01	3	T04	E1	31A						
01342		XA324	71										AC028Q	07	DA02CD	01	2	TLD	F2	36A						
01343		XA350	43		XA347	46							AC021A	01	AC021A	00	1	TT3	D2	23B	BUS TO AC REG. -					
													****	SIGNAL		AC021A	IS ON THE NEXT PAGE: ****									

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	EQUATION	TEST POINTS AND OR	SIGNAL DESCRIPTION	EQUATION						
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN		GROUP	CODE	COLOR						IDENT.					
01344		XA347	46							16B	9		AC021A	02	AC0290	01 6	TS8	D1	21A			
01345		XA350	51		XA347	48				16B	9		AC022A	01	AC022A	00 1	TT3	D3	27B		ADDER TO AC REG.	
01346		XA347	48							16B	9		AC022A	02	AC0290	01 5	TS8	D1	22A			
01347		XA350	64		XA347	52				16B	9		AC023A	01	AC023A	00 1	TT3	E1	30A		AC RT. SHIFT 01 T	
01348		XA347	52							16B	9		AC023A	02	AC0290	01 3	TS8	D1	24A			
01349		XA350	55		XA347	50				16B	9		AC024A	01	AC024A	00 1	TT3	E2	29B		AC LEFT SHIFT 03	
01350		XA347	50							16B	9		AC024A	02	AC0290	01 4	TS8	D1	23A			
01351		XA347	47		XA238	18				16B	9		AC0290	01	AC0290	00 1	TS8	D1	25B		AC 02 INPUT DATA	
01352		XA238	18							16B	9		AC0290	02	AC028T	01 1	TDD	DI	10A			
01353		XA242	49		XA238	35				16B	9		AC03BP	01	AC03BP	01 8	TS8	D1	26B			
01354		XA238	35							16B	9		AC03BP	02	AC03BP	00 1	TDD	EP	17B		AC 03 - CLEAR	
01355		XA350	60		XA349	09				16B	9		AC03BQ	01	AC024A	01 2	TT3	E2	28A			
01356		XA349	09		XA238	37				16B	9		AC03BQ	02	AC03BQ	01 1	TT3	A3	04B			
01357		XA238	37		XA224	36				16B	9		AC03BQ	03	AC03BQ	00 1	TDD	EQ	18B		AC 03 - PRESET	
01358		XA224	36		XA218	41				16B	9		AC03BQ	04	AD03GA	01 1	TQ2	C2	17A			
01359		XA218	41		XA324	77				16B	9		AC03BQ	05	AD03B2	01 1	TAD	D2	22B			
01360		XA324	77							16B	9		AC03BQ	06	DA03CD	01 2	TLD	F1	38B			
01361		XA350	63		XA347	62				16B	9		AC031A	01	AC031A	00 1	TT3	E3	33B		BUS TO AC REG. -	
01362		XA347	62							16B	9		AC031A	02	AC0390	01 5	TS8	E1	29A			
01363		XA350	73		XA347	66				16B	9		AC032A	01	AC032A	00 1	TT3	F1	36B		ADDER TO AC REG.	
01364		XA347	66							16B	9		AC032A	02	AC0390	01 3	TS8	E1	31A			
01365		XA350	74		XA347	64				16B	9		AC033A	01	AC033A	00 1	TT3	F2	35B		AC RT. SHIFT 02 T	
01366		XA347	64							16B	9		AC033A	02	AC0390	01 4	TS8	E1	30A			
01367		XA350	80		XA347	61				16B	9		AC034A	01	AC034A	00 1	TT3	F3	39A		AC LEFT SHIFT 04	
01368		XA347	61							16B	9		AC034A	02	AC0390	01 8	TS8	E1	32B			
01369		XA347	59		XA238	40				16B	9		AC0390	01	AC0390	00 1	TS8	E1	31B		AC 03 INPUT DATA	
01370		XA238	40							16B	9		AC0390	02	AC038T	01 1	TDD	E1	19A			
01371		XA242	48		XA238	33				16B	9		AC04BP	01	AC04BP	01 5	TS8	D1	22A			
01372		XA238	33							16B	9		AC04BP	02	AC04BP	00 1	TDD	FP	16B		AC 04 - CLEAR	
01373		XA350	78		XA349	38				16B	9		AC04BQ	01	AC034A	01 3	TT3	F3	38A			
01374		XA349	38		XA238	31				16B	9		AC04BQ	02	AC053A	01 3	TT3	C1	18A			
01375		XA238	31		XA221	41				16B	9		AC04BQ	03	AC04BQ	00 1	TDD	FQ	15B		AC 04 - PRESET	
01376		XA221	41		XA220	17				16B	9		AC04BQ	04	AD04L2	01 1	TAD	O2	22B			
01377		XA220	17		XA324	61				16B	9		AC04BQ	05	AD04B5	01 1	TAD	B5	08B			
01378		XA324	61							16B	9		AC04BQ	06	DA04C0	01 2	TLD	E4	32B			
01379		XA349	04		XA347	73				16B	9		AC041A	01	AC041A	00 1	TT3	A1	04A		BUS TO AC REG. -	
										****	SIGNAL	(AC041A)		S ON THE	NEXT PAGE	****						

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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AC041A

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	REF. NO.	EQUATION	TERMS	FACTORS	LKT. OR TIME TYPE	SWAP	LOAD OR POLE PLANE	POINT OR ANGLE	SIGNAL DESCRIPTION	EQU. NO.
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
01380		XA347	73							16B	9		AC041A	02	AC0490	01	4	TS8	F1		36B	
01381		XA349	07		XA347	78				16B	9		AC042A	01	AC042A	00	1	TT3	A2		03A	ADDER TO AC REG.
01382		XA347	78							16B	9		AC042A	02	AC0490	01	8	TS8	F1		38A	
01383		XA349	15		XA347	75				16B	9		AC043A	01	AC043A	00	1	TT3	A3		07B	AC RT. SHIFT 03 T
01384		XA347	75							16B	9		AC043A	02	AC0490	01	3	TS8	F1		37B	
01385		XA349	20		XA347	77				16B	9		AC044A	01	AC044A	00	1	TT3	B1		11A	AC LEFT SHIFT 05
01386		XA347	77							16B	9		AC044A	02	AC0490	01	2	TS8	F1		38B	
01389		XA347	76		XA238	34				16B	9		AC0490	01	AC0490	03	1	TS8	F1		37A	AC 04 INPUT DATA
01390		XA238	34							16B	9		AC0490	02	AC0481	01	1	TDD	F1		16A	
01391		XA242	56		XA238	47				16B	9		AC058P	01	AC2D1A	01	1	TS8	D1		26A	
01392		XA238	47							16B	9		AC058P	02	AC058P	00	1	TDD	GP		25B	AC 05 - CLEAR
01393		XA349	46		XA349	22				16B	9		AC058Q	01	AC063A	01	2	TT3	D2		21A	
01394		XA349	22		XA238	49				16B	9		AC058Q	02	AC044A	01	3	TT3	B1		12A	
01395		XA238	49		XA219	03				16B	9		AC058Q	03	AC058Q	00	1	TDD	GQ		26B	AC 05 - PRESET
01396		XA219	03		XA324	55				16B	9		AC058Q	04	AD0585	01	1	TAD	A5		02A	
01397		XA324	55							16B	9		AC058Q	05	DA05C0	01	2	TLD	E3		29B	
01398		XA349	19		XA346	01				16B	9		AC051A	01	AC051A	00	1	TT3	B2		09B	BUS TO AC REG. -
01399		XA346	01							16B	9		AC051A	02	AC0590	01	6	TS8	A1		02B	
01400		XA349	27		XA346	06				16B	9		AC052A	01	AC052A	00	1	TT3	B3		13B	ADDER TO AC REG.
01401		XA346	06							16B	9		AC052A	02	AC0590	01	3	TS8	A1		05A	
01402		XA349	36		XA346	13				16B	9		AC053A	01	AC053A	00	1	TT3	C1		17A	AC RT. SHIFT 04 T
01403		XA346	13							16B	9		AC053A	02	AC0590	01	8	TS8	A1		06B	
01404		XA349	31		XA346	05				16B	9		AC054A	01	AC054A	00	1	TT3	C2		15B	AC LEFT SHIFT 06
01405		XA346	05							16B	9		AC054A	02	AC0590	01	5	TS8	A1		03B	
01406		XA346	11		XA238	54				16B	9		AC0590	01	AC0590	03	1	TS8	A1		05B	AC 05 INPUT DATA
01407		XA238	54							16B	9		AC0590	02	AC0581	01	1	TDD	GT		25A	
01408		XA242	54		XA238	45				16B	9		AC068P	01	AC2D1A	01	2	TS8	D1		25A	
01409		XA238	45							16B	9		AC068P	02	AC068P	00	1	TDD	HP		24B	AC 06 - CLEAR
01410		XA324	62		XA349	61				16B	9		AC068Q	01	DA06C0	01	2	TLD	E2		29A	
01411		XA349	61		XA349	30				16B	9		AC068Q	02	AC073A	01	3	TT3	E3		32B	
01412		XA349	30		XA238	43				16B	9		AC068Q	03	AC054A	01	2	TT3	C2		15A	
01413		XA238	43		XA218	03				16B	9		AC068Q	04	AC068Q	00	1	TDD	HQ		23B	AC 06 - PRESET
01414		XA218	03							16B	9		AC068Q	05	AD0685	01	1	TAD	A5		02A	
01415		XA349	39		XA346	24				16B	9		AC061A	01	AC061A	00	1	TT3	C3		19B	BUS TO AC REG. -
01416		XA346	24							16B	9		AC061A	02	AC0690	01	2	TS8	B1		13A	
										****	SIGNAL	AC062A										IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	GROUP	CODE	COLOR	IDENT												SPRINGS
01417		XA349	50			XA346	22			168	9			AC062A	01	AC062A	00	1	TT3	D1	23A	ADDER TO AC REG.		
01418		XA346	22							168	9			AC062A	02	AC0690	01	3	TS8	B1	12A			
01419		XA349	43			XA346	20			168	9			AC063A	01	AC063A	00	1	TT3	D2	23B	AC RT. SHIFT 05 T		
01420		XA346	20							168	9			AC063A	02	AC0690	01	4	TS8	B1	11A			
01421		XA349	51			XA346	25			168	9			AC064A	01	AC064A	00	1	TT3	D3	27B	AC LEFT SHIFT 07		
01422		XA346	25							168	9			AC064A	02	AC0690	01	8	TS8	B1	12B			
01423		XA346	23			XA238	48			168	9			AC0690	01	AC0690	00	1	TS8	B1	11B	AC 06 INPUT DATA		
01424		XA238	48							168	9			AC0690	02	AC0681	01	1	TDD	H1	22A			
01425		XA242	70			XA238	59			168	9			AC078P	01	AC0702A	01	1	TS8	E1	33A			
01426		XA238	59							168	9			AC078P	02	AC078P	00	1	TDD	JP	31B	AC 07 - CLEAR		
01427		XA349	49			XA348	06			168	9			AC078Q	01	AC064A	01	3	TT3	D3	26B			
01428		XA348	06			XA238	61			168	9			AC078Q	02	AC083A	01	3	TT3	A1	05A			
01429		XA238	61			XA223	42			168	9			AC078Q	03	AC078Q	00	1	TDD	JQ	32B	AC 07 - PRESET		
01430		XA223	42			XA217	41			168	9			AC078Q	04	AD07GA	01	1	TQ2	C1	20A			
01431		XA217	41			XA324	70			168	9			AC078Q	05	AD07B2	01	1	TAD	D2	22B			
01432		XA324	70							168	9			AC078Q	06	DA07CD	01	1	TLO	E1	33A			
01433		XA349	64			XA346	40			168	9			AC071A	01	AC071A	00	1	TT3	E1	30A	BUS TO AC REG. -		
01434		XA346	40							168	9			AC071A	02	AC0790	01	2	TS8	C1	19A			
01435		XA349	55			XA346	38			168	9			AC072A	01	AC072A	00	1	TT3	E2	29B	ADDER TO AC REG.		
01436		XA346	38							168	9			AC072A	02	AC0790	01	3	TS8	C1	18A			
01437		XA349	63			XA346	42			168	9			AC073A	01	AC073A	00	1	TT3	E3	33B	AC RT. SHIFT 06 T		
01438		XA346	42							168	9			AC073A	02	AC0790	01	1	TS8	C1	20A			
01439		XA349	73			XA346	37			168	9			AC074A	01	AC074A	00	1	TT3	F1	36B	AC LEFT SHIFT 08		
01440		XA346	37							168	9			AC074A	02	AC0790	01	8	TS8	C1	18B			
01441		XA347	74			XA347	70			168	9			AC076A	01	AC0490	01	7	YS8	F1	35B			
01442		XA347	70			XA347	56			168	9			AC076A	02	AC0390	01	1	TS8	E1	33A			
01443		XA347	56			XA347	42			168	9			AC076A	03	AC0290	01	1	TS8	DI	26A			
01444		XA347	42			XA346	30			168	9			AC076A	04	AC0190	01	1	TS8	C1	20A			
01445		XA346	30			XA347	25			168	9			AC076A	05	AC0790	01	6	TS8	C1	15A			
01446		XA347	25			XA346	14			168	9			AC076A	06	AC0090	01	8	TS8	B1	12B			
01447		XA346	14			XA346	10			168	9			AC076A	07	AC0690	01	6	TS8	B1	09A			
01448		XA346	10			XA347	05			168	9			AC076A	08	AC0590	01	1	TS8	A1	07A			
01449		XA347	05			XA249	04			168	9			AC076A	09	AC0590	01	5	TS8	A1	03B			
01450		XA249	04							168	9			AC076A	10	AC076A	00	1	TT3	A1	04A	DB 28 TO AC SE -		
01451		XA346	04			XA347	10			168	9			AC077A	01	AC0590	01	4	TS8	A1	04A			
01452		XA347	10			XA347	19			168	9			AC077A	02	AC0590	01	1	TS8	A1	07A			
01453		XA347	19			XA346	26			168	9			AC077A	03	AC0090	01	7	TS8	B1	09B			
01454		XA346	26			XA346	34			168	9			AC077A	04	AC0690	01	1	TS8	B1	14A			
01455		XA346	34			XA347	37			168	9			AC077A	05	AC0790	01	5	TS8	C1	16A			
													****	SIGNAL	(AC077A)	IS ON THE NEXT PAGE				****				

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
01456		XA347	37			XA347	49		168	9			AC077A	06	AC0190	01	8	TS8	C1		18B		
01457		XA347	49			XA347	55		168	9			AC077A	07	AC0290	01	8	TS8	D1		26B		
01458		XA347	55			XA347	72		168	9			AC077A	08	AC0390	01	7	TS8	E1		29B		
01459		XA347	72			XA344	74		168	9			AC077A	09	AC0490	01	6	TS8	F1		34A		
01460		XA344	74						168	9			AC077A	10	AC077A	00	1	TT3	F2		35B	DB 16 TC AC SE -	
01461		XA347	71			XA347	68		168	9			AC078A	01	AC0490	01	5	TS8	F1		36A		
01462		XA347	68			XA347	54		168	9			AC078A	02	AC0390	01	2	TS8	E1		32A		
01463		XA347	54			XA347	38		168	9			AC078A	03	AC0290	01	2	TS8	D1		25A		
01464		XA347	38			XA346	31		168	9			AC078A	04	AC0190	01	3	TS8	C1		18A		
01465		XA346	31			XA347	22		168	9			AC078A	05	AC0790	01	7	TS8	C1		15B		
01466		XA347	22			XA346	18		168	9			AC078A	06	AC0090	01	3	TS8	B1		12A		
01467		XA346	18			XA346	08		168	9			AC078A	07	AC0690	01	5	TS8	B1		10A		
01468		XA346	08			XA347	07		168	9			AC078A	08	AC0590	01	2	TS8	A1		06A		
01469		XA347	07			XA249	07		168	9			AC078A	09	AC0590	01	7	TS8	A1		03A		
0147C		XA249	07						168	9			AC078A	10	AC078A	00	1	TT3	A2		03A	AQ 00 TO AC SE-07	
01471		XA346	35			XA238	68		168	9			AC0790	01	AC0790	00	1	TS8	C1		17B	AC 07 INPUT DATA	
01472		XA238	68						168	9			AC0790	02	AC0781	01	1	TDD	J1		32A		
01473		XA242	68			XA238	57		168	9			AC088P	01	AC020A	01	2	TS8	E1		32A		
01474		XA238	57						168	9			AC088P	02	AC088P	00	1	TDD	KP		30B	AC 08 - CLEAR	
01475		XA334	76			XA349	79		168	9			AC088Q	01	DA08CD	01	1	TLD	F4		37A		
01476		XA349	79			XA348	14		168	9			AC088Q	02	AC074A	01	1	TT3	F1		39B		
01477		XA348	14			XA238	55		168	9			AC088Q	03	AC093A	01	2	TT3	B2		09A		
01478		XA238	55			XA221	53		168	9			AC088Q	04	AC088Q	00	1	TDD	K0		29B	AC 08 - PRESET	
01479		XA221	53			XA220	29		168	9			AC088Q	05	AD08L2	01	1	TAD	E2		28B		
01480		XA220	29						168	9			AC088Q	06	AD08B5	01	1	TAD	C5		14B		
01481		XA349	74			XA346	50		168	9			AC081A	01	AC081A	00	1	TT3	F2		35B	BUS TO AC REG. -	
01482		XA346	50						168	9			AC081A	02	AC0890	01	4	TS8	D1		23A		
01483		XA349	80			XA346	54		168	9			AC082A	01	AC082A	00	1	TT3	F3		39A	ADDER TO AC REG.	
01484		XA346	54						168	9			AC082A	02	AC0890	01	2	TS8	D1		25A		
01485		XA348	04			XA346	48		168	9			AC083A	01	AC083A	00	1	TT3	A1		04A	AC RT. SHIFT 07 T	
01486		XA346	48						168	9			AC083A	02	AC0890	01	5	TS8	D1		22A		
01487		XA348	07			XA346	46		168	9			AC084A	01	AC084A	00	1	TT3	A2		03A	AC LEFT SHIFT 09	
01488		XA346	46						168	9			AC084A	02	AC0890	01	6	TS8	D1		21A		
01489		XA346	47			XA238	62		168	9			AC0890	01	AC0890	00	1	TS8	D1		25B	AC 08 INPUT DATA	
01490		XA238	62						168	9			AC0890	02	AC0881	01	1	TDD	K1		29A		
01493		XA242	66			XA238	76		168	9			AC098P	01	AC020A	01	3	TS8	E1		31A		
01494		XA238	76						168	9			AC098P	02	AC098P	00	1	TDD	LP		37A	AC 09 - CLEAR	
01495		XA348	37			XA348	05		168	9			AC098Q	01	AC103A	01	3	TT3	C3		18B		
01496		XA348	05			XA238	78		168	9			AC098Q	02	AC084A	01	1	TT3	A2		03B		
												****	SIGNAL	(AC098Q)	IS ON THE	NEXT PAGE	****						

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLCH	IDENT	SIGNAL	EQ NO	EQUATION	S	Z	E	CHK OP CHIP TYPE	WOP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE																
01497		XA238	78		XA334	74								AC09BQ	03	AC09BQ	00	1	TDD	LQ		38A	AC 09 - PRESET		
01498		XA334	74		XA219	17								AC09BQ	04	DA09CD	01	2	TLD	F3		35B			
01499		XA219	17											AC09BQ	05	AD09B5	01	1	TAD	B5		08B			
01500		XA348	15		XA346	60								AC091A	01	AC091A	00	1	TT3	A3		07B	BUS TO AC REG. -		
01501		XA346	60											AC091A	02	AC0990	01	6	TS8	E1		28A			
01502		XA348	20		XA346	64								AC092A	01	AC092A	00	1	TT3	B1		11A	ADDER TO AC REG.		
01503		XA346	64											AC092A	02	AC0990	01	4	TS8	E1		30A			
01504		XA348	19		XA346	62								AC093A	01	AC093A	00	1	TT3	B2		09B	AC RT. SHIFT 08 T		
01505		XA346	62											AC093A	02	AC0990	01	5	TS8	E1		29A			
01506		XA348	27		XA346	66								AC094A	01	AC094A	00	1	TT3	B3		13B	AC LEFT SHIFT 10		
01507		XA346	66											AC094A	02	AC0990	01	3	TS8	E1		31A			
01508		XA346	59		XA238	77								AC0990	01	AC0990	00	1	TS8	E1		31B	AC 09 INPUT DATA		
01509		XA238	77											AC0990	02	AC09B1	01	1	TDD	LI		38B			
01510		XA242	60		XA237	11								AC10BP	01	AC2D2A	01	6	TS8	E1		28A			
01511		XA237	11											AC10BP	02	AC10BP	00	1	TDD	AP		05B	AC 10 - CLEAR		
01512		XA334	71		XA348	66								AC10BQ	01	DA10CD	01	2	TLD	F2		36A			
01513		XA348	66		XA348	25								AC10BQ	02	AC113A	01	3	TT3	E1		31A			
01514		XA348	25		XA237	13								AC10BQ	03	AC094A	01	3	TT3	B3		12B			
01515		XA237	13		XA218	17								AC10BQ	04	AC10BQ	00	1	TDD	AQ		06B	AC 10 - PRESET		
01516		XA218	17											AC10BQ	05	AD10B5	01	1	TAD	B5		08B			
01517		XA348	36		XA346	73								AC101A	01	AC101A	00	1	TT3	C1		17A	BUS TO AC REG. -		
01518		XA346	73											AC101A	02	AC1090	01	4	TS8	F1		36B			
01519		XA348	31		XA346	71								AC102A	01	AC102A	00	1	TT3	C2		15B	ADDER TO AC REG.		
01520		XA346	71											AC102A	02	AC1090	01	5	TS8	F1		36A			
01521		XA348	39		XA346	75								AC103A	01	AC103A	00	1	TT3	C3		19B	AC RT. SHIFT 09 T		
01522		XA346	75											AC103A	02	AC1090	01	3	TS8	F1		37B			
01523		XA348	50		XA346	77								AC104A	01	AC104A	00	1	TT3	D1		23A	AC LEFT SHIFT 11		
01524		XA346	77											AC104A	02	AC1090	01	2	TS8	F1		38B			
01527		XA346	76		XA237	08								AC1090	01	AC1090	00	1	TS8	F1		37A	AC 10 INPUT DATA		
01528		XA237	08											AC1090	02	AC10B1	01	1	TDD	AI		06A			
01531		XA242	62		XA237	09								AC11BP	01	AC2D2A	01	5	TS8	E1		29A			
01532		XA237	09											AC11BP	02	AC11BP	00	1	TDD	BP		04B	AC 11 - CLEAR		
01533		XA348	52		XA348	65								AC11BQ	01	AC104A	01	3	TT3	D1		24A			
01534		XA348	65		XA334	77								AC11BQ	02	AC123A	01	3	TT3	F2		34B			
01535		XA334	77		XA217	53								AC11BQ	03	DA11C0	01	2	TLD	F1		38B			
01536		XA217	53		XA223	35								AC11BQ	04	AD11B2	01	1	TAD	E2		28B			
													****	SIGNAL	(AC11BQ)	IS ON THE NEXT PAGE					****				

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AC11BQ

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

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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	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
01537		XA223	35			XA237	07		16B	9			AC11BQ	05	AD11GA	01	1	TQ2	C4		17B		
01538		XA237	07						16B	9			AC11BQ	06	AC11BQ	00	1	TDD	BQ		03A	AC 11 - PRESET	
01539		XA348	43			XA345	05		16B	9			AC111A	01	AC111A	00	1	TT3	D2		23B	BUS TO AC REG. -	
01540		XA345	05						16B	9			AC111A	02	AC1190	01	5	TS8	A1		03B		
01541		XA348	51			XA345	04		16B	9			AC112A	01	AC112A	00	1	TT3	D3		27B	ADDER TO AC REG.	
01542		XA345	04						16B	9			AC112A	02	AC1190	01	4	TS8	A1		04A		
01543		XA348	64			XA345	06		16B	9			AC113A	01	AC113A	00	1	TT3	E1		30A	AC RT. SHIFT 10 T	
01544		XA345	06						16B	9			AC113A	02	AC1190	01	3	TS8	A1		05A		
01545		XA348	55			XA345	13		16B	9			AC114A	01	AC114A	00	1	TT3	E2		29B	AC LEFT SHIFT 12	
01546		XA345	13						16B	9			AC114A	02	AC1190	01	8	TS8	A1		06B		
01547		XA345	11			XA237	05		16B	9			AC1190	01	AC1190	00	1	TS8	A1		05B	AC 11 INPUT DATA	
01548		XA237	05						16B	9			AC1190	02	AC1181	01	1	TDD	B1		03B		
01549		XA242	64			XA237	23		16B	9			AC128P	01	AC2D2A	01	4	TS8	E1		30A		
01550		XA237	23						16B	9			AC128P	02	AC128P	00	1	TDD	CP		11B	AC 12 - CLEAR	
01551		XA348	60			XA344	13		16B	9			AC128Q	01	AC114A	01	2	TT3	E2		28A		
01552		XA344	13			XA334	59		16B	9			AC128Q	02	AC133A	01	3	TT3	A3		06B		
01553		XA334	59			XA237	25		16B	9			AC128Q	03	DA12CD	01	1	TLD	E4		31B		
01554		XA237	25			XA220	41		16B	9			AC128Q	04	AC128Q	00	1	TDD	CQ		12B	AC 12 - PRESET	
01555		XA220	41			XA219	29		16B	9			AC128Q	05	AD12L2	01	1	TAD	D2		22B		
01556		XA219	29						16B	9			AC128Q	06	AD1285	01	1	TAD	C5		14B		
01557		XA348	63			XA345	14		16B	9			AC121A	01	AC121A	00	1	TT3	E3		33B	BUS TO AC REG. -	
01558		XA345	14						16B	9			AC121A	02	AC1290	01	6	TS8	B1		09A		
01559		XA348	73			XA345	20		16B	9			AC122A	01	AC122A	00	1	TT3	F1		36B	ADDER TO AC REG.	
01560		XA345	20						16B	9			AC122A	02	AC1290	01	4	TS8	B1		11A		
01561		XA348	74			XA345	18		16B	9			AC123A	01	AC123A	00	1	TT3	F2		35B	AC RT. SHIFT 11 T	
01562		XA345	18						16B	9			AC123A	02	AC1290	01	5	TS8	B1		10A		
01563		XA348	80			XA345	22		16B	9			AC124A	01	AC124A	00	1	TT3	F3		39A	AC LEFT SHIFT 13	
01564		XA345	22						16B	9			AC124A	02	AC1290	01	3	TS8	B1		12A		
01565		XA345	23			XA237	24		16B	9			AC1290	01	AC1290	00	1	TS8	B1		11B	AC 12 INPUT DATA	
01566		XA237	24						16B	9			AC1290	02	AC1281	01	1	TDD	CI		13A		
01567		XA242	55			XA237	21		16B	9			AC138P	01	AC2D2A	01	7	TS8	E1		29B		
01568		XA237	21						16B	9			AC138P	02	AC138P	00	1	TDD	DP		10B	AC 13 - CLEAR	
01569		XA348	78			XA344	38		16B	9			AC138Q	01	AC124A	01	3	TT3	F3		38A		
01570		XA344	38			XA334	55		16B	9			AC138Q	02	AC143A	01	3	TT3	C1		18A		
01571		XA334	55			XA237	19		16B	9			AC138Q	03	DA13CD	01	2	TLD	E3		29B		
01572		XA237	19			XA218	29		16B	9			AC138Q	04	AC138Q	00	1	TDD	DQ		09B	AC 13 - PRESET	
									****			SIGNAL	AC138Q		IS ON THE						****		

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AC13BQ

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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	PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR										
01573		XA218	29						16B 9		AD13B5	01 1	TAD	C5		14B			
01574		XA345	34		XA344	04			16B 9		AC131A	01	AC1390	01 5	TS8	C1	16A		
01575		XA344	04						16B 9		AC131A	02	AC131A	00 1	TT3	A1	04A	BUS TO AC REG. -	
01576		XA345	37		XA344	07			16B 9		AC132A	01	AC1390	01 8	TS8	C1	18B		
01577		XA344	07						16B 9		AC132A	02	AC132A	00 1	TT3	A2	03A	ADDER TO AC REG.	
01578		XA345	30		XA344	15			16B 9		AC133A	01	AC1390	01 6	TS8	C1	15A		
01579		XA344	15						16B 9		AC133A	02	AC133A	00 1	TT3	A3	07B	AC RT. SHIFT 12 T	
01580		XA345	36		XA344	20			16B 9		AC134A	01	AC1390	01 4	TS8	C1	17A		
01581		XA344	20						16B 9		AC134A	02	AC134A	00 1	TT3	B1	11A	AC LEFT SHIFT 14	
01582		XA345	35		XA237	18			16B 9		AC1390	01	AC1390	00 1	TS8	C1	17B	AC 13 INPUT DATA	
01583		XA237	18						16B 9		AC1390	02	AC1381	01 1	TOD	O1	10A		
01584		XA242	61		XA237	35			16B 9		AC148P	01	AC202A	01 8	TS8	E1	32B		
01585		XA237	35						16B 9		AC148P	02	AC148P	00 1	TOD	EP	17B	AC 14 - CLEAR	
01586		XA334	62		XA344	48			16B 9		AC148Q	01	DA14C0	01 2	TLD	E2	29A		
01587		XA344	48		XA344	22			16B 9		AC148Q	02	AC153A	01 1	TT3	O2	22A		
01588		XA344	22		XA237	37			16B 9		AC148Q	03	AC134A	01 3	TT3	B1	12A		
01589		XA237	37		XA217	29			16B 9		AC148Q	04	AC148Q	00 1	TOD	EQ	18B	AC 14 - PRESET	
01590		XA217	29						16B 9		AC148Q	05	AD14B5	01 1	TAD	C5	14B		
01591		XA345	43		XA344	19			16B 9		AC141A	01	AC1490	01 7	TS8	O1	23B		
01592		XA344	19						16B 9		AC141A	02	AC141A	00 1	TT3	B2	09B	BUS TO AC REG. -	
01593		XA345	49		XA344	27			16B 9		AC142A	01	AC1490	01 8	TS8	D1	26B		
01594		XA344	27						16B 9		AC142A	02	AC142A	00 1	TT3	B3	13B	ADDER TO AC REG.	
01595		XA345	54		XA344	36			16B 9		AC143A	01	AC1490	01 2	TS8	D1	25A		
01596		XA344	36						16B 9		AC143A	02	AC143A	00 1	TT3	C1	17A	AC RT. SHIFT 13 T	
01597		XA345	52		XA344	31			16B 9		AC144A	01	AC1490	01 3	TS8	O1	24A		
01598		XA344	31						16B 9		AC144A	02	AC144A	00 1	TT3	C2	15B	AC LEFT SHIFT 15	
01599		XA345	47		XA237	40			16B 9		AC1490	01	AC1490	00 1	TS8	D1	25B	AC 14 INPUT DATA	
01600		XA237	40						16B 9		AC1490	02	AC1481	01 1	TOD	E1	19A		
01601		XA241	43		XA237	33			16B 9		AC158P	01	AC203A	01 7	TS8	D1	23B		
01602		XA237	33						16B 9		AC158P	02	AC158P	00 1	TOD	FP	16B	AC 15 - CLEAR	
01603		XA334	70		XA344	59			16B 9		AC158Q	01	DA15C0	01 1	TLD	E1	33A		
01604		XA344	59		XA344	30			16B 9		AC158Q	02	AC163A	01 2	TT3	E3	31B		
01605		XA344	30		XA237	31			16B 9		AC158Q	03	AC144A	01 2	TT3	C2	15A		
01606		XA237	31		XA224	62			16B 9		AC158Q	04	AC158Q	00 1	TOD	FQ	15B	AC 15 - PRESET	
01607		XA224	62		XA220	53			16B 9		AC158Q	05	AD15GA	01 2	TQ2	E2	29A		
01608		XA220	53						16B 9		AC158Q	06	AD15B2	01 1	TAD	E2	28B		



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RECORD NUMBER	FROM				TO				WIRE			SPEC INST	SIGNAL	SFC NO	EQUATION	TERM	FUNCTION	CMT OR COND TYPE	CMT	LOAD OF POWER PLANE	TEST POINTS (AND) (P)	SIGNAL DESCRIPTION	ECC NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR													IDENT
01609		XA345	61		XA344	39				16B	9		AC151A	01	AC1590	01	8	TS8	E1		32B			
01610		XA344	39							16B	9		AC151A	02	AC151A	00	1	TT3	C3		19B	BUS TO AC REG. -		
01611		XA345	62		XA344	50				16B	9		AC152A	01	AC1590	01	5	TS8	E1		29A			
01612		XA344	50							16B	9		AC152A	02	AC152A	00	1	TT3	D1		23A	ADDER TO AC REG.		
01613		XA345	66		XA344	43				16B	9		AC153A	01	AC1590	01	3	TS8	E1		31A			
01614		XA344	43							16B	9		AC153A	02	AC153A	00	1	TT3	Q2		23B	AC RT. SHIFT 14 T		
01615		XA345	64		XA344	51				16B	9		AC154A	01	AC1590	01	4	TS8	E1		30A			
01616		XA344	51							16B	9		AC154A	02	AC154A	00	1	TT3	D3		27B	AC LEFT SHIFT 16		
01617		XA345	07		XA345	26				16B	9		AC157A	01	AC1190	01	7	TS8	A1		03A			
01618		XA345	26		XA345	42				16B	9		AC157A	02	AC1290	01	1	TS8	B1		14A			
01619		XA345	42		XA345	46				16B	9		AC157A	03	AC1390	01	1	TS8	C1		20A			
01620		XA345	46		XA346	49				16B	9		AC157A	04	AC1490	01	6	TS8	D1		21A			
01621		XA346	49		XA345	60				16B	9		AC157A	05	AC0890	01	8	TS8	D1		26A			
01622		XA345	60		XA346	70				16B	9		AC157A	06	AC1590	01	6	TS8	E1		28A			
01623		XA346	70		XA346	74				16B	9		AC157A	07	AC0990	01	1	TS8	E1		33A			
01624		XA346	74		XA344	80				16B	9		AC157A	08	AC1090	01	7	TS8	F1		35B			
01625		XA344	80							16B	9		AC157A	09	AC157A	00	1	TT3	F3		39A	DB 16 TO AC 09 -		
01626		XA346	72		XA346	61				16B	9		AC158A	01	AC1090	01	6	TS8	F1		34A			
01627		XA346	61		XA345	55				16B	9		AC158A	02	AC0990	01	8	TS8	E1		32B			
01628		XA345	55		XA346	52				16B	9		AC158A	03	AC1590	01	7	TS8	E1		29B			
01629		XA346	52		XA345	48				16B	9		AC158A	04	AC0890	01	3	TS8	D1		24A			
01630		XA345	48		XA345	31				16B	9		AC158A	05	AC1490	01	5	TS8	D1		22A			
01631		XA345	31		XA345	19				16B	9		AC158A	06	AC1390	01	7	TS8	C1		15B			
01632		XA345	19		XA345	10				16B	9		AC158A	07	AC1290	01	7	TS8	B1		09B			
01633		XA345	10		XA249	15				16B	9		AC158A	08	AC1190	01	1	TS8	A1		07A			
01634		XA249	15							16B	9		AC158A	09	AC158A	00	1	TT3	A3		07B	AQ 00 TO AC 15 -		
01635		XA345	59		XA237	34				16B	9		AC1590	01	AC1590	00	1	TS8	E1		31B	AC 15 INPUT DATA		
01636		XA237	34							16B	9		AC1590	02	AC1581	01	1	TDD	F1		16A			
01639		XA241	54		XA237	47				16B	9		AC168P	01	AC203A	01	2	TS8	D1		25A			
01640		XA237	47							16B	9		AC168P	02	AC168P	00	1	TDD	GP		25B	AC 16 - CLEAR		
01641		XA249	38		XA237	49				16B	9		AC168Q	01	AC173A	01	3	TT3	C1		18A			
01642		XA237	49		XA334	47				16B	9		AC168Q	02	AC168Q	00	1	TDD	GQ		26B	AC 16 - PRESET		
01643		XA334	47		XA344	49				16B	9		AC168Q	03	DA16CD	01	1	TLD	D4		25B			
01644		XA344	49		XA215	53				16B	9		AC168Q	04	AC154A	01	3	TT3	D3		26B			
01645		XA215	53		XA217	03				16B	9		AC168Q	05	AD16L2	01	1	TAD	E2		28B			
01646		XA217	03							16B	9		AC168Q	06	AD1685	01	1	TAD	A5		02A			
01647		XA345	75		XA344	64				16B	9		AC161A	01	AC1690	01	3	TS8	F1		37B			
01648		XA344	64							16B	9		AC161A	02	AC161A	00	1	TT3	E1		30A	BUS TO AC REG. -		
													****	SIGNAL	AC162A								IS ON THE NEXT PAGE ****	

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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AC162A

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SIG NO	EQUATION	TURN	LAYER	CPT CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS AND LOC	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
01649 01650		XA345 XA344	78 55		XA344	55		16B	9		AC162A AC162A	01 02	AC1690 AC162A	01 00	8 1	TS8 TT3	F1 E2	38A 29B	ADDER TO AC REG.	
01651 01652		XA345 XA344	71 63		XA344	63		16B	9		AC163A AC163A	01 02	AC1690 AC163A	01 00	5 1	TS8 TT3	F1 E3	36A 33B	AC RT. SHIFT 15	
01653 01654		XA345 XA344	77 73		XA344	73		16B	9		AC164A AC164A	01 02	AC1690 AC164A	01 00	2 1	TS8 TT3	F1 F1	38B 36B	AC LEFT SHIFT 17	
01655 01656		XA345 XA237	76 54		XA237	54		16B	9		AC1690 AC1690	01 02	AC1690 AC1681	00 01	1 1	TS8 TDD	F1 G1	37A 25A	AC 16 INPUT DATA	
01659 01660		XA241 XA237	49 45		XA237	45		16B	9		AC178P AC178P	01 02	AC2D3A AC178P	01 00	8 1	TS8 TDD	D1 HP	26B 24B	AC 17 - CLEAR	
01661 01662 01663		XA344 XA334 XA237	77 41 43		XA334 XA237 XA249	41 43 46		16B	9		AC178Q AC178Q AC178Q	01 02 03	AC164A DA17CD AC178Q	01 01 00	2 1 1	TT3 TLD TDD	F1 D3 HQ	38B 22B 23B	AC 17 - PRESET	
01664 01665		XA249 XA216	46 03		XA216	03		16B	9		AC178Q AC178Q	04 05	AC183A AD17B5	01 01	2 1	TT3 ADD	D5 A5	21A 02A		
01666 01667		XA249 XA241	15 04		XA241	04		16B	9		AC171A AC171A	01 02	AC171A AC1790	00 01	1 4	TT3 TS8	B2 A1	09B 04A	BUS TO AC REG. -	
01668 01669		XA249 XA241	27 13		XA241	13		16B	9		AC172A AC172A	01 02	AC172A AC1790	00 01	1 8	TT3 TS8	B3 A1	13B 06B	ADDER TO AC REG.	
01670 01671		XA249 XA241	36 10		XA241	10		16B	9		AC173A AC173A	01 02	AC173A AC1790	00 01	1 1	TT3 TS8	C1 A1	17A 07A	AC RT. SHIFT 16	
01672 01673		XA249 XA241	31 08		XA241	08		16B	9		AC174A AC174A	01 02	AC174A AC1790	00 01	1 2	TT3 TS8	C2 A1	15B 06A	AC LEFT SHIFT 18	
01674 01675 01676 01677 01678 01679 01680		XA346 XA345 XA345 XA346 XA346 XA345 XA345	78 72 70 55 56 56 40		XA345 XA345 XA346 XA345 XA345 XA345	72 70 55 56 50 40 24		16B	9		AC176A AC176A AC176A AC176A AC176A AC176A	01 02 03 04 05 06 07	AC1090 AC1690 AC1590 AC0990 AC0890 AC1490 AC1390	01 01 01 01 01 01 01	8 6 1 7 1 4 2	TS8 TS8 TS8 TS8 TS8 TS8 TS8	F1 F1 E1 E1 D1 D1 C1	38A 34A 33A 29B 26A 23A 19A		
01681 01682 01683 01684		XA345 XA345 XA249 XA241	24 08 20 06		XA345 XA249 XA241	08 20 06		16B	9		AC176A AC176A AC176A	08 09 10 11	AC1290 AC1190 AC176A AC1790	01 01 00 01	2 2 1 3	TS8 TS8 TT3 TS8	B1 A1 B1 A1	13A 06A 11A 05A	DB 28 TO AC 08 -	
01685 01686		XA241 XA237	11 48		XA237	48		16B	9		AC1790 AC1790	01 02	AC1790 AC1781	00 01	1 1	TS8 TDD	A1 HT	05B 22A	AC 17 INPUT DATA	
01689 01690		XA241 XA237	56 59		XA237	59		16B	9		AC188P AC188P	01 02	AC2D3A AC188P	01 00	1 1	TS8 TDD	D1 JP	26A 31B	AC 18 - CLEAR	

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OF CHIP TYPE	GROUP	LOAD CP BOARD PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	C.C.O. NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																		
01691		XA249	34	XA249	61		168	9					AC18BQ	01	AC174A	01	1	TT3	C2		16A			
01692		XA249	61	XA237	61		168	9					AC18BQ	02	AC193A	01	3	TT3	E3		32B			
01693		XA237	61	XA334	48		168	9					AC18BQ	03	AC18BQ	00	1	TDD	JQ		32B	AC 18 - PRESET		
01694		XA334	48	XA214	03		168	9					AC18BQ	04	DA18CD	01	2	TLD	D2		22A			
01695		XA214	03				168	9					AC18BQ	05	AD18B5	01	1	ADD	A5		02A			
01696		XA249	39	XA241	18		168	9					AC181A	01	AC181A	00	1	TT3	C3		19B	BUS TO AC REG. -		
01697		XA241	18				168	9					AC181A	02	AC1890	01	5	TS8	B1		10A			
01698		XA249	50	XA241	22		168	9					AC182A	01	AC182A	00	1	TT3	D1		23A	ADDER TO AC REG.		
01699		XA241	22				168	9					AC182A	02	AC1890	01	3	TS8	B1		12A			
01700		XA249	43	XA241	20		168	9					AC183A	01	AC183A	00	1	TT3	D2		23B	AC RT. SHIFT 17 T		
01701		XA241	20				168	9					AC183A	02	AC1890	01	4	TS8	B1		11A			
01702		XA249	51	XA241	24		168	9					AC184A	01	AC184A	00	1	TT3	D3		27B	AC LEFT SHIFT 19		
01703		XA241	24				168	9					AC184A	02	AC1890	01	2	TS8	B1		13A			
01704		XA241	23	XA237	68		168	9					AC1890	01	AC1890	00	1	TS8	B1		11B	AC 18 INPUT DATA		
01705		XA237	68				168	9					AC1890	02	AC188B	01	1	TDD	JI		32A			
01708		XA241	52	XA237	57		168	9					AC198P	01	AC203A	01	3	TS8	D1		24A			
01709		XA237	57				168	9					AC198P	02	AC198P	00	1	TDD	KP		30B	AC 19 - CLEAR		
01710		XA248	06	XA249	49		168	9					AC198Q	01	AC203A	01	3	TT3	A1		05A			
01711		XA249	49	XA237	55		168	9					AC198Q	02	AC184A	01	3	TT3	D3		26B			
01712		XA237	55	XA334	56		168	9					AC198Q	03	AC198Q	00	1	TDD	KQ		29B	AC 19 - PRESET		
01713		XA334	56	XA223	19		168	9					AC198Q	04	DA19CD	01	1	TLD	D1		26A			
01714		XA223	19	XA215	41		168	9					AC198Q	05	AD19GA	01	2	TQ2	B3		09B			
01715		XA215	41				168	9					AC198Q	06	AD19B2	01	1	TAD	D2		22B			
01716		XA249	64	XA241	38		168	9					AC191A	01	AC191A	00	1	TT3	E1		30A	BUS TO AC REG. -		
01717		XA241	38				168	9					AC191A	02	AC1990	01	3	TS8	C1		18A			
01718		XA249	55	XA241	36		168	9					AC192A	01	AC192A	00	1	TT3	E2		29B	ADDER TO AC REG.		
01719		XA241	36				168	9					AC192A	02	AC1990	01	4	TS8	C1		17A			
01720		XA249	63	XA241	40		168	9					AC193A	01	AC193A	00	1	TT3	E3		33B	AC RT. SHIFT 18 T		
01721		XA241	40				168	9					AC193A	02	AC1990	01	2	TS8	C1		12A			
01722		XA249	73	XA241	42		168	9					AC194A	01	AC194A	00	1	TT3	F1		36B	AC LEFT SHIFT 20		
01723		XA241	42				168	9					AC194A	02	AC1990	01	1	TS8	C1		20A			
01724		XA241	35	XA237	62		168	9					AC1990	01	AC1990	00	1	TS8	C1		17B	AC 19 INPUT DATA		
01725		XA237	62				168	9					AC1990	02	AC198B	01	1	TDD	KI		29A			
01728		XA241	50	XA237	76		168	9					AC20BP	01	AC203A	01	4	TS8	D1		23A			
01729		XA237	76				168	9					AC20BP	02	AC20BP	00	1	TDD	LP		37A	AC 20 - CLEAR		

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AC20BP

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO.	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	LOAD OR POWER PLANS	TEST POINTS AND LOC	SIGNAL DESCRIPTION	ECO NO.	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT	WIRE											
01730		XA248	14		XA249	77			16B	9			AC20BQ	01	AC213A	01	2	TT3	B2		09A		
01731		XA249	77		XA237	78			16B	9			AC20BQ	02	AC194A	01	2	TT3	F1		38B		
01732		XA237	78		XA334	35			16B	9			AC20BQ	03	AC20BQ	00	1	TDD	LQ		38A	AC 20 - PRESET	
01733		XA334	35		XA214	41			16B	9			AC20BQ	04	DA20CD	01	1	TLD	C4		17B		
01734		XA214	41		XA217	17			16B	9			AC20BQ	05	AD20L2	01	1	ADD	D2		22B		
01735		XA217	17						16B	9			AC20BQ	06	AD20B5	01	1	TAD	B5		08B		
01736		XA249	74		XA240	08			16B	9			AC201A	01	AC201A	00	1	TT3	F2		35B	BUS TO AC REG. -	
01737		XA240	08						16B	9			AC201A	02	AC2090	01	2	TS8	A1		06A		
01738		XA245	33		XA240	10			16B	9			AC202A	01	AC202A	00	1	TD4	C2		16B	ADDER TO AC REG.	
01739		XA240	10						16B	9			AC202A	02	AC2090	01	1	TS8	A1		07A		
01740		XA248	04		XA240	06			16B	9			AC203A	01	AC203A	00	1	TT3	A1		04A	AC RT. SHIFT 19 T	
01741		XA240	06						16B	9			AC203A	02	AC2090	01	3	TS8	A1		05A		
01742		XA248	07		XA240	05			16B	9			AC204A	01	AC204A	00	1	TT3	A2		03A	AC LEFT SHIFT 21	
01743		XA240	05						16B	9			AC204A	02	AC2090	01	5	TS8	A1		03B		
01744		XA240	11		XA237	77			16B	9			AC2090	01	AC2090	00	1	TS8	A1		05B	AC 20 INPUT DATA	
01745		XA237	77						16B	9			AC2090	02	AC20B1	01	1	TDD	LI		38B		
01748		XA241	48		XA236	11			16B	9			AC21BP	01	AC203A	01	5	TS8	D1		22A		
01749		XA236	11						16B	9			AC21BP	02	AC21BP	00	1	TDD	AP		05B	AC 21 - CLEAR	
01750		XA248	37		XA248	03			16B	9			AC21BQ	01	AC223A	01	3	TT3	C3		18B		
01751		XA248	03		XA236	13			16B	9			AC21BQ	02	AC204A	01	3	TT3	A2		02A		
01752		XA236	13		XA334	31			16B	9			AC21BQ	03	AC21BQ	00	1	TDD	AQ		06B	AC 21 - PRESET	
01753		XA334	31		XA216	17			16B	9			AC21BQ	04	DA21CD	01	2	TLD	C3		15B		
01754		XA216	17						16B	9			AC21BQ	05	AD21B5	01	1	ADD	B5		08B		
01755		XA248	15		XA240	14			16B	9			AC211A	01	AC211A	00	1	TT3	A3		07B	BUS TO AC REG. -	
01756		XA240	14						16B	9			AC211A	02	AC2190	01	6	TS8	B1		09A		
01757		XA248	20		XA240	20			16B	9			AC212A	01	AC212A	00	1	TT3	B1		11A	ADDER TO AC REG.	
01758		XA240	20						16B	9			AC212A	02	AC2190	01	4	TS8	B1		11A		
01759		XA248	19		XA240	18			16B	9			AC213A	01	AC213A	00	1	TT3	B2		09B	AC RT. SHIFT 20 T	
01760		XA240	18						16B	9			AC213A	02	AC2190	01	5	TS8	B1		10A		
01761		XA248	27		XA240	24			16B	9			AC214A	01	AC214A	00	1	TT3	B3		13B	AC LEFT SHIFT 22	
01762		XA240	24						16B	9			AC214A	02	AC2190	01	2	TS8	B1		13A		
01763		XA240	23		XA236	08			16B	9			AC2190	01	AC2190	00	1	TS8	B1		11B	AC 21 INPUT DATA	
01764		XA236	08						16B	9			AC2190	02	AC21B1	01	1	TDD	A1		06A		
01765		XA241	46		XA236	09			16B	9			AC22BP	01	AC203A	01	6	TS8	D1		21A		
01766		XA236	09						16B	9			AC22BP	02	AC22BP	00	1	TDD	BP		04B	AC 22 - CLEAR	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	EQD NO	EQUATION	T-1	FACTOR	CON. TYPE	C.A.	C.A. PLAN	SIGNAL NO.	SIGNAL DESCRIPTION	EQD NO							
	PREFIX	CONNECTOR	PIN	2	PREFIX	CONNECTOR	PIN	3	MULTI GROUP	CODE	CO. IN	IDENT												PER UNIT						
01767		XA334	34		XA248	68			16B	9				AC22BQ	01	DA22CD	01	2	TLD	C2		16A								
01768		XA248	68		XA248	25			16B	9				AC22BQ	02	AC233A	01	2	TT3	E1		32A								
01769		XA248	25		XA236	07			16B	9				AC22BQ	03	AC214A	01	3	TT3	B3		12B								
01770		XA236	07		XA215	17			16B	9				AC22BQ	04	AC22BQ	00	1	TDD	BQ		03A	AC 22 - PRESET							
01771		XA215	17						16B	9				AC22BQ	05	AD22B5	01	1	TAD	B5		08B								
01772		XA248	36		XA240	31			16B	9				AC221A	01	AC221A	00	1	TT3	C1		17A	BUS TO AC REG. -							
01773		XA240	31						16B	9				AC221A	02	AC2290	01	7	TS8	C1		15B								
01774		XA248	31		XA240	36			16B	9				AC222A	01	AC222A	00	1	TT3	C2		15B	ADDER TO AC REG.							
01775		XA240	36						16B	9				AC222A	02	AC2290	01	4	TS8	C1		17A								
01776		XA248	39		XA240	30			16B	9				AC223A	01	AC223A	00	1	TT3	C3		19B	AC RT. SHIFT 21 T							
01777		XA240	30						16B	9				AC223A	02	AC2290	01	6	TS8	C1		15A								
01778		XA248	50		XA240	34			16B	9				AC224A	01	AC224A	00	1	TT3	D1		23A	AC LEFT SHIFT 23							
01779		XA240	34						16B	9				AC224A	02	AC2290	01	5	TS8	C1		16A								
01780		XA240	35		XA236	05			16B	9				AC2290	01	AC2290	00	1	TS8	C1		17B	AC 22 INPUT DATA							
01781		XA236	05						16B	9				AC2290	02	AC22B1	01	1	TDD	B1		03B								
01782		XA241	64		XA236	23			16B	9				AC238P	01	AC204A	01	4	TS8	E1		30A								
01783		XA236	23						16B	9				AC238P	02	AC238P	00	1	TDD	CP		11B	AC 23 - CLEAR							
01784		XA334	40		XA248	71			16B	9				AC23BQ	01	DA23CD	01	2	TLD	C1		19A								
01785		XA248	71		XA248	52			16B	9				AC23BQ	02	AC243A	01	1	TT3	F2		36A								
01786		XA248	52		XA236	25			16B	9				AC23BQ	03	AC224A	01	3	TT3	D1		24A								
01787		XA236	25		XA223	41			16B	9				AC23BQ	04	AC23BQ	00	1	TDD	CQ		12B	AC 23 - PRESET							
01788		XA223	41		XA214	53			16B	9				AC23BQ	05	AD23G4	01	1	TQ2	D3		22B								
01789		XA214	53						16B	9				AC23BQ	06	AD23B2	01	1	ADD	E2		28B								
01790		XA248	43		XA240	48			16B	9				AC231A	01	AC231A	00	1	TT3	D2		23B	BUS TO AC REG. -							
01791		XA240	48						16B	9				AC231A	02	AC2390	01	5	TS8	D1		22A								
01792		XA248	51		XA240	52			16B	9				AC232A	01	AC232A	00	1	TT3	D3		27B	ADDER TO AC REG.							
01793		XA240	52						16B	9				AC232A	02	AC2390	01	3	TS8	D1		24A								
01794		XA248	64		XA240	56			16B	9				AC233A	01	AC233A	00	1	TT3	E1		30A	AC RT. SHIFT 22 T							
01795		XA240	56						16B	9				AC233A	02	AC2390	01	1	TS8	D1		26A								
01796		XA248	55		XA240	54			16B	9				AC234A	01	AC234A	00	1	TT3	E2		29B	AC LEFT SHIFT 24							
01797		XA240	54						16B	9				AC234A	02	AC2390	01	2	TS8	D1		25A								
01798		XA345	74		XA240	46			16B	9				AC238A	01	AC1690	01	7	TS8	F1		35B								
01799		XA240	46		XA240	42			16B	9				AC238A	02	AC2390	01	6	TS8	D1		21A								
01800		XA240	42		XA241	34			16B	9				AC238A	03	AC2290	01	1	TS8	C1		20A								
01801		XA241	34		XA240	26			16B	9				AC238A	04	AC1990	01	5	TS8	C1		16A								
01802		XA240	26		XA241	19			16B	9				AC238A	05	AC2190	01	1	TS8	B1		14A								
													****	SIGNAL	AC238A	IS ON THE NEXT PAGE ****														

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AC238A

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEG NO	EQUATION	TEST POINT	SIGNAL DESCRIPTION	TCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE GROUP	WIRE CODE						
01803		XA241	19		XA241	05			168	9	AC1890	01	7 TS8 B1	09B	
01804		XA241	05		XA240	04			168	9	AC1790	01	5 TS8 A1	03B	
01805		XA240	04		XA247	04			168	9	AC238A	08	4 TS8 A1	04A	
01806		XA247	04						168	9	AC238A	09	1 TT3 A1	04A	AQ 00 TO AC 23 -
01807		XA240	47		XA236	24			168	9	AC2390	01	1 TS8 D1	25B	AC 23 INPUT DATA
01808		XA236	24						168	9	AC2390	02	1 TOD C1	13A	
01811		XA241	60		XA236	21			168	9	AC248P	01	6 TS8 E1	28A	
01812		XA236	21						168	9	AC248P	02	1 TOD DP	10B	AC 24 - CLEAR
01813		XA248	62		XA247	22			168	9	AC248Q	01	1 TT3 E2	29A	
01814		XA247	22		XA236	19			168	9	AC248Q	02	3 TT3 B1	12A	
01815		XA236	19		XA334	25			168	9	AC248Q	03	1 TOD DQ	09B	AC 24 - PRESET
01816		XA334	25		XA216	41			168	9	AC248Q	04	2 TLD B4	12B	
01817		XA216	41		XA216	29			168	9	AC248Q	05	1 ADD D2	22B	
01818		XA216	29						168	9	AC248Q	06	1 ADD C5	14B	
01819		XA248	63		XA240	62			168	9	AC241A	01	1 TT3 E3	33B	BUS TO AC REG. -
01820		XA240	62						168	9	AC241A	02	5 TS8 E1	29A	
01821		XA248	73		XA240	68			168	9	AC242A	01	1 TT3 F1	36B	ADDER TO AC REG.
01822		XA240	68						168	9	AC242A	02	2 TS8 E1	32A	
01823		XA248	74		XA240	64			168	9	AC243A	01	1 TT3 F2	35B	AC RT. SHIFT 23 T
01824		XA240	64						168	9	AC243A	02	4 TS8 E1	30A	
01825		XA248	80		XA240	66			168	9	AC244A	01	1 TT3 F3	39A	AC LEFT SHIFT 25
01826		XA240	66						168	9	AC244A	02	3 TS8 E1	31A	
01827		XA240	59		XA236	18			168	9	AC2490	01	1 TS8 E1	31B	AC 24 INPUT DATA
01828		XA236	18						168	9	AC2490	02	1 TOD D1	10A	
01831		XA241	66		XA236	35			168	9	AC258P	01	3 TS8 F1	31A	
01832		XA236	35						168	9	AC258P	02	1 TOD EP	17B	AC 25 - CLEAR
01833		XA248	78		XA247	34			168	9	AC258Q	01	3 TT3 F3	38A	
01834		XA247	34		XA236	37			168	9	AC258Q	02	1 TT3 C2	16A	
01835		XA236	37		XA334	17			168	9	AC258Q	03	1 TOD EQ	18B	AC 25 - PRESET
01836		XA334	17		XA215	29			168	9	AC258Q	04	1 TLD B3	08B	
01837		XA215	29						168	9	AC258Q	05	1 TAD C5	14B	
01838		XA247	07		XA240	74			168	9	AC251A	01	1 TT3 A2	03A	BUS TO AC REG. -
01839		XA240	74						168	9	AC251A	02	7 TS8 F1	35B	
01840		XA247	15		XA240	71			168	9	AC252A	01	1 TT3 A3	07B	ADDER TO AC REG.
01841		XA240	71						168	9	AC252A	02	5 TS8 F1	36A	
01842		XA247	20		XA240	75			168	9	AC253A	01	1 TT3 B1	11A	AC RT. SHIFT 24 T
01843		XA240	75						168	9	AC253A	02	3 TS8 F1	37B	

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AC253A

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RECORD NUMBER	FROM				TO				WIRE		SIGNAL	SEL NO	EQUATION	TERM	FACTOR	CUT OR CHIP TYPE	PADS	LOAD CP BOARD PLANE	TEST POINTS LOCATION	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE												COLOR
01844		XA247	19			XA240	73			16B 9		AC254A	01	AC254A	00	1	TT3	B2		09B	AC LEFT SHIFT 26	
01845		XA240	73							16B 9		AC254A	02	AC2590	01	4	TS8	F1		36B		
01846		XA240	76			XA236	40			16B 9		AC2590	01	AC2590	00	1	TS8	F1		37A	AC 25 INPUT DATA	
01847		XA236	40							16B 9		AC2590	02	AC258T	01	1	TDD	E1		19A		
01850		XA241	55			XA236	33			16B 9		AC268P	01	AC2D4A	01	7	TS8	E1		29B		
01851		XA236	33							16B 9		AC268P	02	AC268P	00	1	TDD	FP		16B	AC 26 - CLEAR	
01852		XA247	14			XA247	45			16B 9		AC268Q	01	AC254A	01	2	TT3	B2		09A		
01853		XA247	45			XA236	31			16B 9		AC268Q	02	AC273A	01	1	TT3	D3		24B		
01854		XA236	31			XA334	18			16B 9		AC268Q	03	AC268Q	00	1	TDD	FQ		15B	AC 26 - PRESET	
01855		XA334	18			XA214	29			16B 9		AC268Q	04	DA26CD	01	2	TLD	B2		10A		
01856		XA214	29							16B 9		AC268Q	05	AD26B5	01	1	ADD	C5		14B		
01857		XA247	27			XA239	07			16B 9		AC261A	01	AC261A	00	1	TT3	B3		13B	BUS TO AC REG. -	
01858		XA239	07							16B 9		AC261A	02	AC2690	01	7	TS8	A1		05A		
01859		XA247	36			XA239	08			16B 9		AC262A	01	AC262A	00	1	TT3	C1		17A	ADDER TO AC REG.	
01860		XA239	08							16B 9		AC262A	02	AC2690	01	2	TS8	A1		06A		
01861		XA247	31			XA239	06			16B 9		AC263A	01	AC263A	00	1	TT3	C2		15B	AC RT. SHIFT 25 T	
01862		XA239	06							16B 9		AC263A	02	AC2690	01	3	TS8	A1		05A		
01863		XA247	39			XA239	01			16B 9		AC264A	01	AC264A	00	1	TT3	C3		19B	AC LEFT SHIFT 27	
01864		XA239	01							16B 9		AC264A	02	AC2690	01	6	TS8	A1		02B		
01865		XA239	11			XA236	34			16B 9		AC2690	01	AC2690	00	1	TS8	A1		05B	AC 26 INPUT DATA	
01866		XA236	34							16B 9		AC2690	02	AC268T	01	1	TDD	FT		16A		
01867		XA241	62			XA236	47			16B 9		AC278P	01	AC2D4A	01	5	TS8	E1		29A		
01868		XA236	47							16B 9		AC278P	02	AC278P	00	1	TDD	GP		25B	AC 27 - CLEAR	
01869		XA247	79			XA247	33			16B 9		AC278Q	01	AC283A	01	1	TT3	F1		39B		
01870		XA247	33			XA236	49			16B 9		AC278Q	02	AC264A	01	1	TT3	C3		16B		
01871		XA236	49			XA334	26			16B 9		AC278Q	03	AC278Q	00	1	TDD	GQ		26B	AC 27 - PRESET	
01872		XA334	26			XA223	55			16B 9		AC278Q	04	DA27CD	01	1	TLD	B1		14A		
01873		XA223	55			XA219	53			16B 9		AC278Q	05	AD27GA	01	2	TQ2	E3		29B		
01874		XA219	53							16B 9		AC278Q	06	AD27B2	01	1	TAD	E2		28B		
01875		XA247	50			XA239	22			16B 9		AC271A	01	AC271A	00	1	TT3	D1		23A	BUS TO AC REG. -	
01876		XA239	22							16B 9		AC271A	02	AC2790	01	3	TS8	B1		12A		
01877		XA247	43			XA239	20			16B 9		AC272A	01	AC272A	00	1	TT3	D2		23B	ADDER TO AC REG.	
01878		XA239	20							16B 9		AC272A	02	AC2790	01	4	TS8	B1		11A		
01879		XA247	51			XA239	24			16B 9		AC273A	01	AC273A	00	1	TT3	D3		27B	AC RT. SHIFT 26 T	
01880		XA239	24							16B 9		AC273A	02	AC2790	01	2	TS8	B1		13A		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	CODE	COLOR	DIN	SIGNAL	SPU NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE																
01881		XA247	64		XA239	26				16B	9			AC274A	01	AC274A	00	1	TT3	E1		30A	AC LEFT SHIFT 28	
01882		XA239	26							16B	9			AC274A	02	AC2790	01	1	TS8	B1		14A		
01883		XA246	80		XA240	72				16B	9			AC276A	01	AC276A	00	1	TT3	F3		39A	DB 28 TO AC 18 -	
01884		XA240	72		XA240	70				16B	9			AC276A	02	AC2590	01	6	TS8	F1		34A		
01885		XA240	70		XA240	50				16B	9			AC276A	03	AC2490	01	1	TS8	E1		33A		
01886		XA240	50		XA240	40				16B	9			AC276A	04	AC2390	01	4	TS8	D1		23A		
01887		XA240	40		XA241	31				16B	9			AC276A	05	AC2290	01	2	TS8	C1		19A		
01888		XA241	31		XA241	26				16B	9			AC276A	06	AC1990	01	7	TS8	C1		15B		
01889		XA241	26		XA240	22				16B	9			AC276A	07	AC1890	01	1	TS8	B1		14A		
01890		XA240	22		XA239	14				16B	9			AC276A	08	AC2190	01	3	TS8	B1		12A		
01891		XA239	14		XA239	10				16B	9			AC276A	09	AC2790	01	6	TS8	B1		09A		
01892		XA239	10		XA240	13				16B	9			AC276A	10	AC2690	01	1	TS8	A1		07A		
01893		XA240	13							16B	9			AC276A	11	AC2090	01	8	TS8	A1		06B		
01894		XA239	23		XA236	54				16B	9			AC2790	01	AC2790	00	1	TS8	B1		11B	AC 27 INPUT DATA	
01895		XA236	54							16B	9			AC2790	02	AC2781	01	1	TDD	G1		25A		
01896		XA241	70		XA236	45				16B	9			AC288P	01	AC204A	01	1	TS8	E1		33A		
01897		XA236	45							16B	9			AC288P	02	AC288P	00	1	TDD	HP		24B	AC 28 - CLEAR	
01898		XA247	66		XA246	11				16B	9			AC288Q	01	AC274A	01	3	TT3	E1		31A		
01899		XA246	11		XA236	43				16B	9			AC288Q	02	AC293A	01	2	TT3	A3		05B		
01900		XA236	43		XA334	11				16B	9			AC288Q	03	AC288Q	00	1	TDD	HQ		23B	AC 28 - PRESET	
01901		XA334	11		XA223	61				16B	9			AC288Q	04	DA28C0	01	1	TLO	A4		05B		
01902		XA223	61		XA218	53				16B	9			AC288Q	05	AD28GA	01	2	TQ2	E4		32B		
01903		XA218	53							16B	9			AC288Q	06	AD28B2	01	1	TAD	E2		28B		
01904		XA247	55		XA239	36				16B	9			AC281A	01	AC281A	00	1	TT3	E2		29B	BUS TO AC REG. -	
01905		XA239	36							16B	9			AC281A	02	AC2890	01	4	TS8	C1		17A		
01906		XA247	63		XA239	38				16B	9			AC282A	01	AC282A	00	1	TT3	E3		33B	ADDER TO AC REG.	
01907		XA239	38							16B	9			AC282A	02	AC2890	01	3	TS8	C1		18A		
01908		XA247	73		XA239	42				16B	9			AC283A	01	AC283A	00	1	TT3	F1		36B	AC RT. SHIFT 27 T	
01909		XA239	42							16B	9			AC283A	02	AC2890	01	1	TS8	C1		20A		
01910		XA247	74		XA239	40				16B	9			AC284A	01	AC284A	00	1	TT3	F2		35B	AC LEFT SHIFT 29	
01911		XA239	40							16B	9			AC284A	02	AC2890	01	2	TS8	C1		19A		
01912		XA239	35		XA236	48				16B	9			AC2890	01	AC2890	00	1	TS8	C1		17B	AC 28 INPUT DATA	
01913		XA236	48							16B	9			AC2890	02	AC2881	01	1	TDD	H1		22A		
01916		XA241	68		XA236	59				16B	9			AC298P	01	AC204A	01	2	TS8	E1		32A		
01917		XA236	59							16B	9			AC298P	02	AC298P	00	1	TDD	JP		31B	AC 29 - CLEAR	
01918		XA247	71		XA246	38				16B	9			AC298Q	01	AC284A	01	1	TT3	F2		36A		
01919		XA246	38		XA236	61				16B	9			AC298Q	02	AC303A	01	3	TT3	C1		18A		
										****		SIGNAL	(AC298Q)		S ON THE	NEXT PAGE	****							



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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	P/B	FACTOR	LST ON CHIP TYPE	LVL OF SIGNAL PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREF.	CONNECTOR	PIN	WIRE	CODE	COL. IN											IDENT
01920		XA236	61		XA334	03		168	9		AC298Q	03	AC298Q	00	1	TDD	JQ	32B	AC 29 - PRESET	
01921		XA334	03		XA215	03		168	9		AC298Q	04	DA29CD	01	1	TLD	A3	02A		
01922		XA215	03					168	9		AC298Q	05	AD2985	01	1	TAD	A5	02A		
01923		XA246	04		XA239	48		168	9		AC291A	01	AC291A	00	1	TT3	A1	04A	BUS TO AC REG. -	
01924		XA239	48					168	9		AC291A	02	AC2990	01	5	TS8	D1	22A		
01925		XA246	07		XA239	46		168	9		AC292A	01	AC292A	00	1	TT3	A2	03A	ADDER TO AC REG.	
01926		XA239	46					168	9		AC292A	02	AC2990	01	6	TS8	D1	21A		
01927		XA246	15		XA239	50		168	9		AC293A	01	AC293A	00	1	TT3	A3	07B	AC RT. SHIFT 28 T	
01928		XA239	50					168	9		AC293A	02	AC2990	01	4	TS8	D1	23A		
01929		XA246	20		XA239	52		168	9		AC294A	01	AC294A	00	1	TT3	B1	11A	AC LEFT SHIFT 30	
01930		XA239	52					168	9		AC294A	02	AC2990	01	3	TS8	D1	24A		
01931		XA239	47		XA236	68		168	9		AC2990	01	AC2990	00	1	TS8	D1	25B	AC 29 INPUT DATA	
01932		XA236	68					168	9		AC2990	02	AC298I	01	1	TDD	JI	32A		
01935		XA241	61		XA236	57		168	9		AC30BP	01	AC304A	01	8	TS8	E1	32B		
01936		XA236	57					168	9		AC30BP	02	AC308P	00	1	TDD	KP	30B	AC 30 - CLEAR	
01937		XA246	22		XA246	48		168	9		AC30BQ	01	AC294A	01	3	TT3	B1	12A		
01938		XA246	48		XA236	55		168	9		AC30BQ	02	AC313A	01	1	TT3	D2	22A		
01939		XA236	55		XA334	05		168	9		AC30BQ	03	AC308Q	00	1	TDD	KQ	29B	AC 30 - PRESET	
01940		XA334	05		XA214	17		168	9		AC30BQ	04	DA30CD	01	2	TLD	A2	03B		
01941		XA214	17					168	9		AC30BQ	05	AD3085	01	1	ADD	B5	08B		
01942		XA246	19		XA239	55		168	9		AC301A	01	AC301A	00	1	TT3	B2	09B	BUS TO AC REG. -	
01943		XA239	55					168	9		AC301A	02	AC3090	01	7	TS8	E1	29B		
01944		XA246	27		XA239	62		168	9		AC302A	01	AC302A	00	1	TT3	B3	13B	ADDER TO AC REG.	
01945		XA239	62					168	9		AC302A	02	AC3090	01	5	TS8	E1	29A		
01946		XA246	36		XA239	64		168	9		AC303A	01	AC303A	00	1	TT3	C1	17A	AC RT. SHIFT 29 T	
01947		XA239	64					168	9		AC303A	02	AC3090	01	4	TS8	E1	30A		
01948		XA246	31		XA239	70		168	9		AC304A	01	AC304A	00	1	TT3	C2	15B	AC LEFT SHIFT 31	
01949		XA239	70					168	9		AC304A	02	AC3090	01	1	TS8	E1	33A		
01950		XA239	59		XA236	62		168	9		AC3090	01	AC3090	00	1	TS8	E1	31B	AC 30 INPUT DATA	
01951		XA236	62					168	9		AC3090	02	AC308I	01	1	TDD	KI	29A		
01954		XA242	38		XA236	76		168	9		AC318P	01	AC2RCA	01	3	TS8	C1	18A		
01955		XA236	76		XAL13	18		168	9		AC318P	02	AC318P	00	1	TDD	LP	37A	AC 31 - CLEAR	
01956		XAL13	18					168	9		AC318P	03	AQLS2A	01	2	TQ2	B2	10A		
01957		XA216	53		XA223	77		168	9		AC318Q	01	AD3182	01	1	ADD	E2	28B		
01958		XA223	77		XA334	08		168	9		AC318Q	02	AD31GA	01	2	TQ2	F1	38B		
01959		XA334	08		XA236	78		168	9		AC318Q	03	DA31CD	01	2	TLD	A1	06A		
								****	SIGNAL	AC318Q								IS ON THE NEXT PAGE	****	

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RECORD NUMBER	FROM			TO			REF			SIGNAL	FILE NO	EQUATION	TERMS	FACTOR	CPT OR TYPE	MODE	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SP. 21	MA. 21	CODE												COLOR
01960		XA236	78		XA246	34			168	9		AC3180	04	AC3180	00	1	T00	LQ	38A	AC 31 - PRESET	
01961		XA246	34		XA132	05			168	9		AC3180	05	AC304A	01	1	TT3	C2	16A		
01962		XA132	05						168	9		AC3180	06	A0002A	01	5	TS8	A1	03B		
01965		XA246	39		XA239	72			168	9		AC311A	01	AC311A	00	1	TT3	C3	198	BUS TO AC REG. -	
01966		XA239	72						168	9		AC311A	02	AC3190	01	6	TS8	F1	34A		
01967		XA246	50		XA239	74			168	9		AC312A	01	AC312A	00	1	TT3	D1	23A	ADDER TO AC REG.	
01968		XA239	74						168	9		AC312A	02	AC3190	01	7	TS8	F1	35B		
01969		XA246	43		XA239	73			168	9		AC313A	01	AC313A	00	1	TT3	D2	23B	AC RT. SHIFT 30 T	
01970		XA239	73						168	9		AC313A	02	AC3190	01	4	TS8	F1	36B		
01971		XA245	47		XA239	78			168	9		AC314A	01	AC314A	00	1	T04	D1	25B	AQ 00 TO AC 31	
01972		XA239	78						168	9		AC314A	02	AC3190	01	8	TS8	F1	38A		
01973		XA242	76		XA239	75			168	9		AC315A	01	AC315A	00	1	TS8	F1	37A	DB 00 TO AC 31	
01974		XA239	75						168	9		AC315A	02	AC3190	01	3	TS8	F1	37B		
01975		XA245	52		XA244	45			168	9		AC316A	01	AC314A	01	3	T04	D1	24A		
01976		XA244	45						168	9		AC316A	02	AC316A	00	1	TQ2	D3	24B	AQ 00 TO AC 31 IM	
01977		XA246	51		XA239	71			168	9		AC318A	01	AC318A	00	1	TT3	D3	27B	AQ 00 TO AC 24 -	
01978		XA239	71		XA240	78			168	9		AC318A	02	AC3190	01	5	TS8	F1	36A		
01979		XA240	78		XA240	61			168	9		AC318A	03	AC2590	01	8	TS8	F1	38A		
01980		XA240	61		XA239	60			168	9		AC318A	04	AC2490	01	8	TS8	E1	32B		
01981		XA239	60		XA239	56			168	9		AC318A	05	AC3090	01	6	TS8	E1	28A		
01982		XA239	56		XA239	34			168	9		AC318A	06	AC2990	01	1	TS8	D1	26A		
01983		XA239	34		XA239	18			168	9		AC318A	07	AC2890	01	5	TS8	C1	16A		
01984		XA239	18		XA239	13			168	9		AC318A	08	AC2790	01	5	TS8	B1	10A		
01985		XA239	13						168	9		AC318A	09	AC2690	01	8	TS8	A1	06B		
01986		XA239	76		XA236	77			168	9		AC3190	01	AC3190	00	1	TS8	F1	37A	AC 31 INPUT DATA	
01987		XA236	77						168	9		AC3190	02	AC3181	01	1	T00	L1	38B		
01988		XA219	61		XA215	42			168	9		ADGR1A	01	AD27B3	01	2	TAD	E3	32B		
01989		XA215	42		XA214	37			168	9		ADGR1A	02	AD25B4	01	1	TAD	C4	20A		
01990		XA214	37		XA214	25			168	9		ADGR1A	03	AD26B6	01	2	ADD	C6	18B		
01991		XA214	25		XA215	10			168	9		ADGR1A	04	AD30B6	01	2	ADD	B6	12B		
01992		XA215	10		XA130	52			168	9		ADGR1A	05	AD29B4	01	1	TAD	A4	07A		
01993		XA130	52						168	9		ADGR1A	06	ADGR1A	00	1	TQ2	D1	24A	ADDER LOGICAL GRO	
01994		XA214	70		XA216	26			168	9		ADGR2A	01	AD23B1	01	1	ADD	E1	33A		
01995		XA216	26		XA215	25			168	9		ADGR2A	02	AD21B4	01	1	ADD	B4	14A		
01996		XA215	25		XA216	10			168	9		ADGR2A	03	AD22B6	01	2	TAD	B6	12B		
01997		XA216	10		XA214	13			168	9		ADGR2A	04	AD17B4	01	1	ADD	A4	07A		
01998		XA214	13		XA130	46			168	9		ADGR2A	05	AD18B6	01	2	ADD	A6	06B		
01999		XA130	46						168	9		ADGR2A	06	ADGR2A	00	1	TQ2	D2	21A	ADDER LOGICAL GRO	
02000		XA221	72		XA215	75			168	9		ADGR3A	01	AD15E8	01	1	TAD	F8	34A		
									****	SIGNAL	ADGR3A		IS ON THE	NEXT PAGE	****						



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RECORD NUMBER	FROM				TO				SIGNAL	SFC NO	EQUATION	TRG	FAC	CKT OR CHIP TYPE	LOAD OR POWER PLANT	TEST POINTS	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	W/S	PREFIX	CONNECTOR	PIN	W/S											
02050		XA225	22		XA221	19		16B 9	ADSX20	01	ADSX20	00	1	TQ2 B1		12A	SIGN COMPARE EX 0		
02051		XA221	19					16B 9	ADSX20	02	ADSXB5	01	2	TAD B5		09B			
02052		XA225	26		XA224	06		16B 9	ADSX3A	01	ADSX20	01	1	TQ2 B1		14A			
02053		XA224	06					16B 9	ADSX3A	02	ADSX3A	00	1	TQ2 A1		05A	SIGN COMPARE EX 0		
02054		XA225	24		XA224	01		16B 9	ADSX4A	01	ADSX20	01	2	TQ2 B1		13A			
02055		XA224	01					16B 9	ADSX4A	02	ADSX4A	00	1	TQ2 A2		02B	SIGN COMPARE EX 0		
02056		XA230	11		XA229	68		16B 9	ADZD1A	01	ADZD1A	00	1	TS8 A1		05B	ADDER SUM ZERO DC		
02057		XA229	68					16B 9	ADZD1A	02	ADZD10	01	2	TQ2 E1		32A			
02058		XA230	78		XA229	66		16B 9	ADZD1J	01	ADZRC A	01	8	TS8 F1		38A			
02059		XA229	66					16B 9	ADZD10	02	ADZD10	00	1	TQ2 E1		31A	ADDER SUM ZERO DC		
02060		XA230	23		XA229	62		16B 9	ADZD2A	01	ADZD2A	00	1	TS8 B1		11B	ADDER SUM ZERO DC		
02061		XA229	62					16B 9	ADZD2A	02	ADZD20	01	2	TQ2 E2		29A			
02062		XA230	72		XA229	60		16B 9	ADZD20	01	ADZRC A	01	6	TS8 F1		34A			
02063		XA229	60					16B 9	ADZD20	02	ADZD20	00	1	TQ2 E2		28A	ADDER SUM ZERO DC		
02064		XA230	35		XA229	53		16B 9	ADZD3A	01	ADZD3A	00	1	TS8 C1		17B	ADDER SUM ZERO DC		
02065		XA229	53					16B 9	ADZD3A	02	ADZD30	01	1	TQ2 E3		28B			
02066		XA230	73		XA229	57		16B 9	ADZD30	01	ADZRC A	01	4	TS8 F1		36B			
02067		XA229	57					16B 9	ADZD30	02	ADZD30	00	1	TQ2 E3		30B	ADDER SUM ZERO DC		
02068		XA230	47		XA229	59		16B 9	ADZD4A	01	ADZD4A	00	1	TS8 D1		25B	ADDER SUM ZERO DC		
02069		XA229	59					16B 9	ADZD4A	02	ADZD40	01	1	TQ2 E4		31B			
02070		XA230	71		XA229	63		16B 9	ADZD40	01	ADZP C A	01	5	TS8 F1		36A			
02071		XA229	63					16B 9	ADZD40	02	ADZD40	00	1	TQ2 E4		33B	ADDER SUM ZERO DC		
21412		XA202	15		XA212	65		16B 9	ADZRC A	01				EXT					
02073		XA212	65		XA228	64		16B 9	ADZRC A	02	AKY52A	01	3	TT3 F2		34B			
02074		XA228	64		XA228	71		16B 9	ADZRC A	03	ADZRC0	01	1	TQ2 E2		30A			
02075		XA228	71		XA230	76		16B 9	ADZRC A	04	ACC65A	01	2	TQ2 F2		36A			
02076		XA230	76					16B 9	ADZRC A	05	ADZRC A	00	1	TS8 F1		37A	ADDER SUM IS ZERO		
21415		XA202	17		XA223	71		16B 9	ADZRC0	01				EXT					
02082		XA223	71		XA212	75		16B 9	ADZRC0	02	AKDM5A	01	2	TQ2 F2		36A			
02083		XA212	75		XA228	60		16B 9	ADZRC0	03	AKY51A	01	3	TT3 F1		37B			
02084		XA228	60					16B 9	ADZRC0	04	ADZRC0	00	1	TQ2 E2		28A	ADDER SUM IS ZERO		
02089		XA350	21		XA323	76		16B 9	A000B1	01	AC002A	01	1	TT3 B3		13B			
02090		XA323	76		XA219	50		16B 9	A000B1	02	DA0000	01	1	TLD F4		37A			
02091		XA219	50		XA229	04		16B 9	A000B1	03	A000B1	00	1	TAD D1		23A	ADDER SW20 SUM -		
02092		XA229	04		XA151	13		16B 9	A000B1	04	A000C A	01	1	TQ2 A2		04A			
02093		XA151	13					16B 9	A000B1	05	AY002A	01	2	TQ2 A4		06B			
									****	SIGNAL	A000B2	IS ON THE NEXT PAGE				****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM			TO			W R E			MULTI GROUP	CODE	COL. IN	DEPT	PC INSTR	SIGNAL	FREQ	EQUATION	TERM	FACTOR	UNIT TYPE	DOW	PLAN	TEST POINT	SIGNAL DESCRIPTION	SYM NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN																			
02094		XA224	04		XA223	08				16B	9			AD00B2	01	AD SX 4A	01	1	TQ2	A2		04A			
02095		XA223	08		XA221	13				16B	9			AD00B2	02	AD 00T A	01	2	TQ2	A1		06A			
02096		XA221	13		XA219	48				16B	9			AD00B2	03	AD SE B6	01	2	TAD	A6		06B			
02097		XA219	48							16B	9			AD00B2	04	AD 00B2	00	1	TAD	O2		22A	ADDER SM20 PRGP.		
02098		XA225	04		XA221	09				16B	9			AD00B3	01	AD 00LA	01	1	TQ2	A2		04A			
02099		XA221	09		XA219	46				16B	9			AD00B3	02	AD SE B5	01	3	TAD	A5		04B			
02100		XA219	46							16B	9			AD00B3	03	AD 00B3	00	1	TAD	D3		21A	ADDER SM20 CARRY		
02101		XA230	01		XA229	01				16B	9			AD00CA	01	AD ZD1A	01	6	TS8	A1		02B			
02102		XA229	01							16B	9			AD00CA	02	AD 00CA	00	1	TQ2	A2		02B	ADDER SUM 00 - A		
02103		XA235	55		XA225	07				16B	9			AD00GA	01	AL 00C0	01	4	T04	E2		29B			
02104		XA225	07		XA224	09				16B	9			AD00GA	02	AD 00G0	01	2	TQ2	A3		03A			
02105		XA224	09							16B	9			AD00GA	03	AD 00GA	09	1	TQ2	A3		04B	BIT 00 GENERATE		
02106		XA322	76		XA221	17				16B	9			AD00G0	01	DA 00GD	01	1	TLO	F4		37A			
02107		XA221	17		XA225	09				16B	9			AD00G0	02	AD SX B5	01	1	TAD	B5		08B			
02108		XA225	09							16B	9			AD00G0	03	AD 00G0	03	1	TQ2	A3		04B	BIT 00 GENERATE		
02109		XA246	62		XA245	61				16B	9			AD00LA	01	AC 0B2A	01	1	TT3	E2		29A			
02110		XA245	61		XA225	01				16B	9			AD00LA	02	ACA 02A	01	4	T04	E1		32B			
02111		XA225	01		XA111	48				16B	9			AD00LA	03	AD 00LA	00	1	TQ2	A2		02B	ADDER BIT 00 CARR		
02112		XA111	48		XA115	40				16B	9			AD00LA	04	AK 0V2A	01	2	T04	O2		22A			
02113		XA115	40		XA115	09				16B	9			AD00LA	05	AK YN3A	01	2	TY3	C1		19A			
02114		XA115	09							16B	9			AD00LA	06	AK YC3A	01	1	TT3	A3		04B			
02115		XA227	05		XA225	13				16B	9			AD00TA	01	AD SX CA	01	2	T04	A2		03B			
02116		XA225	13		XA224	10				16B	9			AD00TA	02	AD 00T0	01	2	TQ2	A4		06B			
02117		XA224	10		XA223	06				16B	9			AD00TA	03	AD SX 3A	01	1	TQ2	A1		07A			
02118		XA223	06		XA221	25				16B	9			AD00TA	04	AD 00TA	05	1	TQ2	A1		05A	ADDER EXCL. OR -		
02119		XA221	25							16B	9			AD00TA	05	AD SX B6	01	2	TAD	B6		12B			
02120		XA320	76		XA227	68				16B	9			AD00T0	01	DA 00T0	01	1	TLO	F4		37A			
02121		XA227	68		XA227	62				16B	9			AD00T0	02	AL 002A	01	2	T04	E1		32A			
02122		XA227	62		XA231	25				16B	9			AD00T0	03	AL 003A	01	2	T04	E2		29A			
02123		XA231	25		XA225	15				16B	9			AD00T0	04	AL 001A	01	3	TT3	B3		12B			
02124		XA225	15							16B	9			AD00T0	05	AD 00T0	00	1	TQ2	A4		07B	AD 00 EXCL. OR UN		
02129		XA350	30		XA323	74				16B	9			AD01B4	01	AC 012A	01	2	TT3	C2		15A			
02130		XA323	74		XA220	04				16B	9			AD01B4	02	DA 01DD	01	2	TLO	F3		35B			
02131		XA220	04		XA229	03				16B	9			AD01B4	03	AD 01B4	00	1	TAD	A4		04A	ADDER SM30 SUM -		
02132		XA229	03		XA151	19				16B	9			AD01B4	04	AD 01CA	01	1	TQ2	A3		02A			
02133		XA151	19							16B	9			AD01B4	05	AY 012A	01	2	TQ2	B3		09B			
02134		XA227	01		XA223	11				16B	9			AD01B5	01	AD SX CA	01	3	T04	A2		02B			
02135		XA223	11		XA223	05				16B	9			AD01B5	02	AD 01PA	01	1	TQ2	A4		05B			
02136		XA223	05		XA223	07				16B	9			AD01B5	03	AD 01TA	01	2	TQ2	A2		03B			
02137		XA223	07		XA220	05				16B	9			AD01B5	04	AD 01MA	01	2	TQ2	A3		03A			
02138		XA220	05							16B	9			AD01B5	05	AD 01B5	00	1	TAD	A5		03B	ADDER SM30 PRGP.		



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REL NO	EQUATION	TERMS	CATER	CAT OF CHIP TYPE	TRAMP	UNIT NO	SIGNAL DESCRIPTION	REQ NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
02178		XA221	30		XA220	09		16B	9			AD02B6	03	AD02B6	00	1	TAD	C6		15A	ADDER SM30 GEN.	
02179		XA220	09		XA223	03		16B	9			AD02B6	04	AD01B5	01	3	TAD	A5		04B		
02180		XA223	03					16B	9			AD02B6	05	AD014A	01	1	TQ2	A3		02A		
02181		XA230	08		XA229	15		16B	9			AD02CA	01	AD021A	01	2	TS8	A1		06A		
02182		XA229	15					16B	9			AD02CA	02	AD02CA	00	1	TQ2	A4		07B	ADDER SUM 02 - A	
02183		XA225	40		XA224	38		16B	9			AD02TA	01	AD02T0	01	2	TQ2	C1		19A		
02184		XA224	38					16B	9			AD02TA	02	AD02TA	00	1	TQ2	C1		18A	AD 02 EXCL. DR UN	
02185		XA320	71		XA227	64		16B	9			AD02T0	01	DA02T0	01	2	TLD	F2		36A		
02186		XA227	64		XA225	38		16B	9			AD02T0	02	AL003A	01	1	TD4	E2		30A		
02187		XA225	38					16B	9			AD02T0	03	AD02T0	00	1	TQ2	C1		18A	AD 02 EXCL. DR UN	
02190		XA350	79		XA323	77		16B	9			AD03B1	01	AC032A	01	1	TT3	F1		39B		
02191		XA323	77		XA218	50		16B	9			AD03B1	02	DA030D	01	2	TLD	F1		38B		
02192		XA218	50		XA228	10		16B	9			AD03B1	03	AD03B1	00	1	TAD	D1		23A	BIT 03 SM20 SUM	
02193		XA228	10		XA151	56		16B	9			AD03B1	04	AD03CA	01	1	TQ2	A1		07A		
02194		XA151	56					16B	9			AD03B1	05	AY032A	01	1	TQ2	D1		26A		
02195		XA320	77		XA218	48		16B	9			AD03B2	01	DA03T0	01	2	TLD	F1		38B		
02196		XA218	48					16B	9			AD03B2	02	AD03B2	00	1	TAD	D2		22A	ADDER SM20 PROP.	
02197		XA227	60		XA219	51		16B	9			AD03B3	01	AL003A	01	3	TD4	E2		28A		
02198		XA219	51		XA218	46		16B	9			AD03B3	02	AD03B3	01	3	TAD	D3		27B		
02199		XA218	46		XA221	33		16B	9			AD03B3	03	AD03B3	00	1	TAD	D3		21A	ADDER SM20 CARRY	
02200		XA221	33		XA221	27		16B	9			AD03B3	04	AD02B5	01	3	TAD	C5		16B		
02201		XA221	27		XA221	15		16B	9			AD03B3	05	AD03B6	01	3	TAD	B6		13B		
02202		XA221	15		XA220	11		16B	9			AD03B3	06	AD03E6	01	3	TAD	A6		07B		
02203		XA220	11					16B	9			AD03B3	07	AD01B6	01	1	TAD	A6		05B		
02204		XA230	13		XA228	06		16B	9			AD03CA	01	AD021A	01	8	TS8	A1		06B		
02205		XA228	06					16B	9			AD03CA	02	AD03CA	00	1	TQ2	A1		05A	ADDER SUM 03 - A	
02206		XA220	69		XA218	52		16B	9			AD03E7	01	AD03E7	00	1	TAD	F7		35A	ADDER SM40 CARRY	
02207		XA218	52					16B	9			AD03E7	02	AD03B1	01	3	TAD	D1		24A		
02208		XA220	76		XA218	54		16B	9			AD03E8	01	AD03E8	00	1	TAD	F8		37A	ADDER SM40 CARRY	
02209		XA218	54					16B	9			AD03E8	02	AD03B1	01	2	TAD	D1		25A		
02210		XA225	34		XA224	30		16B	9			AD03GA	01	AD03G0	01	2	TQ2	C2		16A		
02211		XA224	30					16B	9			AD03GA	02	AD03GA	00	1	TQ2	C2		15A	BIT 03 GENERATE	
02212		XA322	77		XA225	30		16B	9			AD03G0	01	DA03GD	01	2	TLD	F1		38B		
02213		XA225	30					16B	9			AD03G0	02	AD03G0	00	1	TQ2	C2		15A	BIT 03 GENERATE	
02214		XA349	03		XA151	49		16B	9			AD04B4	01	AC042A	01	3	TT3	A2		02A		
02215		XA151	49		XA228	04		16B	9			AD04B4	02	AY042A	01	2	TQ2	D4		26B		
02216		XA228	04		XA220	20		16B	9			AD04B4	03	AD04CA	01	1	TQ2	A2		04A		
02217		XA220	20		XA323	61		16B	9			AD04B4	04	AD04B4	00	1	TAD	B4		11A	ADDER SM30 SUM -	
								****			SIGNAL	AD04B4		IS ON THE			NEXT PAGE		****			

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER FLANG	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												DEL	INS	
02218		XA323	61					168	9		AD04B4	05	DA0400	01	2	TLD	E4	32B					
02219		XA320	61		XA220	18		168	9		AD04B5	01	DA04T0	01	2	TLD	E4	32B					
02220		XA220	18					168	9		AD04B5	02	AD04B5	00	1	TAD	B5	10A		ADDER SM30 PROP.			
02221		XA322	61		XA220	14		168	9		AD04B6	01	DA04G0	01	2	TLD	E4	32B					
02222		XA220	14					168	9		AD04B6	02	AD04B6	00	1	TAD	B6	09A		ADDER SM30 GEN.			
02223		XA230	07		XA228	01		168	9		AD04CA	01	AD2D1A	01	7	TS8	A1	03A					
02224		XA228	01					168	9		AD04CA	02	AD04CA	00	1	TQ2	A2	02B		ADDER SUM 04 - A			
02225		XA209	76		XA221	50		168	9		AD04L1	01				RR1	H4						
02226		XA221	50					168	9		AD04L1	02	AD04L1	00	1	TAD	D1	23A		ADDER SM20 DUMMY-0			
02227		XA227	24		XA221	48		168	9		AD04L2	01	AD04PA	01	2	TD4	B1	13A					
02228		XA221	48					168	9		AD04L2	02	AD04L2	00	1	TAD	O2	22A		ADDER SM20 PROP.			
02229		XA221	46		XA218	45		168	9		AD04L3	01	AD04L3	00	1	TAD	O3	21A		ADDER SM20 GEN.			
02230		XA218	45					168	9		AD04L3	02	AD03B2	01	3	TAD	D2	24B					
02231		XA227	23		XA225	29		168	9		AD04PA	01	AD04PA	00	1	TD4	B1	11B		BIT 04-07 PROPOGA			
02232		XA225	29					168	9		AD04PA	02	AD04P0	01	1	TQ2	C3	14B					
02233		XA225	33		XA218	49		168	9		AD04P0	01	AD04P0	00	1	TQ2	C3	16B		BIT 04-07 PROPOGA			
02234		XA218	49		XA220	80		168	9		AD04P0	02	AD03B3	01	2	TAD	D3	26B					
02235		XA220	80					168	9		AD04P0	03	AD03E8	01	5	TAD	F8	39A					
02236		XA349	25		XA151	55		168	9		AD05B4	01	AC052A	01	3	TT3	B3	12B					
02237		XA151	55		XA228	03		168	9		AD05B4	02	AY052A	01	2	TQ2	E3	29B					
02238		XA228	03		XA219	04		168	9		AD05B4	03	AD05CA	01	1	TQ2	A3	02A					
02239		XA219	04		XA323	55		168	9		AD05B4	04	AD05B4	00	1	TAD	A4	04A		ADDER SM30 SUM -			
02240		XA323	55					168	9		AD05B4	05	DA05D0	01	2	TLD	E3	29B					
02241		XA221	49		XA227	25		168	9		AD05B5	01	AD04L3	01	2	TAD	O3	26B					
02242		XA227	25		XA224	29		168	9		AD05B5	02	AD04PA	01	4	TD4	B1	12B					
02243		XA224	29		XA220	25		168	9		AD05B5	03	AD05TA	01	1	TQ2	C3	14B					
02244		XA220	25		XA219	05		168	9		AD05B5	04	AD04B6	01	2	TAD	B6	12B					
02245		XA219	05					168	9		AD05B5	05	AD05B5	00	1	TAD	A5	03B		ADDER SM30 PROP.			
02246		XA322	53		XA221	45		168	9		AD05B6	01	DA05G0	01	1	TLD	E3	28B					
02247		XA221	45		XA220	21		168	9		AD05B6	02	AD04L2	01	3	TAD	O2	24B					
02248		XA220	21		XA219	01		168	9		AD05B6	03	AD04B5	01	3	TAD	B5	10B					
02249		XA219	01					168	9		AD05B6	04	AD05B6	00	1	TAD	A6	02B		ADDER SM30 GEN.			
02250		XA230	04		XA228	09		168	9		AD05CA	01	AD2D1A	01	4	TS8	A1	04A					
02251		XA228	09					168	9		AD05CA	02	AD05CA	00	1	TQ2	A3	04B		ADDER SUM 05 - A			
02252		XA225	35		XA224	33		168	9		AD05TA	01	AD05T0	01	1	TQ2	C4	17B					
02253		XA224	33					168	9		AD05TA	02	AD05TA	00	1	TQ2	C3	16B		AD 05 EXCL. OR UN			
											****	SIGNAL	(AD05T0	S ON THE NEXT PAGE ****									



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	T	F	C	D	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	TCO NO	
	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO
02254		XA320	55		XA225	39			168	9			AD05T0	01	DA05T0	01	2	TLD	E3		29B			
02255		XA225	39						168	9			AD05T0	02	AD05T0	00	1	TQ2	C4		19B	AD 05 EXCL. OR UN		
02256		XA349	52		XA323	62			168	9			AD06B4	01	AC062A	01	3	TT3	D1		24A			
02257		XA323	62		XA218	04			168	9			AD06B4	02	DA06DD	01	2	TLD	E2		29A			
02258		XA218	04		XA228	11			168	9			AD06B4	03	AD06B4	00	1	TAD	A4		04A	ADDER SM30 SUM -		
02259		XA228	11		XA151	73			168	9			AD06B4	04	AD06CA	01	1	TQ2	A4		05B			
02260		XA151	73						168	9			AD06B4	05	AY062A	01	1	TQ2	F2		36B			
02261		XA221	56		XA227	22			168	9			AD06B5	01	AD04L1	01	1	TAD	D1		26A			
02262		XA227	22		XA224	37			168	9			AD06B5	02	AD04PA	01	3	T04	B1		12A			
02263		XA224	37		XA220	26			168	9			AD06B5	03	AD06TA	01	2	TQ2	C4		18B			
02264		XA220	26		XA219	13			168	9			AD06B5	04	AD04B4	01	1	TAD	B4		14A			
02265		XA219	13		XA218	05			168	9			AD06B5	05	AD05B6	01	2	TAD	A6		06B			
02266		XA218	05						168	9			AD06B5	06	AD06B5	00	1	TAD	A5		03B	ADDER SM30 PROP.		
02267		XA322	62		XA221	47			168	9			AD06B6	01	DA06GD	01	2	TLD	E2		29A			
02268		XA221	47		XA220	23			168	9			AD06B6	02	AD04L3	01	1	TAD	D3		29B			
02269		XA220	23		XA219	09			168	9			AD06B6	03	AD04B6	01	1	TAD	B6		11B			
02270		XA219	09		XA218	01			168	9			AD06B6	04	AD05B5	01	3	TAD	A5		04B			
02271		XA218	01						168	9			AD06B6	05	AD06B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -		
02272		XA230	10		XA228	15			168	9			AD06CA	01	ADZD1A	01	1	TS8	A1		07A			
02273		XA228	15						168	9			AD06CA	02	AD06CA	00	1	TQ2	A4		07B	ADDER SUM 06 - A		
02274		XA225	54		XA224	39			168	9			AD06TA	01	AD06T0	01	2	TQ2	D1		25A			
02275		XA224	39						168	9			AD06TA	02	AD06TA	00	1	TQ2	C4		19B	AD 06 EXCL. OR UN		
02276		XA320	62		XA225	52			168	9			AD06T0	01	DA06T0	01	2	TLD	E2		29A			
02277		XA225	52						168	9			AD06T0	02	AD06T0	00	1	TQ2	D1		24A	AD 06 EXCL. OR UN		
02280		XA349	62		XA323	70			168	9			AD07B1	01	AC072A	01	1	TT3	E2		29A			
02281		XA323	70		XA217	50			168	9			AD07B1	02	DA07DD	01	1	TLD	E1		33A			
02282		XA217	50		XA229	24			168	9			AD07B1	03	AD07B1	00	1	TAD	D1		23A	ADDER SM20 SUM -		
02283		XA229	24		XA150	04			168	9			AD07B1	04	AD07CA	01	2	TQ2	B1		13A			
02284		XA150	04						168	9			AD07B1	05	AY072A	01	1	TQ2	A2		04A			
02285		XA320	70		XA217	48			168	9			AD07B2	01	DA07T0	01	1	TLD	E1		33A			
02286		XA217	48		XA227	26			168	9			AD07B2	02	AD07B2	00	1	TAD	D2		22A	ADDER SM20 PROP.		
02287		XA227	26						168	9			AD07B2	03	AD04PA	01	1	T04	B1		14A			
02288		XA218	09		XA219	11			168	9			AD07B3	01	AD06B5	01	3	TAD	A5		04B			
02289		XA219	11		XA220	27			168	9			AD07B3	02	AD05B6	01	1	TAD	A6		05B			
02290		XA220	27		XA217	46			168	9			AD07B3	03	AD04B6	01	3	TAD	B6		13B			
02291		XA217	46						168	9			AD07B3	04	AD07B3	00	1	TAD	D3		21A	ADDER SM20 CARRY		
02292		XA230	22		XA229	22			168	9			AD07CA	01	ADZD2A	01	3	TS8	B1		12A			
02293		XA229	22						168	9			AD07CA	02	AD07CA	00	1	TQ2	B1		12A	ADDER SUM 07 - A		
02294		XA219	69		XA217	52			168	9			AD07E7	01	AD07E7	00	1	TAD	F7		35A	ADDER SM40 CARRY		
									****		SIGNAL	AD07E7			IS ON THE								NEXT PAGE	****

DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012

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AD07E7

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

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR											
02295		XA217	52					16B	9		AD07E7	02	AD07B1	01	3	TAD	D1	24A		
02296		XA219	76		XA217	54		16B	9		AD07E8	01	AD07E8	00	1	TAD	F8	37A	ADDER SM40 CARRY	
02297		XA217	54					16B	9		AD07E8	02	AD07B1	01	2	TAD	D1	25A		
02298		XA225	48		XA223	38		16B	9		AD07GA	01	AD07G0	01	2	TQ2	D2	22A		
02299		XA223	38					16B	9		AD07GA	02	AD07GA	00	1	TQ2	C1	18A	BIT 07 GENERATE -	
02300		XA322	70		XA221	51		16B	9		AD07G0	01	DA07G0	01	1	TLO	E1	33A		
02301		XA221	51		XA225	46		16B	9		AD07G0	02	AD04L3	01	3	TAD	D3	27B		
02302		XA225	46					16B	9		AD07G0	03	AD07G0	00	1	TQ2	D2	21A	BIT 07 GENERATE -	
02309		XA349	69		XA333	76		16B	9		AD08B4	01	AC082A	01	1	TT3	F3	35A		
02310		XA333	76		XA229	20		16B	9		AD08B4	02	DA08D0	01	1	TLO	F4	37A		
02311		XA229	20		XA220	36		16B	9		AD08B4	03	AD08CA	01	1	TQ2	B2	11A		
02312		XA220	36		XA150	26		16B	9		AD08B4	04	AD08B4	00	1	TAD	C4	17A	ADDER SM30 SUM -	
02313		XA150	26					16B	9		AD08B4	05	AY082A	01	1	TQ2	B1	14A		
02314		XA330	76		XA220	34		16B	9		AD08B5	01	DA08TD	01	1	TLO	F4	37A		
02315		XA220	34					16B	9		AD08B5	02	AD08B5	00	1	TAD	C5	16A	ADDER SM30 PROP.	
02316		XA332	76		XA220	30		16B	9		AD08B6	01	DA08GD	01	1	TLO	F4	37A		
02317		XA220	30					16B	9		AD08B6	02	AD08B6	00	1	TAD	C6	15A	ADDER SM30 GEN. -	
02318		XA230	14		XA229	14		16B	9		AD08CA	01	AD0D2A	01	6	TS8	B1	09A		
02319		XA229	14					16B	9		AD08CA	02	AD08CA	00	1	TQ2	B2	09A	ADDER SUM 08 - A	
02320		XA209	77		XA221	64		16B	9		AD08L1	01				RR1	H5			
02321		XA221	64					16B	9		AD08L1	02	AD08LI	00	1	TAD	E1	30A	ADDER SM20 DUMMY-0	
02322		XA227	20		XA221	62		16B	9		AD08L2	01	AD08PA	01	1	TD4	B2	11A		
02323		XA221	62					16B	9		AD08L2	02	AD08L2	00	1	TAD	E2	29A	ADDER SM20 PROP.	
02324		XA221	60		XA218	47		16B	9		AD08L3	01	AD08L3	00	1	TAD	E3	28A	ADDER SM20 GEN.	
02325		XA218	47		XA217	45		16B	9		AD08L3	02	AD03B3	01	1	TAD	D3	25B		
02326		XA217	45					16B	9		AD08L3	03	AD07B2	01	3	TAD	D2	24B		
02327		XA227	21		XA225	41		16B	9		AD08PA	01	AD08PA	00	1	TD4	B2	10B	BIT 08-11 PROPOGA	
02328		XA225	41					16B	9		AD08PA	02	AD08P0	01	1	TQ2	D3	22B		
02329		XA218	56		XA219	79		16B	9		AD08P0	01	AD03B1	01	1	TAD	D1	26A		
02330		XA219	79		XA225	45		16B	9		AD08P0	02	AD07E7	01	1	TAD	F7	39B		
02331		XA225	45		XA220	65		16B	9		AD08P0	03	AD08P0	00	1	TQ2	D3	24B	BIT 08-11 PROPOGA	
02332		XA220	65		XA217	49		16B	9		AD08P0	04	AD03E8	01	2	TAD	F8	34B		
02333		XA217	49					16B	9		AD08P0	05	AD07B3	01	2	TAD	D3	26B		
02338		XA219	20		XA229	19		16B	9		AD09B4	01	AD09B4	00	1	TAD	B4	11A	ADDER SM30 SUM -	
02339		XA229	19		XA333	74		16B	9		AD09B4	02	AD09CA	01	2	TQ2	B3	09B		
02340		XA333	74		XA348	22		16B	9		AD09B4	03	DA09DD	01	2	TLO	F3	35B		
02341		XA348	22		XA150	25		16B	9		AD09B4	04	AC092A	01	3	TT3	B1	12A		
								****		SIGNAL	AD09B4		IS ON THE					****		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
02342		XA150	25							168	9		AD09B4	05	AY092A	01	2	TQ2	B4		12B		
02343		XA227	14		XA223	34				168	9		AD09B5	01	AD08PA	01	3	TD4	B2		09A		
02344		XA223	34		XA220	37				168	9		AD09B5	02	AD09TA	01	2	TQ2	C2		16A		
02345		XA220	37		XA219	18				168	9		AD09B5	03	AD08B6	01	2	TAD	C6		18B		
02346		XA219	18		XA221	61				168	9		AD09B5	04	AD09B5	00	1	TAD	B5		10A	ADDER SM30 PROP.	
02347		XA221	61							168	9		AD09B5	05	AD08L3	01	2	TAD	E3		32B		
02348		XA221	57		XA332	74				168	9		AD09B6	01	AD08L2	01	3	TAD	E2		30B		
02349		XA332	74		XA220	33				168	9		AD09B6	02	DA09GD	01	2	TLD	F3		35B		
02350		XA220	33		XA219	14				168	9		AD09B6	03	AD08B5	01	3	TAD	C5		16B		
02351		XA219	14							168	9		AD09B6	04	AD09B6	00	1	TAD	B6		09A	ADDER SM30 GEN. -	
02352		XA230	18		XA229	21				168	9		AD09CA	01	ADZD2A	01	5	TS8	B1		10A		
02353		XA229	21							168	9		AD09CA	02	AD09CA	00	1	TQ2	B3		10B	ADDER SUM 09 - A	
02354		XA225	47		XA223	30				168	9		AD09TA	01	AD09T0	01	1	TQ2	D4		25B		
02355		XA223	30							168	9		AD09TA	02	AD09TA	00	1	TQ2	C2		15A	AD 09 EXCL. OR UN	
02356		XA330	74		XA225	51				168	9		AD09T0	01	DA09TD	01	2	TLD	F3		35B		
02357		XA225	51							168	9		AD09T0	02	AD09T0	00	1	TQ2	D4		27B	AD 09 EXCL. OR UN	
02360		XA218	20		XA229	25				168	9		AD10B4	01	AD10B4	00	1	TAD	B4		11A	ADDER SM30 SUM -	
02361		XA229	25		XA333	71				168	9		AD10B4	02	AD10CA	01	2	TQ2	B4		12B		
02362		XA333	71		XA348	30				168	9		AD10B4	03	DA10DD	01	2	TLD	F2		36A		
02363		XA348	30		XA150	31				168	9		AD10B4	04	AC102A	01	2	TT3	C2		15A		
02364		XA150	31							168	9		AD10B4	05	AY102A	01	2	TQ2	C3		15B		
02365		XA227	19		XA223	31				168	9		AD10B5	01	AD08PA	01	4	TD4	B2		09B		
02366		XA223	31		XA220	42				168	9		AD10B5	02	AD10TA	01	2	TQ2	C3		15B		
02367		XA220	42		XA219	25				168	9		AD10B5	03	AD08B4	01	1	TAD	C4		20A		
02368		XA219	25		XA218	18				168	9		AD10B5	04	AD09B6	01	2	TAD	B6		12B		
02369		XA218	18		XA221	70				168	9		AD10B5	05	AD10B5	00	1	TAD	B5		10A	ADDER SM30 PROP.	
02370		XA221	70							168	9		AD10B5	06	AD08L1	01	1	TAD	E1		33A		
02371		XA332	71		XA221	59				168	9		AD10B6	01	DA10GD	01	2	TLD	F2		36A		
02372		XA221	59		XA220	35				168	9		AD10B6	02	AD08L3	01	1	TAD	E3		31B		
02373		XA220	35		XA219	21				168	9		AD10B6	03	AD08B6	01	1	TAD	C6		17B		
02374		XA219	21		XA218	14				168	9		AD10B6	04	AD09B5	01	3	TAD	B5		10B		
02375		XA218	14							168	9		AD10B6	05	AD10B6	00	1	TAD	B6		07A	ADDER SM30 GEN. -	
02376		XA230	24		XA229	27				168	9		AD10CA	01	ADZD2A	01	2	TS8	B1		13A		
02377		XA229	27							168	9		AD10CA	02	AD10CA	00	1	TQ2	B4		13B	ADDER SUM 10 - A	
02378		XA225	68		XA223	33				168	9		AD10TA	01	AD10T0	01	2	TQ2	E1		32A		
02379		XA223	33							168	9		AD10TA	02	AD10TA	00	1	TQ2	C3		16B	AD 10 EXCL. OR UN	
02380		XA330	71		XA225	66				168	9		AD10T0	01	DA10T0	01	2	TLD	F2		36A		
02381		XA225	66							168	9		AD10T0	02	AD10T0	00	1	TQ2	E1		31A	AD 10 EXCL. OR UN	
										****	SIGNAL	AD11B1			IS ON THE	NEXT PAGE	****						

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AD11B1

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR												IDENT	
02388		XA348	49		XA333	77				16B	9		AD11B1	01	AC112A	01	3	TT3	D3		26B			
02389		XA333	77		XA217	64				16B	9		AD11B1	02	DA110D	01	2	TLD	F1		38B			
02390		XA217	64		XA228	26				16B	9		AD11B1	03	AD11B1	00	1	TAD	E1		30A	ADDER SM20 SUM -		
02391		XA228	26		XA150	50				16B	9		AD11B1	04	AD11CA	01	1	TQ2	B1		14A			
02392		XA150	50							16B	9		AD11B1	05	AY112A	01	1	TQ2	D2		23A			
02393		XA330	77		XA217	62				16B	9		AD11B2	01	DA11TD	01	2	TLD	F1		38B			
02394		XA217	62		XA227	18				16B	9		AD11B2	02	AD11B2	00	1	TAD	E2		29A	ADDER SM20 PROP.		
02395		XA227	18							16B	9		AD11B2	03	AD08PA	01	2	TQ4	B2		10A			
02396		XA218	21		XA219	23				16B	9		AD11B3	01	AD10B5	01	3	TAD	B5		10B			
02397		XA219	23		XA220	39				16B	9		AD11B3	02	AD09B6	01	1	TAD	B6		11B			
02398		XA220	39		XA217	60				16B	9		AD11B3	03	AD08B6	01	3	TAD	C6		19B			
02399		XA217	60							16B	9		AD11B3	04	AD11B3	00	1	TAD	E3		28A	ADDER SM20 CARRY		
02400		XA230	25		XA228	22				16B	9		AD11CA	01	ADZD2A	01	8	TS8	B1		12B			
02401		XA228	22							16B	9		AD11CA	02	AD11CA	00	1	TQ2	B1		12A	ADDER SUM 11 - A		
02402		XA217	66		XA215	69				16B	9		AD11E7	01	AD11B1	01	3	TAD	E1		31A			
02403		XA215	69							16B	9		AD11E7	02	AD11E7	00	1	TAD	F7		35A	ADDER SM40 CARRY		
02404		XA217	68		XA215	76				16B	9		AD11E8	01	AD11B1	01	2	TAD	E1		32A			
02405		XA215	76							16B	9		AD11E8	02	AD11E8	00	1	TAD	F8		37A	ADDER SM40 CARRY		
02406		XA225	62		XA223	39				16B	9		AD11GA	01	AD11G0	01	2	TQ2	E2		29A			
02407		XA223	39							16B	9		AD11GA	02	AD11GA	00	1	TQ2	C4		19B	BIT 11 GENERATE -		
02408		XA332	77		XA225	60				16B	9		AD11G0	01	DA11GD	01	2	TLD	F1		38B			
02409		XA225	60		XA221	63				16B	9		AD11G0	02	AD11G0	00	1	TQ2	E2		28A	BIT 11 GENERATE -		
02410		XA221	63							16B	9		AD11G0	03	AD08L3	01	3	TAD	E3		33B			
02415		XA219	36		XA228	20				16B	9		AD12B4	01	AD12B4	00	1	TAD	C4		17A	ADDER SM30 SUM -		
02416		XA228	20		XA333	59				16B	9		AD12B4	02	AD12CA	01	1	TQ2	B2		11A			
02417		XA333	59		XA348	79				16B	9		AD12B4	03	DA12DD	01	1	TLD	E4		31B			
02418		XA348	79		XA150	70				16B	9		AD12B4	04	AC122A	01	1	TT3	F1		39B			
02419		XA150	70							16B	9		AD12B4	05	AY122A	01	1	TQ2	E1		33A			
02420		XA330	59		XA219	34				16B	9		AD12B5	01	DA12TD	01	1	TLD	E4		31B			
02421		XA219	34							16B	9		AD12B5	02	AD12B5	00	1	TAD	C5		16A	ADDER SM30 PROP.		
02422		XA332	59		XA219	30				16B	9		AD12B6	01	DA12GD	01	1	TLD	E4		31B			
02423		XA219	30							16B	9		AD12B6	02	AD12B6	00	1	TAD	C6		15A	ADDER SM30 GEN. -		
02424		XA230	19		XA228	14				16B	9		AD12CA	01	ADZD2A	01	7	TS8	B1		09B			
02425		XA228	14							16B	9		AD12CA	02	AD12CA	00	1	TQ2	B2		09A	ADDER SUM 12 - A		
02426		XA209	78		XA220	50				16B	9		AD12L1	01				RR1	H6					
02427		XA220	50							16B	9		AD12L1	02	AD12L1	00	1	TAD	D1		23A	ADDER SM20 DUMMY-1		
02428		XA227	37		XA220	48				16B	9		AD12L2	01	AD12PA	01	4	TQ4	C1		18B			
										****		SIGNAL	(AD12L2)		IS ON THE									

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AD12L2

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFD NO	EQUATION	WIRE F. L. M.	FACTOR	CON. OR CHIP TYPE	DUAL	LOAD OR POWER PLANE	TEST POINTS AND SP.	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COUNT	IDENT											
02429		XA220	48					16B	9			AD12L2	02	AD12L2	00	1	TAD	D2	22A	ADDER SM20 PRDP.		
02430		XA220	46		XA217	47		16B	9			AD12L3	01	AD12L3	00	1	TAD	D3	21A	ADDER SM20 GEN.		
02431		XA217	47		XA218	51		16B	9			AD12L3	02	AD07B3	01	1	TAD	D3	25B			
02432		XA218	51		XA217	57		16B	9			AD12L3	03	AD03B3	01	3	TAD	D3	27B			
02433		XA217	57					16B	9			AD12L3	04	AD11B2	01	3	TAD	E2	30B			
02434		XA227	35		XA225	53		16B	9			AD12PA	01	AD12PA	00	1	TD4	C1	17B	BIT 12-15 PROPOGA		
02435		XA225	53					16B	9			AD12PA	02	AD12P0	01	1	TQ2	E3	28B			
02436		XA225	57		XA220	79		16B	9			AD12P0	01	AD12P0	00	1	TQ2	E3	30B	BIT 12-15 PROPOGA		
02437		XA220	79		XA219	65		16B	9			AD12P0	02	AD03E7	01	1	TAD	F7	39B			
02438		XA219	65		XA217	61		16B	9			AD12P0	03	AD07E8	01	2	TAD	F8	34B			
02439		XA217	61		XA215	79		16B	9			AD12P0	04	AD11B3	01	2	TAD	E3	32B			
02440		XA215	79		XA217	56		16B	9			AD12P0	05	AD11E7	01	1	TAD	F7	39B			
02441		XA217	56					16B	9			AD12P0	06	AD07B1	01	1	TAD	D1	26A			
02444		XA333	55		XA344	01		16B	9			AD13B4	01	DA130D	01	2	TLD	E3	29B			
02445		XA344	01		XA228	19		16B	9			AD13B4	02	AC132A	01	2	TT3	A2	02B			
02446		XA228	19		XA218	36		16B	9			AD13B4	03	AD13CA	01	2	TQ2	B3	09B			
02447		XA218	36		XA150	61		16B	9			AD13B4	04	AD13B4	00	1	TAD	C4	17A	ADDER SM30 SUM -		
02448		XA150	61					16B	9			AD13B4	05	AY132A	01	2	TQ2	E4	32B			
02449		XA227	38		XA224	68		16B	9			AD13B5	01	AD12PA	01	3	TD4	C1	18A			
02450		XA224	68		XA220	49		16B	9			AD13B5	02	AD13TA	01	2	TQ2	E1	32A			
02451		XA220	49		XA219	37		16B	9			AD13B5	03	AD12L3	01	2	TAD	D3	26B			
02452		XA219	37		XA218	34		16B	9			AD13B5	04	AD12B6	01	2	TAD	C6	18B			
02453		XA218	34					16B	9			AD13B5	05	AD13B5	00	1	TAD	C5	16A	ADDER SM30 PROP.		
02454		XA332	55		XA220	45		16B	9			AD13B6	01	DA13GD	01	2	TLD	E3	29B			
02455		XA220	45		XA219	33		16B	9			AD13B6	02	AD12L2	01	3	TAD	D2	24B			
02456		XA219	33		XA218	30		16B	9			AD13B6	03	AD12B5	01	3	TAD	C5	16B			
02457		XA218	30					16B	9			AD13B6	04	AD13B6	00	1	TAD	C6	15A	ADDER SM30 GEN.		
02458		XA230	20		XA228	21		16B	9			AD13CA	01	ADZ02A	01	4	TS8	B1	11A			
02459		XA228	21					16B	9			AD13CA	02	AD13CA	00	1	TQ2	B3	10B	ADDER SUM 13 - A		
02460		XA225	61		XA224	66		16B	9			AD13TA	01	AD13T0	01	2	TQ2	E4	32B			
02461		XA224	66					16B	9			AD13TA	02	AD13TA	00	1	TQ2	E1	31A	AD 13 EXCL. OR UN		
02462		XA330	55		XA225	63		16B	9			AD13T0	01	DA13TD	01	2	TLD	E3	29B			
02463		XA225	63					16B	9			AD13T0	02	AD13T0	00	1	TQ2	E4	33B	AD 13 EXCL. OR UN		
02468		XA217	36		XA228	25		16B	9			AD14B4	01	AD14B4	00	1	TAD	C4	17A	ADDER SM30 SUM -		
02469		XA228	25		XA344	25		16B	9			AD14B4	02	AD14CA	01	2	TQ2	B4	12B			
02470		XA344	25		XA333	62		16B	9			AD14B4	03	AC142A	01	3	TT3	B3	12B			
02471		XA333	62		XA150	74		16B	9			AD14B4	04	DA14DD	01	2	TLD	E2	29A			
02472		XA150	74					16B	9			AD14B4	05	AY142A	01	2	TQ2	F3	35B			
02473		XA227	40		XA223	68		16B	9			AD14B5	01	AD12PA	01	2	TD4	C1	19A			
								****	SIGNAL	(AD14B5)										IS ON THE NEXT PAGE ****		

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	C/P 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	DENT											
02474		XA223	68		XA220	56		168	9			AD14B5	02	AD14TA	01	2	TQ2	E1		32A	
02475		XA220	56		XA219	42		168	9			AD14B5	03	AD12L1	01	1	TAD	D1		26A	
02476		XA219	42		XA218	37		168	9			AD14B5	04	AD12B4	01	1	YAD	C4		20A	
02477		XA218	37		XA217	34		168	9			AD14B5	05	AD13B6	01	2	TAD	C6		18B	
02478		XA217	34					168	9			AD14B5	06	AD14B5	00	1	TAD	C5		16A	ADDER SM30 PROP.
02479		XA332	62		XA220	47		168	9			AD14B6	01	DA14G0	01	2	TLD	E2		29A	
02480		XA220	47		XA219	35		168	9			AD14B6	02	AD12L3	01	1	TAD	O3		29B	
02481		XA219	35		XA218	33		168	9			AD14B6	03	AD12B6	01	1	YAD	C6		17B	
02482		XA218	33		XA217	30		168	9			AD14B6	04	AD13B5	01	3	YAD	C5		16B	
02483		XA217	30					168	9			AD14B6	05	AD14B6	00	1	TAD	C6		15A	ADDER SM30 GEN.
02484		XA230	26		XA228	27		168	9			AD14CA	01	AD2D2A	01	1	YS8	B1		14A	
02485		XA228	27					168	9			AD14CA	02	AD14CA	00	1	TQ2	B4		13B	ADDER SUM 14 - A
02486		XA225	77		XA223	66		168	9			AD14TA	01	AD14T0	01	2	TQ2	F1		38B	
02487		XA223	66					168	9			AD14TA	02	AD14TA	00	1	TQ2	E1		31A	AD 14 EXCL. OR UN
02488		XA330	62		XA225	75		168	9			AD14T0	01	DA14T0	01	2	TLD	E2		29A	
02489		XA225	75					168	9			AD14T0	02	AD14T0	00	1	TQ2	F1		37B	AD 14 EXCL. OR UN
02492		XA344	52		XA333	70		168	9			AD15B1	01	AC152A	01	3	TT3	D1		24A	
02493		XA333	70		XA229	42		168	9			AD15B1	02	DA15D0	01	1	TLD	E1		33A	
02494		XA229	42		XA220	64		168	9			AD15B1	03	AD15CA	01	1	TQ2	C1		20A	
02495		XA220	64		XA146	04		168	9			AD15B1	04	AD15B1	00	1	YAD	E1		30A	ADDER SM20 SUM -
02496		XA146	04					168	9			AD15B1	05	AY152A	01	1	TQ2	A2		04A	
02497		XA330	70		XA220	62		168	9			AD15B2	01	DA15T0	01	1	TLD	E1		33A	
02498		XA220	62		XA227	42		168	9			AD15B2	02	AD15B2	00	1	YAD	E2		29A	ADDER SM20 PROP.
02499		XA227	42					168	9			AD15B2	03	AD12PA	01	1	T04	C1		20A	
02500		XA220	60		XA219	39		168	9			AD15B3	01	AD15B3	00	1	TAD	E3		28A	ADDER SM20 CARRY
02501		XA219	39		XA218	35		168	9			AD15B3	02	AD12B6	01	3	TAD	C6		19B	
02502		XA218	35		XA217	33		168	9			AD15B3	03	AD13B6	01	1	TAD	C6		17B	
02503		XA217	33					168	9			AD15B3	04	AD14B5	01	3	YAD	C5		16B	
02504		XA230	38		XA229	38		168	9			AD15CA	01	AD2D3A	01	3	YS8	C1		18A	
02505		XA229	38					168	9			AD15CA	02	AD15CA	00	1	TQ2	C1		18A	ADDER SUM 15 - A
02506		XA221	69		XA220	66		168	9			AD15E7	01	AD15E7	00	1	TAD	F7		35A	ADDER SM40 CARRY
02507		XA220	66					168	9			AD15E7	02	AD15B1	01	3	TAD	E1		31A	
02508		XA221	76		XA220	68		168	9			AD15E8	01	AD15E8	00	1	TAD	F8		37A	ADDER SM40 CARRY
02509		XA220	68					168	9			AD15E8	02	AD15B1	01	2	TAD	E1		32A	
02510		XA225	71		XA224	60		168	9			AD15GA	01	AD15G0	01	2	TQ2	F2		36A	
02511		XA224	60					168	9			AD15GA	02	AD15GA	00	1	TQ2	E2		28A	BIT 15 GENERATE -
02512		XA332	70		XA225	72		168	9			AD15G0	01	DA15G0	01	1	TLD	E1		33A	
02513		XA225	72		XA220	51		168	9			AD15G0	02	AD15G0	00	1	TQ2	F2		34A	BIT 15 GENERATE -
								****			SIGNAL	AD15G0		IS ON THE					****		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC. MISC
02514		XA220	51							168	9			AD15G0	03	AD12L3	01	3	TAD	D3		27B		
02521		XA344	62		XA333	47				168	9			AD16B4	01	AC162A	01	1	TT3	E2		29A		
02522		XA333	47		XA229	36				168	9			AD16B4	02	DA1600	01	1	TLD	D4		25B		
02523		XA229	36		XA217	04				168	9			AD16B4	03	AD16CA	01	1	TQ2	C2		17A		
02524		XA217	04		XA146	26				168	9			AD16B4	04	AD16B4	00	1	TAD	A4		04A	ADDER SM30 SUM -	
02525		XA146	26							168	9			AD16B4	05	AV162A	01	1	TQ2	B1		14A		
02526		XA330	47		XA217	05				168	9			AD16B5	01	DA16TD	01	1	TLD	D4		25B		
02527		XA217	05							168	9			AD16B5	02	AD16B5	00	1	TAD	A5		03B	ADDER SM30 PROP.	
02528		XA332	47		XA217	01				168	9			AD16B6	01	DA16GD	01	1	TLD	D4		25B		
02529		XA217	01							168	9			AD16B6	02	AD16B6	00	1	TAD	A6		02B	ADDER SM30 GEN. -	
02530		XA230	30		XA229	30				168	9			AD16CA	01	ADZD3A	01	6	TS8	C1		15A		
02531		XA229	30							168	9			AD16CA	02	AD16CA	00	1	TQ2	C2		15A	ADDER SUM 16 - A	
02532		XA209	71		XA209	72				168	9			AD16L1	01				RR1	H1				
02533		XA209	72		XA215	64				168	9			AD16L1	02				RR1	G5				
02534		XA215	64							168	9			AD16L1	03	AD16L1	00	1	TAD	E1		30A	ADDER SM20 DUMMY-1	
02535		XA227	31		XA215	62				168	9			AD16L2	01	AD16PA	01	4	TD4	C2		15B		
02536		XA215	62							168	9			AD16L2	02	AD16L2	00	1	TAD	E2		29A	ADDER SM20 PROP.	
02537		XA220	78		XA220	57				168	9			AD16L3	01	AD03E8	01	4	TAD	F8		38A		
02538		XA220	57		XA217	59				168	9			AD16L3	02	AD15B2	01	3	TAD	E2		30B		
02539		XA217	59		XA217	51				168	9			AD16L3	03	AD11B3	01	1	TAD	E3		31B		
02540		XA217	51		XA215	60				168	9			AD16L3	04	AD07B3	01	3	TAD	D3		27B		
02541		XA215	60							168	9			AD16L3	05	AD16L3	00	1	TAD	E3		28A	ADDER SM20 GEN. -	
02542		XA227	33		XA225	65				168	9			AD16PA	01	AD16PA	00	1	TD4	C2		16B	BIT 16-19 PROPOGA	
02543		XA225	65		XA225	76				168	9			AD16PA	02	AD16P0	01	1	TQ2	F3		34B		
02544		XA225	76							168	9			AD16PA	03	AD16Q0	01	1	TQ2	F4		37A		
02545		XA225	69		XA220	72				168	9			AD16P0	01	AD16P0	00	1	TQ2	F3		35A	BIT 16-19 PROPOGA	
02546		XA220	72		XA219	80				168	9			AD16P0	02	AD03E8	01	1	TAD	F8		34A		
02547		XA219	80		XA217	70				168	9			AD16P0	03	AD07E8	01	5	TAD	F8		39A		
02548		XA217	70		XA215	65				168	9			AD16P0	04	AD11B1	01	1	TAD	E1		33A		
02549		XA215	65							168	9			AD16P0	05	AD11E9	01	2	TAD	F8		34B		
02550		XA225	80		XA221	79				168	9			AD16Q0	01	AD16Q0	00	1	TQ2	F4		39A	BIT 16-19 PROPOGA	
02551		XA221	79		XA220	61				168	9			AD16Q0	02	AD15E7	01	1	TAD	F7		39B		
02552		XA220	61							168	9			AD16Q0	03	AD15B3	01	2	TAD	E3		32B		
02555		XA216	04		XA229	31				168	9			AD17B4	01	AD17B4	00	1	ADD	A4		04A	ADDER SM30 SUM -	
02556		XA229	31		XA333	41				168	9			AD17B4	02	AD17CA	01	2	TQ2	C3		15B		
02557		XA333	41		XA249	21				168	9			AD17B4	03	DA1700	01	1	TLD	D3		22B		
02558		XA249	21		XA146	25				168	9			AD17B4	04	AC172A	01	1	TT3	B3		10B		
02559		XA146	25							168	9			AD17B4	05	AV172A	01	2	TQ2	B4		12B		
										****	SIGNAL		AD17B5		IS ON THE							****		

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP											
02560		XA227	34		XA223	24			16B	9								16A	
02561		XA223	24		XA217	13			16B	9								13A	
02562		XA217	13		XA216	05			16B	9								06B	
02563		XA216	05		XA215	61			16B	9								03B	ADDER SM30 PROP.
02564		XA215	61						16B	9								32B	
02565		XA332	41		XA215	57			16B	9								22B	
02566		XA215	57		XA217	09			16B	9								30B	
02567		XA217	09		XA216	01			16B	9								04B	
02568		XA216	01						16B	9								02B	ADDER SM30 GEN. -
02569		XA230	34		XA229	33			16B	9								16A	
02570		XA229	33						16B	9								16B	ADDER SUM 17 - A
02571		XA224	24		XA223	22			16B	9								13A	
02572		XA223	22						16B	9								12A	AD 17 EXCL. OR UN
02573		XA330	41		XA224	22			16B	9								22B	
02574		XA224	22						16B	9								12A	AD 17 EXCL. OR UN
02575		XA214	04		XA229	37			16B	9								04A	ADDER SM30 SUM -
02580		XA229	37		XA333	48			16B	9								18B	
02581		XA333	48		XA249	52			16B	9								22A	
02582		XA249	52		XA146	31			16B	9								24A	
02583		XA146	31						16B	9								15B	
02584		XA227	30		XA223	20			16B	9								15A	
02585		XA223	20		XA217	10			16B	9								11A	
02586		XA217	10		XA216	13			16B	9								07A	
02587		XA216	13		XA214	05			16B	9								06B	
02588		XA214	05		XA215	70			16B	9								03B	ADDER SM30 PROP.
02589		XA215	70						16B	9								33A	
02590		XA332	48		XA215	59			16B	9								22A	
02591		XA215	59		XA217	11			16B	9								31B	
02592		XA217	11		XA216	09			16B	9								05B	
02593		XA216	09		XA214	01			16B	9								04B	
02594		XA214	01						16B	9								02B	ADDER SM30 GEN. -
02595		XA230	40		XA229	39			16B	9								19A	
02596		XA229	39						16B	9								19B	ADDER SUM 18 - A
02597		XA224	18		XA223	14			16B	9								10A	
02598		XA223	14						16B	9								09A	AD 18 EXCL. OR UN
02599		XA330	48		XA224	14			16B	9								22A	
02600		XA224	14						16B	9								09A	AD 18 EXCL. OR UN
02601		XA215	50		XA228	42			16B	9								23A	ADDER SM20 SUM -
02602		XA228	42		XA333	56			16B	9								20A	
									****	SIGNAL	AD19B1	IS ON THE	NEXT PAGE	****					



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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN												IDENT
02603	XA333	56		XA249	62			168	9		AD19B1	03	DA19D0	01	1	TLD	D1	26A			
02604	XA249	62		XA146	50			168	9		AD19B1	04	AC192A	01	1	TT3	E2	29A			
02605	XA146	50						168	9		AD19B1	05	AY192A	01	1	TQ2	D2	23A			
02606	XA330	36		XA227	36			168	9		AD19B2	01	DA19T0	01	1	TLD	D1	26A			
02607	XA227	36		XA215	48			168	9		AD19B2	02	AD16PA	01	1	TD4	C2	17A			
02608	XA215	48						168	9		AD19B2	03	AD19B2	00	1	TAD	D2	22A	ADDER SM20 PROP.		
02609	XA215	46		XA217	15			168	9		AD19B3	01	AD19B3	03	1	TAD	D3	21A	ADDER SM20 CARRY		
02610	XA217	15		XA216	11			168	9		AD19B3	02	AD16B6	01	3	TAD	A6	07B			
02611	XA216	11		XA214	09			168	9		AD19B3	03	AD17B6	01	1	ADD	A6	05B			
02612	XA214	09						168	9		AD19B3	04	AD18B5	01	3	ADD	A5	04B			
02613	XA230	37		XA228	38			168	9		AD19CA	01	ADZ03A	01	8	TS8	C1	18B			
02614	XA228	38						168	9		AD19CA	02	AD19CA	00	1	TQ2	C1	18A	ADDER SUM 19 - A		
02615	XA214	69		XA215	52			168	9		AD19E7	01	AD19E7	00	1	ADD			UNUSED OUTPUT DUM		
02616	XA215	52						168	9		AD19E7	02	AD19R1	01	3	TAD	D1	24A			
02619	XA224	15		XA223	21			168	9		AD19GA	01	AD19G0	01	2	TQ2	B3	09B			
02620	XA223	21						168	9		AD19GA	02	AD19GA	00	1	TQ2	B3	10B	BIT 19 GENERATE		
02623	XA332	56		XA215	63			168	9		AD19G0	01	DA19D0	01	1	TLD	D1	26A			
02624	XA215	63		XA224	21			168	9		AD19G0	02	AD16L3	01	3	TAD	E3	33B			
02625	XA224	21						168	9		AD19G0	03	AD19G0	00	1	TQ2	B3	10B	BIT 19 GENERATE		
02630	XA217	20		XA228	36			168	9		AD20B4	01	AD20B4	00	1	TAD	B4	11A	ADDER SM30 SUM -		
02631	XA228	36		XA333	35			168	9		AD20B4	02	AD20CA	01	1	TQ2	C2	17A			
02632	XA333	35		XA245	31			168	9		AD20B4	03	DA20D0	01	1	TLD	C4	17B			
02633	XA245	31		XA146	70			168	9		AD20B4	04	AC202A	01	4	TD4	C2	19B			
02634	XA146	70						168	9		AD20B4	05	AY202A	01	1	TQ2	E1	33A			
02635	XA330	35		XA217	18			168	9		AD20B5	01	DA20T0	01	1	TLD	C4	17B			
02636	XA217	18						168	9		AD20B5	02	AD20B5	00	1	TAD	B5	10A	ADDER SM30 PROP.		
02637	XA332	35		XA217	14			168	9		AD20B6	01	DA20G0	01	1	TLD	C4	17B			
02638	XA217	14						168	9		AD20B6	02	AD20B6	00	1	TAD	B6	09A	ADDER SM30 GEN.		
02639	XA230	31		XA228	30			168	9		AD20CA	01	ADZ03A	01	7	TS8	C1	15B			
02640	XA228	30						168	9		AD20CA	02	AD20CA	00	1	TQ2	C2	15A	ADDER SUM 20 - A		
02641	XA209	73		XA214	50			168	9		AD20L1	01				RR1	H2				
02642	XA214	50						168	9		AD20L1	02	AD20L1	00	1	ADD	D1	23A	ADDER SM20 DUMMY-2		
02643	XA227	49		XA214	48			168	9		AD20L2	01	AD20PA	01	4	TD4	D1	26B			
02644	XA214	48						168	9		AD20L2	02	AD20L2	00	1	ADD	D2	22A	ADDER SM20 PROP.		
02645	XA220	59		XA220	74			168	9		AD20L3	01	AD15B3	01	1	TAD	E3	31B			
02646	XA220	74		XA219	78			168	9		AD20L3	02	AD03E8	01	3	TAD	F8	35B			
02647	XA219	78		XA217	63			168	9		AD20L3	03	AD07E8	01	4	TAD	F8	38A			
											****	SIGNAL	AD20L3		IS ON THE	NEXT PAGE	****				

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AD20L3

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RECORD NUMBER	FROM			WIRE	TO			WIRE	SIGNAL	SEC NO	LOCATION	TERM	FACTOR	C/T OF CHIP TYPE	SIBP	LOAD OR POWER PLANS	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN												
02648		XA217	63		XA215	45		168	9		AD20L3	04	AD1183	01	3	TAD	E3	33B	
02649		XA215	45		XA214	46		168	9		AD20L3	05	AD1982	01	3	TAD	D2	24B	
02650		XA214	46					168	9		AD20L3	06	AD20L3	00	1	ADD	D3	21A	ADDER SM20 GEN.
02651		XA227	47		XA224	25		168	9		AD20PA	01	AD20PA	00	1	TQ4	D1	25B	BIT 20-23 PROPOGA
02652		XA224	25					168	9		AD20PA	02	AD20P0	01	2	TQ2	B4	12B	
02653		XA224	27		XA220	75		168	9		AD20P0	01	AD20P0	00	1	TQ2	B4	13B	BIT 20-23 PROPOGA
02654		XA220	75		XA221	65		168	9		AD20P0	02	AD03E7	01	3	TAD	F7	37B	
02655		XA221	65		XA220	70		168	9		AD20P0	03	AD15E8	01	2	TAD	F8	34B	
02656		XA220	70		XA219	72		168	9		AD20P0	04	AD15B1	01	1	TAD	E1	33A	
02657		XA219	72		XA215	80		168	9		AD20P0	05	AD07E8	01	1	TAD	F8	34A	
02658		XA215	80		XA215	49		168	9		AD20P0	06	AD11E8	01	5	TAD	F8	39A	
02659		XA215	49					168	9		AD20P0	07	AD1983	01	2	TAD	D3	26B	
02664		XA216	20		XA228	31		168	9		AD21B4	01	AD21B4	00	1	ADD	B4	11A	ADDER SM30 SUM -
02665		XA228	31		XA333	31		168	9		AD21B4	02	AD21CA	01	2	TQ2	C3	15B	
02666		XA333	31		XA248	22		168	9		AD21B4	03	DA2100	01	2	TLD	C3	15B	
02667		XA248	22		XA146	61		168	9		AD21B4	04	AC212A	01	3	TT3	B1	12A	
02668		XA146	61					168	9		AD21B4	05	AY212A	01	2	TQ2	E4	32B	
02669		XA227	54		XA223	54		168	9		AD21B5	01	AD20PA	01	2	TQ4	D1	25A	
02670		XA223	54		XA216	18		168	9		AD21B5	02	AD21TA	01	2	TQ2	D1	25A	
02671		XA216	18		XA217	25		168	9		AD21B5	03	AD21B5	00	1	ADD	B5	10A	ADDER SM30 PROP.
02672		XA217	25		XA214	49		168	9		AD21B5	04	AD20B6	01	2	TAD	B6	12B	
02673		XA214	49					168	9		AD21B5	05	AD20L3	01	2	ADD	D3	26B	
02674		XA332	31		XA214	45		168	9		AD21B6	01	DA21G0	01	2	TLD	C3	15B	
02675		XA214	45		XA217	21		168	9		AD21B6	02	AD20L2	01	3	ADD	D2	24B	
02676		XA217	21		XA216	14		168	9		AD21B6	03	AD20B5	01	3	TAD	B5	10B	
02677		XA216	14					168	9		AD21B6	04	AD21B6	00	1	ADD	B6	09A	ADDER SM30 GEN. -
02678		XA230	36		XA228	33		168	9		AD21CA	01	AD203A	01	4	YS8	C1	17A	
02679		XA228	33					168	9		AD21CA	02	AD21CA	00	1	TQ2	C3	16B	ADDER SUM 21 - A
02680		XA224	54		XA223	52		168	9		AD21TA	01	AD21T0	01	2	TQ2	D1	25A	
02681		XA223	52					168	9		AD21TA	02	AD21TA	00	1	TQ2	D1	24A	AD 21 EXCL. OR UN
02682		XA330	31		XA224	52		168	9		AD21T0	01	DA21T0	01	2	TLD	C3	15B	
02683		XA224	52					168	9		AD21T0	02	AD21T0	00	1	TQ2	D1	24A	AD 21 EXCL. OR UN
02688		XA215	20		XA228	37		168	9		AD22B4	01	AD22B4	00	1	TAD	B4	11A	ADDER SM30 SUM -
02689		XA228	37		XA333	34		168	9		AD22B4	02	AD22CA	01	2	TQ2	C4	18B	
02690		XA333	34		XA248	30		168	9		AD22B4	03	DA2200	01	2	TLD	C2	16A	
02691		XA248	30		XA146	74		168	9		AD22B4	04	AC222A	01	2	TT3	C2	15A	
02692		XA146	74					168	9		AD22B4	05	AY222A	01	2	TQ2	F3	35B	
02693		XA214	56		XA227	52		168	9		AD22B5	01	AD20L1	01	1	ADD	D1	26A	
02694		XA227	52		XA223	50		168	9		AD22B5	02	AD20PA	01	3	TQ4	D1	24A	
02695		XA223	50		XA217	26		168	9		AD22B5	03	AD22TA	01	1	TQ2	D2	23A	
								****	SIGNAL	(AD22B5)		S ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	C I	PREFIX	CONNECTOR	PIN	C I	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
02696		XA217	26		XA216	25				168	9			AD22B5	04	AD20B4	01	1	TAD	B4		14A			
02697		XA216	25		XA215	18				168	9			AD22B5	05	AD21B6	01	2	ADD	B6		12B			
02698		XA215	18							168	9			AD22B5	06	AD22B5	00	1	TAD	B5		10A		ADDER SM30 PROP.	
02699		XA332	34		XA214	47				168	9			AD22B6	01	DA22G0	01	2	TLO	C2		16A			
02700		XA214	47		XA217	23				168	9			AD22B6	02	AD20L3	01	1	ADD	D3		25B			
02701		XA217	23		XA216	21				168	9			AD22B6	03	AD20B6	01	1	TAD	B6		11B			
02702		XA216	21		XA215	14				168	9			AD22B6	04	AD21B5	01	3	ADD	B5		10B			
02703		XA215	14							168	9			AD22B6	05	AD22B6	00	1	TAD	B6		09A		ADDER SM30 GEN.	
02704		XA230	42		XA228	39				168	9			AD22CA	01	AD203A	01	1	TS8	C1		20A			
02705		XA228	39							168	9			AD22CA	02	AD22CA	00	1	TQ2	C4		19B		ADDER SUM 22 - A	
02706		XA224	48		XA223	46				168	9			AD22TA	01	AD22T0	01	2	TQ2	D2		22A			
02707		XA223	46							168	9			AD22TA	02	AD22TA	00	1	TQ2	D2		21A		AD 22 EXCL. OR UN	
02708		XA330	34		XA224	46				168	9			AD22T0	01	DA22T0	01	2	TLD	C2		16A			
02709		XA224	46							168	9			AD22T0	02	AD22T0	00	1	TQ2	D2		21A		AD 22 EXCL. OR UN	
02710		XA214	64		XA229	56				168	9			AD23B1	01	AD23B1	00	1	ADD	E1		30A		ADDER SM20 SUM -	
02711		XA229	56		XA333	40				168	9			AD23B1	02	AD23CA	01	1	TQ2	D1		26A			
02712		XA333	40		XA248	49				168	9			AD23B1	03	DA23D0	01	2	TLO	C1		19A			
02713		XA248	49		XA145	04				168	9			AD23B1	04	AC232A	01	3	TT3	D3		26B			
02714		XA145	04							168	9			AD23B1	05	AY232A	01	1	TQ2	A2		04A			
02715		XA330	40		XA227	56				168	9			AD23B2	01	DA23T0	01	2	TLD	C1		19A			
02716		XA227	56		XA214	62				168	9			AD23B2	02	AD20PA	01	1	TD4	D1		26A			
02717		XA214	62							168	9			AD23B2	03	AD23B2	00	1	ADD	E2		29A		ADDER SM20 PROP.	
02718		XA215	21		XA216	23				168	9			AD23B3	01	AD22B5	01	3	TAD	B5		10B			
02719		XA216	23		XA217	27				168	9			AD23B3	02	AD21B6	01	1	ADD	B6		11B			
02720		XA217	27		XA214	60				168	9			AD23B3	03	AD20B6	01	3	TAD	B6		13B			
02721		XA214	60							168	9			AD23B3	04	AD23B3	00	1	ADD	E3		28A		ADDER SM20 CARRY	
02722		XA230	52		XA229	52				168	9			AD23CA	01	AD204A	01	3	TS8	D1		24A			
02723		XA229	52							168	9			AD23CA	02	AD23CA	00	1	TQ2	D1		24A		ADDER SUM 23 - A	
02724		XA216	69		XA214	66				168	9			AD23E7	01	AD23E7	00	1	ADD						UNUSED OUTPUT DUM
02725		XA214	66							168	9			AD23E7	02	AD23B1	01	3	ADD	E1					
02726		XA216	76		XA214	68				168	9			AD23E8	01	AD23E8	00	1	ADD						UNUSED OUTPUT DUM
02727		XA214	68							168	9			AD23E8	02	AD23B1	01	2	ADD	E1					
02728		XA224	43		XA223	45				168	9			AD23GA	01	AD23G0	01	2	TQ2	D3		23B			
02729		XA223	45							168	9			AD23GA	02	AD23GA	00	1	TQ2	D3		24B		BIT 23 GENERATE -	
02730		XA332	40		XA224	45				168	9			AD23G0	01	DA23G0	01	2	TLD	C1		19A			
02731		XA224	45		XA214	51				168	9			AD23G0	02	AD23G0	00	1	TQ2	D3		24B		BIT 23 GENERATE -	
02732		XA214	51							168	9			AD23G0	03	AD20L3	01	3	ADD	D3		27B			
												****	SIGNAL	(AD24B4)	IS ON THE NEXT PAGE				****						

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	DENT													
02733		XA216	36		XA229	50				168	9		AD24B4	01	AD24B4	00	1	ADD	C4		17A	ADDER SM30 SUM -			
02734		XA229	50		XA333	25				168	9		AD24B4	02	AD24CA	01	1	TQ2	D2		23A				
02735		XA333	25		XA248	75				168	9		AD24B4	03	DA24DD	01	2	TLD	B4		12B				
02736		XA248	75		XA145	26				168	9		AD24B4	04	AC242A	01	3	TT3	F1		37B				
02737		XA145	26							168	9		AD24B4	05	AY242A	01	1	TQ2	B1		14A				
02738		XA330	25		XA216	34				168	9		AD24B5	01	DA24TD	01	2	TLD	B4		12B				
02739		XA216	34							168	9		AD24B5	02	AD24B5	00	1	ADD	C5		16A	ADDER SM30 PROP.			
02740		XA332	25		XA216	30				168	9		AD24B6	01	DA24GD	01	2	TLD	B4		12B				
02741		XA216	30							168	9		AD24B6	02	AD24B6	00	1	ADD	C6		15A	ADDER SM30 GEN.			
02742		XA230	46		XA229	46				168	9		AD24CA	01	AD24A	01	6	TSB	D1		21A				
02743		XA229	46							168	9		AD24CA	02	AD24CA	00	1	TQ2	D2		21A	ADDER SUM 24 - A			
02744		XA209	66		XA216	50				168	9		AD24L1	01				RR1	G4						
02745		XA216	50							168	9		AD24L1	02	AD24L1	00	1	ADD	D1		23A	ADDER SM20 DUMMY-2			
02746		XA227	43		XA216	48				168	9		AD24L2	01	AD24PA	01	4	TD4	D2		23B				
02747		XA216	48							168	9		AD24L2	02	AD24L2	00	1	ADD	D2		22A	ADDER SM 20 PROP.			
02748		XA220	77		XA219	74				168	9		AD24L3	01	AD03E7	01	2	TAD	F7		38B				
02749		XA219	74		XA220	63				168	9		AD24L3	02	AD07E8	01	3	TAD	F8		35B				
02750		XA220	63		XA215	78				168	9		AD24L3	03	AD15B3	01	3	TAD	E3		33B				
02751		XA215	78		XA214	57				168	9		AD24L3	04	AD11E8	01	4	TAD	F8		38A				
02752		XA214	57		XA215	47				168	9		AD24L3	05	AD23B2	01	3	ADD	E2		30B				
02753		XA215	47		XA216	46				168	9		AD24L3	06	AD19B3	01	1	TAD	D3		25B				
02754		XA216	46							168	9		AD24L3	07	AD24L3	00	1	ADD	D3		21A	ADDER SM20 GEN.			
02755		XA227	45		XA223	25				168	9		AD24PA	01	AD24PA	00	1	TD4	D2		24B	BIT 24-27 PROPOGA			
02756		XA223	25							168	9		AD24PA	02	AD24PO	01	2	TQ2	B4		12B				
02757		XA215	56		XA223	27				168	9		AD24PO	01	AD19B1	01	1	TAD	D1		26A				
02758		XA223	27		XA221	80				168	9		AD24PO	02	AD24PO	00	1	TQ2	B4		13B	BIT 24-27 PROPOGA			
02759		XA221	80		XA220	73				168	9		AD24PO	03	AD15E8	01	5	TAD	F8		39A				
02760		XA220	73		XA219	75				168	9		AD24PO	04	AD03E7	01	4	TAD	F7		36B				
02761		XA219	75		XA215	72				168	9		AD24PO	05	AD07E7	01	3	TAD	F7		37B				
02762		XA215	72		XA214	61				168	9		AD24PO	06	AD11E8	01	1	TAD	F8		34A				
02763		XA214	61							168	9		AD24PO	07	AD23B3	01	2	ADD	E3		32B				
02766		XA215	36		XA229	43				168	9		AD25B4	01	AD25B4	00	1	TAD	C4		17A	ADDER SM30 SUM -			
02767		XA229	43		XA333	17				168	9		AD25B4	02	AD25CA	01	2	TQ2	D3		23B				
02768		XA333	17		XA247	09				168	9		AD25B4	03	DA25DD	01	1	TLD	B3		08B				
02769		XA247	09		XA145	25				168	9		AD25B4	04	AC252A	01	1	TT3	A3		04B				
02770		XA145	25							168	9		AD25B4	05	AY252A	01	2	TQ2	B4		12B				
02771		XA227	46		XA223	47				168	9		AD25B5	01	AD24PA	01	3	TD4	D2		21A				
02772		XA223	47		XA216	49				168	9		AD25B5	02	AD25TA	01	1	TQ2	D4		25B				
02773		XA216	49		XA216	37				168	9		AD25B5	03	AD24L3	01	2	ADD	D3		26B				
02774		XA216	37		XA215	34				168	9		AD25B5	04	AD24B6	01	2	ADD	C6		18B				
													****	SIGNAL	AD25B5	IS ON THE NEXT PAGE				****					

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	PREFIX	CONNECTOR	PIN	WIRE #	PREFIX	CONNECTOR	PIN	WIRE #	MULTI GROUP	CODE	COLOR	IDENT												SPEC INET MISC
02775		XA215	34						16B	9			AD25B5	05	AD25B5	00	1	TAD	C5		16A	ADDER SM30 PROP.		
02776		XA332	17		XA216	45			16B	9			AD25B6	01	DA25GD	01	1	TLD	B3		08B			
02777		XA216	45		XA216	33			16B	9			AD25B6	02	AD24L2	01	3	ADD	D2		24B			
02778		XA216	33		XA215	30			16B	9			AD25B6	03	AD24B5	01	3	ADD	C5		18B			
02779		XA215	30						16B	9			AD25B6	04	AD25B6	00	1	TAD	C6		15A	ADDER SM30 GEN. -		
02780		XA230	48		XA229	45			16B	9			AD25CA	01	AD2D4A	01	5	TS8	D1		22A			
02781		XA229	45						16B	9			AD25CA	02	AD25CA	00	1	TQ2	D3		24B	ADDER SUM 25 - A		
02782		XA224	49		XA223	51			16B	9			AD25TA	01	AD25T0	01	2	TQ2	D4		26B			
02783		XA223	51						16B	9			AD25TA	02	AD25TA	00	1	TQ2	D4		27B	AD 25 EXCL. OR UN		
02784		XA330	17		XA224	51			16B	9			AD25T0	01	DA25T0	01	1	TLD	B3		08B			
02785		XA224	51						16B	9			AD25T0	02	AD25T0	00	1	TQ2	D4		27B	AD 25 EXCL. OR UN		
02786		XA214	36		XA229	49			16B	9			AD26B4	01	AD26B4	00	1	ADD	C4		17A	ADDER SM30 SUM -		
02787		XA229	49		XA333	18			16B	9			AD26B4	02	AD26CA	01	2	TQ2	D4		26B			
02788		XA333	18		XA247	38			16B	9			AD26B4	03	DA26DD	01	2	TLD	B2		10A			
02789		XA247	38		XA145	31			16B	9			AD26B4	04	AC262A	01	3	TT3	C1		18A			
02790		XA145	31						16B	9			AD26B4	05	AY262A	01	2	TQ2	C3		15B			
02791		XA216	56		XA227	48			16B	9			AD26B5	01	AD24L1	01	1	ADD	D1		26A			
02792		XA227	48		XA223	62			16B	9			AD26B5	02	AD24PA	01	2	TQ4	D2		22A			
02793		XA223	62		XA216	42			16B	9			AD26B5	03	AD26TA	01	2	TQ2	E2		29A			
02794		XA216	42		XA215	37			16B	9			AD26B5	04	AD24B4	01	1	ADD	C4		20A			
02795		XA215	37		XA214	34			16B	9			AD26B5	05	AD25B6	01	2	TAD	C6		18B			
02796		XA214	34						16B	9			AD26B5	06	AD26B5	00	1	ADD	C5		16A	ADDER SM30 PROP.		
02797		XA332	18		XA216	47			16B	9			AD26B6	01	DA26GD	01	2	TLD	B2		10A			
02798		XA216	47		XA216	35			16B	9			AD26B6	02	AD24L3	01	1	ADD	D3		25B			
02799		XA216	35		XA215	33			16B	9			AD26B6	03	AD24B6	01	1	ADD	C6		17B			
02800		XA215	33		XA214	30			16B	9			AD26B6	04	AD25B5	01	3	TAD	C5		16B			
02801		XA214	30						16B	9			AD26B6	05	AD26B6	00	1	ADD	C6		15A	ADDER SM30 GEN. -		
02802		XA230	54		XA229	51			16B	9			AD26CA	01	AD2D4A	01	2	TS8	D1		25A			
02803		XA229	51						16B	9			AD26CA	02	AD26CA	00	1	TQ2	D4		27B	ADDER SUM 26 - A		
02804		XA224	53		XA223	60			16B	9			AD26TA	01	AD26T0	01	1	TQ2	E3		28B			
02805		XA223	60						16B	9			AD26TA	02	AD26TA	00	1	TQ2	E2		28A	AD 26 EXCL. OR UN		
02806		XA330	18		XA224	57			16B	9			AD26T0	01	DA26TD	01	2	TLD	B2		10A			
02807		XA224	57						16B	9			AD26T0	02	AD26T0	00	1	TQ2	E3		30B	AD 26 EXCL. OR UN		
02808		XA219	64		XA228	56			16B	9			AD27B1	01	AD27B1	00	1	TAD	E1		30A	ADDER SM20 SUM -		
02809		XA228	56		XA333	26			16B	9			AD27B1	02	AD27CA	01	1	TQ2	D1		26A			
02810		XA333	26		XA247	48			16B	9			AD27B1	03	DA27DD	01	1	TLD	B1		14A			
02811		XA247	48		XA145	50			16B	9			AD27B1	04	AC272A	01	1	TT3	D2		22A			
02812		XA145	50						16B	9			AD27B1	05	AY272A	01	1	TQ2	D2		23A			
												****	SIGNAL	(AD27B2)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SIZE	GROUP											
02813		XA330	26		XA227	50			16B	9		AD27B2	01	DA27T0	01	1	TLD	B1	14A	
02814		XA227	50		XA219	62			16B	9		A027B2	02	AD24PA	01	1	T04	D2	23A	
02815		XA219	62						16B	9		AD27B2	03	AD27B2	00	1	TAD	E2	29A	ADDER SM20 PROP.
02816		XA219	60		XA216	39			16B	9		AD27B3	01	AD27B3	00	1	TAD	E3	28A	ADDER SM20 CARRY
02817		XA216	39		XA215	35			16B	9		A027B3	02	AD24B6	01	3	ADD	C6	19B	
02818		XA215	35		XA214	33			16B	9		AD27B3	03	AD25B6	01	1	TAD	C6	17B	
02819		XA214	33						16B	9		AD27B3	04	AD26B5	01	3	ADD	C5	16B	
02820		XA230	49		XA228	52			16B	9		AD27CA	01	AD2D4A	01	8	TS8	D1	26B	
02821		XA228	52						16B	9		AD27CA	02	AD27CA	00	1	TQ2	D1	24A	ADDER SUM 27 - A
02822		XA219	66		XA218	69			16B	9		AD27E7	01	AD27B1	01	3	TAD	E1	31A	
02823		XA218	69						16B	9		AD27E7	02	AD27E7	00	1	TAD	F7	35A	UNUSED OUTPUT DUM
02824		XA219	68		XA218	76			16B	9		AD27E8	01	AD27B1	01	2	TAD	E1	32A	
02825		XA218	76						16B	9		AD27E8	02	AD27E8	00	1	TAD	F8	37A	UNUSED OUTPUT DUM
02826		XA224	59		XA223	57			16B	9		AD27GA	01	AD27G0	01	1	TQ2	E4	31B	
02827		XA223	57						16B	9		AD27GA	02	AD27GA	00	1	TQ2	E3	30B	BIT 27 GENERATE-A
02828		XA332	26		XA224	63			16B	9		AD27G0	01	DA27G0	01	1	TLD	B1	14A	
02829		XA224	63		XA216	51			16B	9		AD27G0	02	AD27G0	00	1	TQ2	E4	33B	BIT 27 GENERATE-D
02830		XA216	51						16B	9		AD27G0	03	AD24L3	01	3	ADD	D3	27B	
02831		XA218	64		XA228	50			16B	9		AD28B1	01	AD28B1	00	1	TAD	E1	30A	ADDER SM20 SUM -
02832		XA228	50		XA333	11			16B	9		AD28B1	02	AD28CA	01	1	TQ2	O2	23A	
02833		XA333	11		XA247	59			16B	9		AD28B1	03	DA28D0	01	1	TLD	A4	05B	
02834		XA247	59		XA145	70			16B	9		AD28B1	04	AC282A	01	2	TT3	E3	31B	
02835		XA145	70						16B	9		AD28B1	05	AY282A	01	1	TQ2	E1	33A	
02836		XA330	11		XA218	62			16B	9		AD28B2	01	DA28T0	01	1	TLD	A4	05B	
02837		XA218	62						16B	9		AD28B2	02	AD28B2	00	1	TAD	E2	29A	ADDER SM20 PROP.
02838		XA221	78		XA220	71			16B	9		AD28B3	01	AD15E8	01	4	TAD	F8	38A	
02839		XA220	71		XA219	77			16B	9		AD28B3	02	AD03E7	01	5	TAD	F7	36A	
02840		XA219	77		XA219	57			16B	9		AD28B3	03	AD07E7	01	2	TAD	F7	38B	
02841		XA219	57		XA218	60			16B	9		AD28B3	04	AD27B2	01	3	TAD	E2	30B	
02842		XA218	60		XA215	51			16B	9		AD28B3	05	AD28B3	00	1	TAD	E3	28A	ADDER SM20 CARRY
02843		XA215	51		XA214	59			16B	9		AD28B3	06	AD19B3	01	3	TAD	O3	27B	
02844		XA214	59		XA215	74			16B	9		AD28B3	07	AD23B3	01	1	ADD	E3	31B	
02845		XA215	74						16B	9		AD28B3	08	AD11E8	01	3	TAD	F8	35B	
02846		XA230	43		XA228	46			16B	9		AD28CA	01	AD2D4A	01	7	TS8	D1	23B	
02847		XA228	46						16B	9		AD28CA	02	AD28CA	00	1	TQ2	D2	21A	ADDER SUM 28 - A
02848		XA224	77		XA223	63			16B	9		AD28GA	01	AD28G0	01	2	TQ2	F1	38B	
02849		XA223	63						16B	9		AD28GA	02	AD28GA	00	1	TQ2	E4	33B	BIT 28 GENERATE-A
02850		XA332	11		XA224	75			16B	9		AD28G0	01	DA28GD	01	1	TLD	A4	05B	
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
02851		XA224	75							168	9		AD28G0	02	AD28G0	00	1	TQ2	F1		376	BIT 28 GENERATE-	
02852		XA215	04		XA228	43				168	9		AD29B4	01	AD29B4	00	1	TAD	A4		04A	ADDER SM30 SUM -	
02853		XA228	43		XA333	03				168	9		AD29B4	02	AD29CA	01	2	TQ2	O3		29B		
02854		XA333	03		XA246	03				168	9		AD29B4	03	DA29D0	01	1	TLD	A3		02A		
02855		XA246	03		XA145	61				168	9		AD29B4	04	AC292A	01	3	TT3	A2		02A		
02856		XA145	61							168	9		AD29B4	05	AY292A	01	2	TQ2	E4		32B		
02857		XA330	03		XA218	61				168	9		AD29B5	01	DA29T0	01	1	TLD	A3		02A		
02858		XA218	61		XA215	05				168	9		AD29B5	02	AD28B3	01	2	TAD	E3		32B		
02859		XA215	05							168	9		AD29B5	03	AD29B5	00	1	TAD	A5		03B	ADDER SM30 PROP.	
02860		XA332	03		XA218	57				168	9		AD29B6	01	DA29G0	01	1	TLD	A3		02A		
02861		XA218	57		XA215	01				168	9		AD29B6	02	AD28B2	01	3	TAD	E2		30B		
02862		XA215	01							168	9		AD29B6	03	AD29B6	00	1	TAD	A6		02B	ADDER SM30 GEN.	
02863		XA230	50		XA228	45				168	9		AD29CA	01	AD2D4A	01	4	TS8	D1		23A		
02864		XA228	45							168	9		AD29CA	02	AD29CA	00	1	TQ2	D3		24B	ADDER SUM 29 - A	
02865		XA214	20		XA228	49				168	9		AD30B4	01	AD30B4	00	1	ADD	B4		11A	ADDER SM30 SUM -	
02866		XA228	49		XA333	05				168	9		AD30B4	02	AD30CA	01	2	TQ2	D4		26B		
02867		XA333	05		XA246	25				168	9		AD30B4	03	DA30D0	01	2	TLD	A2		03B		
02868		XA246	25		XA145	74				168	9		AD30B4	04	AC302A	01	3	TT3	B3		12B		
02869		XA145	74							168	9		AD30B4	05	AY302A	01	2	TQ2	F3		35B		
02870		XA330	05		XA218	70				168	9		AD30B5	01	DA30T0	01	2	TLD	A2		03B		
02871		XA218	70		XA214	18				168	9		AD30B5	02	AD28B1	01	1	TAD	E1		33A		
02872		XA214	18		XA215	13				168	9		AD30B5	03	AD30B5	00	1	ADD	B5		10A	ADDER SM30 PROP.	
02873		XA215	13							168	9		AD30B5	04	AD29B6	01	2	TAD	A6		06B		
02874		XA332	05		XA218	59				168	9		AD30B6	01	DA30G0	01	2	TLD	A2		03B		
02875		XA218	59		XA214	14				168	9		AD30B6	02	AD28B3	01	1	TAD	E3		31B		
02876		XA214	14		XA215	09				168	9		AD30B6	03	AD30B6	00	1	ADD	B6		09A	ADDER SM30 GEN.	
02877		XA215	09							168	9		AD30B6	04	AD29B5	01	3	TAD	A5		04B		
02878		XA230	56		XA228	51				168	9		AD30CA	01	AD2D4A	01	1	TS8	D1		26A		
02879		XA228	51							168	9		AD30CA	02	AD30CA	00	1	TQ2	D4		27B	ADDER SUM 30 - A	
02880		XA216	64		XA228	70				168	9		AD31B1	01	AD31B1	00	1	ADD	E1		30A	ADDER SM20 SUM -	
02881		XA228	70		XA333	08				168	9		AD31B1	02	AD31CA	01	1	TQ2	E1		33A		
02882		XA333	08		XA246	52				168	9		AD31B1	03	DA31D0	01	2	TLD	A1		06A		
02883		XA246	52		XA140	64				168	9		AD31B1	04	AC312A	01	3	TT3	D1		24A		
02884		XA140	64							168	9		AD31B1	05	AY312A	01	1	TQ2	E2		30A		
02885		XA330	08		XA216	62				168	9		AD31B2	01	DA31T0	01	2	TLD	A1		06A		
02886		XA216	62							168	9		AD31B2	02	AD31B2	00	1	ADD	E2		29A	ADDER SM20 PROP.	
02887		XA218	63		XA216	60				168	9		AD31B3	01	AD28B3	01	3	TAD	E3		33B		
02888		XA216	60		XA214	21				168	9		AD31B3	02	AD31B3	00	1	ADD	E3		28A	ADDER SM20 CARRY	
02889		XA214	21		XA215	11				168	9		AD31B3	03	AD30B5	01	3	ADD	B5		10B		
										****		SIGNAL	AD31B3		S ON THE						****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
02890		XA215	11							16B	9		AD31B3	04	AD29B6	01	1	TAD	A6		05B		
02891		XA230	74		XA228	66				16B	9		AD31CA	01	AD2RCA	01	7	TS8	F1		35B		
02892		XA228	66							16B	9		AD31CA	02	AD31CA	00	1	TQ2	E1		31A	ADDER SUM 31 - A	
02893		XA217	69		XA216	66				16B	9		AD31E7	01	AD31E7	00	1	TAD	F7		35A	UNUSED OUTPUT DUM	
02894		XA216	66							16B	9		AD31E7	02	AD31B1	01	3	ADD	E1				
02895		XA217	76		XA216	68				16B	9		AD31E8	01	AD31E8	00	1	TAD	F8		37A	UNUSED OUTPUT DUM	
02896		XA216	68							16B	9		AD31E8	02	AD31B1	01	2	ADD	E1				
02897		XA224	73		XA223	75				16B	9		AD31GA	01	AD31G0	01	1	TQ2	F2		36B		
02898		XA223	75							16B	9		AD31GA	02	AD31GA	00	1	TQ2	F1		37B	BIT 31 GENERATE-A	
02899		XA332	08		XA224	72				16B	9		AD31G0	01	DA31G0	01	2	TLD	A1		06A		
02900		XA224	72							16B	9		AD31G0	02	AD31G0	00	1	TQ2	F2		34A	BIT 31 GENERATE-0	
02903		XA217	77		XA116	69				16B	9		AKCBBP	01	AD31E7	01	2	TAD	F7		38B		
02904		XA116	69							16B	9		AKCBBP	02	AKCBBP	00	1	TDD	MP		35A	AKCB - CLEAR	
02906		XA202	13		XA213	64				16B	9		AKCBBQ	01				EXT					
02907		XA213	64		XA116	74				16B	9		AKCBBQ	02	AKCB2A	01	1	TQ2	E2		30A		
02907		XA116	74							16B	9		AKCBBQ	03	AKCBBQ	00	1	TDD	MQ		35B	AKCB - PRESET	
02908		XA212	55		XA113	37				16B	9		AKCB1A	01	AKCB1A	00	1	T13	E2		29B	ADDER CARRY OUT T	
02909		XA113	37							16B	9		AKCB1A	02	AKCB90	01	2	TQ2	C4		18B		
02910		XA213	60		XA113	35				16B	9		AKCB2A	01	AKCB2A	00	1	TQ2	E2		28A	RECIRCULATE AKCB	
02911		XA113	35							16B	9		AKCB2A	02	AKCB90	01	1	TQ2	C4		17B		
02912		XA116	71		XA113	39				16B	9		AKCB90	01	AKCBB1	01	1	TDD	M1		36A		
02913		XA113	39							16B	9		AKCB90	02	AKCB90	00	1	TQ2	C4		19B	AKCB DATA GATE	
02914		XA116	70		XA213	06				16B	9		AKCPCA	01	AKYNNH	01	1	TDD	JN		33A		
02915		XA213	06		XA112	79				16B	9		AKCPCA	02	AKCPCA	00	1	TQ2	A1		05A	AKYN CLOCK INPUT	
02916		XA112	79		XA112	70				16B	9		AKCPCA	03	AKYNGN	01	1	TDD	LN		39B		
02917		XA112	70		XA112	56				16B	9		AKCPCA	04	AKYNFN	01	1	TDD	JN		33A		
02918		XA112	56		XA112	42				16B	9		AKCPCA	05	AKYNEN	01	1	TDD	GN		26A		
02919		XA112	42		XA112	26				16B	9		AKCPCA	06	AKYNDN	01	1	TDD	EN		20A		
02920		XA112	26		XA112	10				16B	9		AKCPCA	07	AKYNCN	01	1	TDD	CN		14A		
02921		XA112	10							16B	9		AKCPCA	08	AKYNNB	01	1	TDD	AN		07A		
02922		XA116	60		XA213	01				16B	9		AKCPDA	01	AKYCHN	01	1	TDD	KN		28A		
02923		XA213	01		XA112	72				16B	9		AKCPDA	02	AKCPDA	00	1	TQ2	A2		02B	GATED CONTROL CLO	
02924		XA112	72		XA112	60				16B	9		AKCPDA	03	AKYCGN	01	1	TDD	MN		34A		
02925		XA112	60		XA112	46				16B	9		AKCPDA	04	AKYCFN	01	1	TDD	KN		28A		
02926		XA112	46		XA112	30				16B	9		AKCPDA	05	AKYCFN	01	1	TDD	HN		21A		
02927		XA112	30		XA112	14				16B	9		AKCPDA	06	AKYCON	01	1	TDD	FN		15A		
02928		XA112	14		XA112	01				16B	9		AKCPDA	07	AKYCCN	01	1	TDD	DN		09A		
02929		XA112	01							16B	9		AKCPDA	08	AKYCBN	01	1	TDD	BN		02B		



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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT													
02930		XA211	79		XA211	72				16B	9			AKCPEA	01	AKDT8N	01	1	TDD	LN		39B			
02931		XA211	72		XA211	60				16B	9			AKCPEA	02	AKDVBN	01	1	TDD	MN		34A			
02932		XA211	60		XA213	09				16B	9			AKCPEA	03	AKDMBN	01	1	TDD	KN		28A			
02933		XA213	09		XA116	79				16B	9			AKCPEA	04	AKCPEA	00	1	TQ2	A3		04B	GATED CONTROL CLO		
02934		XA116	79		XA116	72				16B	9			AKCPEA	05	AL32BN	01	1	TDD	LN		39B			
02935		XA116	72							16B	9			AKCPEA	06	AKCBBN	01	1	TDD	MN		34A			
02936		XA213	07		XA212	39				16B	9			AKCP1A	01	AKCPEA	01	2	TQ2	A3		03A			
02937		XA212	39							16B	9			AKCP1A	02	AKCP1A	00	1	TT3	C3		19B	CONTROL CLOCK DIS		
21419		XA202	11		XA212	42				16B	9			AKDMBP	01				EXT						
02941		XA212	42		XA211	57				16B	9			AKDMBP	02	AKDM40	01	1	TT3	C1		20A			
02942		XA211	57							16B	9			AKDMBP	03	AKDMBP	00	1	TDD	KP		30B	AKDM - CLEAR		
21420		XA202	09		XA211	55				16B	9			AKDMBQ	01				EXT						
02944		XA211	55		XA213	53				16B	9			AKDMBQ	02	AKDMBQ	00	1	TDD	KQ		29B	AKDM - PRESET		
02945		XA213	53		XA111	36				16B	9			AKDMBQ	03	AKDM3A	01	1	TQ2	E3		28B			
02946		XA111	36							16B	9			AKDMBQ	04	AKDM2A	01	1	TD4	C2		17A			
02949		XA212	59		XA111	35				16B	9			AKDM1A	01	AKDM90	01	2	TT3	E3		31B			
02950		XA111	35							16B	9			AKDM1A	02	AKDM1A	00	1	TD4	C1		17B	SET AKDM ( DIV E4		
02951		XA212	57		XA111	33				16B	9			AKDM2A	01	AKDM90	01	1	TT3	E3		30B			
02952		XA111	33							16B	9			AKDM2A	02	AKDM2A	00	1	TD4	C2		16B	RECIRC. AKDM (DIV		
02953		XA213	57		XA212	61				16B	9			AKDM3A	01	AKDM3A	00	1	TQ2	E3		30B	RECIRCULATE AKDM		
02954		XA212	61							16B	9			AKDM3A	02	AKDM90	01	3	TT3	E3		32B			
02955		XA212	36		XA111	38				16B	9			AKDM40	01	AKDM40	00	1	TT3	C1		17A			
02956		XA111	38							16B	9			AKDM40	02	AKDM1A	01	3	TD4	C1		18A			
02957		XA212	40		XA223	72				16B	9			AKDM5A	01	AKDM40	01	2	TT3	C1		19A			
02958		XA223	72							16B	9			AKDM5A	02	AKDM5A	00	1	TQ2	F2		34A			
02959		XA212	63		XA211	62				16B	9			AKDM90	01	AKDM90	00	1	TT3	E3		33B	AKDM DATA GATE		
02960		XA211	62							16B	9			AKDM90	02	AKDM8I	01	1	TDD	KI		29A			
02961		XA216	73		XA211	76				16B	9			AKDTBP	01	AD23E7	01	4	ADD						
02962		XA211	76							16B	9			AKDTBP	02	AKDTBP	00	1	TDD	LP		37A	AKDT - CLEAR		
02963		XA223	73		XA211	78				16B	9			AKDTBQ	01	AKDM5A	01	1	TQ2	F2		36B			
02964		XA211	78		XA113	71				16B	9			AKDTBQ	02	AKDTBQ	00	1	TDD	LQ		38A	AKDT - PRESET		
02965		XA113	71							16B	9			AKDTBQ	03	AKDT1A	01	2	TQ2	F2		36A			
02966		XA213	76		XA113	72				16B	9			AKDT1A	01	AKDT90	01	1	TQ2	F4		37A			
02967		XA113	72							16B	9			AKDT1A	02	AKDT1A	00	1	TQ2	F2		34A	RECIRCULATE AKDT		
02968		XA213	80		XA211	77				16B	9			AKDT90	01	AKDT90	00	1	TQ2	F4		39A	AKDT DATA GATE -		
										****			SIGNAL	(AKDT90)		IS ON THE			NEXT PAGE		****				



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
03013		XA112	21							168	9		AKYCCP	05	AKYCCP	00	1	TDD	DP		10B	AKYC UNLOAD - CLE	
03014		XA218	79		XA112	19				168	9		AKYCCQ	01	AD27E7	01	1	TAD	F7		39B		
03015		XA112	19							168	9		AKYCCQ	02	AKYCCQ	00	1	TDD	DQ		09B	AKYC UNLOAD - PRE	
03020		XA318	56		XA318	49				168	9		AKYCOP	01	AB111D	01	1	TLD	D1		26A		
03021		XA318	49		XA318	50				168	9		AKYCDP	02	AB081D	01	2	TLD	D4		26B		
03022		XA318	50		XA318	41				168	9		AKYCDP	03	AB101D	01	1	TLD	D2		23A		
03023		XA318	41		XA318	37				168	9		AKYCDP	04	AB091D	01	1	TLD	D3		22B		
03024		XA318	37		XA112	33				168	9		AKYCDP	05	AB121D	01	2	TLD	C4		18B		
03025		XA112	33							168	9		AKYCDP	06	AKYCDP	00	1	TDD	FP		16B	AKYC UNLOAD - CLE	
03026		XA216	79		XA112	31				168	9		AKYCDQ	01	AD23E7	01	1	ADD					
03027		XA112	31							168	9		AKYCDQ	02	AKYCDQ	00	1	TDD	FQ		15B	AKYC UNLOAD - PRE	
03030		XA318	40		XA318	36				168	9		AKYCEP	01	AB151D	01	2	TLD	C1		19A		
03031		XA318	36		XA318	29				168	9		AKYCEP	02	AB141D	01	1	TLD	C2		17A		
03032		XA318	29		XA318	23				168	9		AKYCEP	03	AB131D	01	1	TLD	C3		14B		
03033		XA318	23		XA318	17				168	9		AKYCEP	04	AB161D	01	1	TLD	B4		11B		
03034		XA318	17		XA112	45				168	9		AKYCEP	05	AB171D	01	1	TLD	B3		08B		
03035		XA112	45							168	9		AKYCEP	06	AKYCEP	00	1	TDD	HP		24B	AKYC UNLOAD - CLE	
03036		XA214	79		XA112	43				168	9		AKYCEQ	01	AD19E7	01	1	ADD					
03037		XA112	43							168	9		AKYCEQ	02	AKYCEQ	00	1	TDD	HQ		23B	AKYC UNLOAD - PRE	
03038		XA318	24		XA318	20				168	9		AKYCFP	01	AB191D	01	2	TLD	B1		13A		
03039		XA318	20		XA318	13				168	9		AKYCFP	02	AB181D	01	1	TLD	B2		11A		
03040		XA318	13		XA318	04				168	9		AKYCFP	03	AB201D	01	2	TLD	A4		06B		
03041		XA318	04		XA318	07				168	9		AKYCFP	04	AB221D	01	1	TLD	A2		04A		
03042		XA318	07		XA112	57				168	9		AKYCFP	05	AB211D	01	2	TLD	A3		03A		
03043		XA112	57							168	9		AKYCFP	06	AKYCFP	00	1	TDD	KP		30B	AKYC UNLOAD - CLE	
03044		XA216	77		XA112	55				168	9		AKYCFQ	01	AD23E7	01	2	ADD					
03045		XA112	55							168	9		AKYCFQ	02	AKYCFQ	00	1	TDD	KQ		29B	AKYC UNLOAD - PRE	
03046		XA320	56		XA320	49				168	9		AKYCGP	01	AB271D	01	1	TLD	D1		26A		
03047		XA320	49		XA320	50				168	9		AKYCGP	02	AB241D	01	2	TLD	D4		26B		
03048		XA320	50		XA320	43				168	9		AKYCGP	03	AB261D	01	1	TLD	D2		23A		
03049		XA320	43		XA318	08				168	9		AKYCGP	04	AB251D	01	2	TLD	D3		23B		
03050		XA318	08		XA112	69				168	9		AKYCGP	05	AB231D	01	2	TLD	A1		05A		
03051		XA112	69							168	9		AKYCGP	06	AKYCGP	00	1	TDD	MP		35A	AKYC UNLOAD - CLE	
03052		XA216	61		XA112	74				168	9		AKYCGQ	01	AD31B3	01	2	ADD	E3		32B		
03053		XA112	74							168	9		AKYCGQ	02	AKYCGQ	00	1	TDD	MQ		35B	AKYC UNLOAD - PRE	
03056		XA320	42		XA320	37				168	9		AKYCHP	01	AB311D	01	1	TLD	C1		20A		
03057		XA320	37		XA320	36				168	9		AKYCHP	02	AB281D	01	2	TLD	C4		18B		
03058		XA320	36		XA320	31				168	9		AKYCHP	03	AB301D	01	1	TLD	C2		17A		
03059		XA320	31		XA116	57				168	9		AKYCHP	04	AB291D	01	2	TLD	C3		15B		
03060		XA116	57							168	9		AKYCHP	05	AKYCHP	00	1	TDD	KP		30B	AKYC UNLOAD - CLE	

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	PREFIX	CONNECTOR	PIN	SH TO	PREFIX	CONNECTOR	PIN	SH TO	MULTI GROUP	CODE	COLOR	IDENT										SPEC INST WIRE	
03061		XA216	70			XA116	55			16B	9		AKYCHQ	01	AD31B1	01	1	ADD	E1	33A			
03062		XA116	55							16B	9		AKYCHQ	02	AKYCHQ	00	1	TDD	KQ	29B		AKYC UNLOAD - PRE	
03063		XA122	34			XA115	04			16B	9		AKYC1A	01	AL3290	01	5	TS8	C1	16A			
03064		XA115	04			XA111	04			16B	9		AKYC1A	02	AKYC1A	00	1	TT3	A1	04A		INITIALIZE SUB (C	
03065		XA111	04							16B	9		AKYC1A	03	AKYC90	01	1	TD4	A2	04A			
03066		XA122	31			XA115	07			16B	9		AKYC2A	01	AL3290	01	7	TS8	C1	15B			
03067		XA115	07			XA111	01			16B	9		AKYC2A	02	AKYC2A	00	1	TT3	A2	03A		CGF/CGH SUB (ADSE	
03068		XA111	01							16B	9		AKYC2A	03	AKYC90	01	3	T94	A2	02B			
03069		XA122	37			XA115	15			16B	9		AKYC3A	01	AL3290	01	8	TS8	C1	18B			
03070		XA115	15			XA111	05			16B	9		AKYC3A	02	AKYC3A	00	1	TT3	A3	07B		CGF/CGH SUB (ADSE	
03071		XA111	05							16B	9		AKYC3A	03	AKYC90	01	2	TD4	A2	03B			
03072		XA113	69			XA111	07			16B	9		AKYC4A	01	AKYC4A	00	1	TQ2	F3	35A		CD 6/7 SUB (MPY/D	
03073		XA111	07							16B	9		AKYC4A	02	AKYC90	01	4	TD4	A2	03A			
03074		XA116	62			XA112	71			16B	9		AKYC90	01	AKYCHI	01	1	TDD	KI	29A			
03075		XA112	71			XA112	62			16B	9		AKYC90	02	AKYCGI	01	1	TDD	MI	36A			
03076		XA112	62			XA112	48			16B	9		AKYC90	03	AKYCFI	01	1	TDD	KI	29A			
03077		XA112	48			XA112	34			16B	9		AKYC90	04	AKYCEI	01	1	TDD	HI	22A			
03078		XA112	34			XA112	18			16B	9		AKYC90	05	AKYCDI	01	1	TDD	FI	16A			
03079		XA112	18			XA112	05			16B	9		AKYC90	06	AKYCCI	01	1	TDD	OI	10A			
03080		XA112	05			XA111	09			16B	9		AKYC90	07	AKYCBT	01	1	TDD	BT	03B			
03081		XA111	09							16B	9		AKYC90	08	AKYCBT	00	1	TD4	A2	04B		AKYC DATA INPUT G	
03084		XA315	40			XA315	26			16B	9		AKYNBP	01	ABSE20	01	2	TLD	C1	19A			
03085		XA315	26			XA315	23			16B	9		AKYNBP	02	AB0320	01	1	TLD	B1	14A			
03086		XA315	23			XA315	18			16B	9		AKYNBP	03	AB0020	01	1	TLD	B4	11B			
03087		XA315	18			XA315	17			16B	9		AKYNBP	04	AB0220	01	2	TLD	B2	10A			
03088		XA315	17			XA112	11			16B	9		AKYNBP	05	AB0120	01	1	TLD	B3	08B			
03089		XA112	11							16B	9		AKYNBP	06	AKYNBP	00	1	TDD	AP	05B		AKYN - CLEAR	
03090		XA217	80			XA112	13			16B	9		AKYNBQ	01	AD31E8	01	5	TAD	F8	39A			
03091		XA112	13							16B	9		AKYNBQ	02	AKYNBQ	00	1	TDD	AQ	06B		AKYN - PRESET	
03096		XA315	08			XA315	11			16B	9		AKYNCP	01	AB0720	01	2	TLD	A1	06A			
03097		XA315	11			XA315	05			16B	9		AKYNCP	02	AB0420	01	1	TLD	A4	05B			
03098		XA315	05			XA315	03			16B	9		AKYNCP	03	AB0620	01	2	TLD	A2	03B			
03099		XA315	03			XA112	23			16B	9		AKYNCP	04	AB0520	01	1	TLD	A3	02A			
03100		XA112	23							16B	9		AKYNCP	05	AKYNCP	00	1	TDD	CP	11B		AKYN UNLOAD - CLE	
03101		XA218	80			XA112	25			16B	9		AKYNCP	01	AD27E8	01	5	TAD	F8	39A			
03102		XA112	25							16B	9		AKYNCP	02	AKYNCP	00	1	TDD	CQ	12B		AKYN UNLOAD - PRE	
03107		XA317	54			XA317	47			16B	9		AKYNCP	01	AB1120	01	2	TLD	D1	25A			
03108		XA317	47			XA317	48			16B	9		AKYNCP	02	AB0820	01	1	TLD	D4	25B			
										****		SIGNAL	(AKYNCP		S ON THE								****

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
03109		XA317	48		XA317	41		168	9			AKYNDP	03	AB102D	01	2	TLD	D2	22A	
03110		XA317	41		XA317	35		168	9			AKYNDP	04	AB092D	01	1	TLD	D3	22B	
03111		XA317	35		XA112	35		168	9			AKYNDP	05	AB122D	01	1	TLD	C4	17B	
03112		XA112	35					168	9			AKYNDP	06	AKYNDP	00	1	TDD	EP	17B	AKYN UNLOAD - CLD
03113		XA216	80		XA112	37		168	9			AKYNDQ	01	AD23E8	01	5	ADD			
03114		XA112	37					168	9			AKYNDQ	02	AKYNDQ	00	1	TDD	EQ	18B	AKYN UNLOAD - CLE
03117		XA317	40		XA317	36		168	9			AKYNEP	01	AB152D	01	2	TLD	C1	19A	
03118		XA317	36		XA317	29		168	9			AKYNEP	02	AB142D	01	1	TLD	C2	17A	
03119		XA317	29		XA317	23		168	9			AKYNEP	03	AB132D	01	1	TLD	C3	14B	
03120		XA317	23		XA317	17		168	9			AKYNEP	04	AB162D	01	1	TLD	B4	11B	
03121		XA317	17		XA112	47		168	9			AKYNEP	05	AB172D	01	1	TLD	B3	08B	
03122		XA112	47					168	9			AKYNEP	06	AKYNEP	00	1	TDD	GP	25B	AKYN UNLOAD - CLE
03123		XA214	80		XA112	49		168	9			AKYNEQ	01	AD19E8	01	5	ADD			
03124		XA112	49					168	9			AKYNEQ	02	AKYNEQ	00	1	TDD	GQ	26B	AKYN UNLOAD - PRE
03125		XA317	24		XA317	20		168	9			AKYNFP	01	AB192D	01	2	TLD	B1	13A	
03126		XA317	20		XA317	11		168	9			AKYNFP	02	AB182D	01	1	TLD	B2	11A	
03127		XA317	11		XA317	05		168	9			AKYNFP	03	AB202D	01	1	TLD	A4	05B	
03128		XA317	05		XA317	03		168	9			AKYNFP	04	AB222D	01	2	TLD	A2	03B	
03129		XA317	03		XA112	59		168	9			AKYNFP	05	AB212D	01	1	TLD	A3	02A	
03130		XA112	59					168	9			AKYNFP	06	AKYNFP	00	1	TDD	JP	31B	AKYN UNLOAD - CLE
03131		XA216	75		XA112	61		168	9			AKYNFQ	01	AD23E7	01	3	ADD			
03132		XA112	61					168	9			AKYNFQ	02	AKYNFQ	00	1	TDD	JQ	32B	AKYN UNLOAD - PRE
03133		XA319	56		XA319	49		168	9			AKYNGP	01	AB272D	01	1	TLD	D1	26A	
03134		XA319	49		XA319	50		168	9			AKYNGP	02	AB242D	01	2	TLD	D4	26B	
03135		XA319	50		XA319	43		168	9			AKYNGP	03	AB262D	01	1	TLD	D2	23A	
03136		XA319	43		XA317	08		168	9			AKYNGP	04	AB252D	01	2	TLD	D3	23B	
03137		XA317	08		XA112	76		168	9			AKYNGP	05	AB232D	01	2	TLD	A1	06A	
03138		XA112	76					168	9			AKYNGP	06	AKYNGP	00	1	TDD	LP	37A	AKYN UNLOAD - CLE
03139		XA216	59		XA112	78		168	9			AKYNGQ	01	AD31B3	01	1	ADD	E3	31B	
03140		XA112	78					168	9			AKYNGQ	02	AKYNGQ	00	1	TDD	LQ	38A	AKYN UNLOAD - PRE
03141		XA319	42		XA319	37		168	9			AKYNHP	01	AB312D	01	1	TLD	C1	20A	
03142		XA319	37		XA319	36		168	9			AKYNHP	02	AB282D	01	2	TLD	C4	18B	
03143		XA319	36		XA319	29		168	9			AKYNHP	03	AB302D	01	1	TLD	C2	17A	
03144		XA319	29		XA116	59		168	9			AKYNHP	04	AB292D	01	1	TLD	C3	14B	
03145		XA116	59					168	9			AKYNHP	05	AKYNHP	00	1	TDD	JP	31B	AKYN UNLOAD - CLE
03146		XA216	63		XA116	61		168	9			AKYNHQ	01	AD31B3	01	3	ADD	E3	33B	
03147		XA116	61					168	9			AKYNHQ	02	AKYNHQ	00	1	TDD	JQ	32B	AKYN UNLOAD - PRE
03148		XA213	38		XA111	13		168	9			AKYN1A	01	AKYN1A	00	1	TQ2	C1	18A	INITIALIZE ADD (C
03149		XA111	13					168	9			AKYN1A	02	AKYN90	01	4	TQ4	A1	06B	
								****		SIGNAL	AKYN2A									IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDENT
03150		XA115	27		XA111	06		168	9		AKYN2A	01	AKYN2A	00	1	TT3	B3	13B	CGF/CGH ADD (ADSE		
03151		XA111	06					168	9		AKYN2A	02	AKYN90	01	3	TD4	A1	05A			
03152		XA115	36		XA111	10		168	9		AKYN3A	01	AKYN3A	00	1	TT3	C1	17A	CGF/CGH ADD (ADSE		
03153		XA111	10					168	9		AKYN3A	02	AKYN90	01	1	TD4	A1	07A			
03154		XA213	30		XA111	08		168	9		AKYN4A	01	AKYN4A	00	1	TQ2	C2	15A	CODE 6/7 ADD (MPV		
03155		XA111	08					168	9		AKYN4A	02	AKYN90	01	2	TD4	A1	06A			
03156		XA116	68		XA112	77		168	9		AKYN90	01	AKYNHI	01	1	TDD	J1	32A			
03157		XA112	77		XA112	68		168	9		AKYN90	02	AKYNGI	01	1	TDD	L1	38B			
03158		XA112	68		XA112	54		168	9		AKYN90	03	AKYNFI	01	1	TDD	J1	32A			
03159		XA112	54		XA112	40		168	9		AKYN90	04	AKYNET	01	1	TDD	G1	25A			
03160		XA112	40		XA112	24		168	9		AKYN90	05	AKYNDI	01	1	TDD	E1	19A			
03161		XA112	24		XA112	08		168	9		AKYN90	06	AKYNCT	01	1	TDD	C1	13A			
03162		XA112	08		XA111	11		168	9		AKYN90	07	AKYNBI	01	1	TDD	A1	06A			
03163		XA111	11					168	9		AKYN90	08	AKYN90	03	1	TD4	A1	05B	AKYN DATA INPUT G		
03164		XA213	47		XA111	23		168	9		AKY0CA	01	AKY0C0	01	1	TQ2	D4	25B			
03165		XA111	23					168	9		AKY0CA	02	AKY0CA	00	1	TD4	B1	11B	CODE 6 ADD (CGF/C		
03166		XA213	51		XA115	38		168	9		AKY0C0	01	AKY0C0	00	1	TQ2	D4	27B	CODE 6 ADD (CGF/C		
03167		XA115	38		XA115	23		168	9		AKY0C0	02	AKYN3A	01	3	TT3	C1	18A			
03168		XA115	23		XA115	13		168	9		AKY0C0	03	AKYN2A	01	2	TT3	B3	11B			
03169		XA115	13		XA115	03		168	9		AKY0C0	04	AKYC3A	01	3	TT3	A3	06B			
03170		XA115	03					168	9		AKY0C0	05	AKYC2A	01	3	TT3	A2	02A			
03171		XA213	36		XA114	80		168	9		AKY1C0	01	AKYN4A	01	1	TQ2	C2	17A			
03172		XA114	80					168	9		AKY1C0	02	AKY1C0	00	1	TQ2	F4	39A	MPY/DVD/XIO/XIT A		
03173		XA213	33		XA114	76		168	9		AKY11A	01	AKY11A	00	1	TQ2	C3	16B	CODE 6 ADD (MPY/D		
03174		XA114	76					168	9		AKY11A	02	AKY1C0	01	1	TQ2	F4	37A			
03175		XA213	39		XA114	78		168	9		AKY12A	01	AKY12A	00	1	TQ2	C4	19B	CODE 7 ADD - DVD		
03176		XA114	78					168	9		AKY12A	02	AKY1C0	01	2	TQ2	F4	38A			
03177		XA213	29		XA115	20		168	9		AKY2C0	01	AKY11A	01	1	TQ2	C3	14B			
03178		XA115	20					168	9		AKY2C0	02	AKY2C0	00	1	TT3	B1	11A	MPY/DVD/XIO/XIT A		
03179		XA213	52		XA115	26		168	9		AKY21A	01	AKY21A	00	1	TQ2	D1	24A	MPY ADD (AQ31 = L		
03180		XA115	26		XA111	20		168	9		AKY21A	02	AKY2C0	01	1	TT3	B1	14A			
03181		XA111	20					168	9		AKY21A	03	AKY31A	01	1	TD4	B2	11A			
03182		XA212	43		XA115	24		168	9		AKY22A	01	AKY22A	00	1	TT3	D2	23B	DVD ADD (ACSE = A		
03183		XA115	24		XA111	18		168	9		AKY22A	02	AKY2C0	01	2	TT3	B1	13A			
03184		XA111	18					168	9		AKY22A	03	AKY31A	01	2	TD4	B2	10A			
03185		XA213	46		XA212	41		168	9		AKY23A	01	AKY23A	00	1	TQ2	D2	21A	(ACSE = AYSE)**-A		
03186		XA212	41					168	9		AKY23A	02	AKY22A	01	3	TT3	D2	22B			
										****	SIGNAL	(AKY24A					S ON THE	NEXT PAGE	****		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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AKY24A

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RECORD NUMBER	FROM			TO			WIRE			SFC INST. MISC.	SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OR CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
03187		XA213	45		XA212	46		16B	9		AKY24A	01	AKY24A	00	1	TQ2	D3	24B	(ACSE = AYSE)*-A		
03188		XA212	46					16B	9		AKY24A	02	AKY22A	01	2	TT3	O2	21A			
03189		XA213	63		XA113	74		16B	9		AKY3C0	01	AKY3C0	00	1	TQ2	E4	33B	MPY/DVD/X00/XDT S		
03190		XA113	74					16B	9		AKY3C0	02	AKYC4A	01	2	TQ2	F3	35B			
03191		XA213	59		XA111	21		16B	9		AKY31A	01	AKY3C0	01	1	TQ2	E4	31B			
03192		XA111	21		XA131	66		16B	9		AKY31A	02	AKY31A	00	1	T04	B2	10B	CODE 6 SUB (MPY/D		
03193		XA131	66					16B	9		AKY31A	03	AKY4C0	01	3	TD4	E1	31A			
03194		XA213	61		XA114	72		16B	9		AKY32A	01	AKY3C0	01	2	TQ2	E4	32B			
03195		XA114	72					16B	9		AKY32A	02	AKY32A	00	1	TQ2	F2	34A	CODE 7 SUB (X00/X		
03198		XA212	47		XA131	59		16B	9		AKY4C0	01	AL321A	01	2	TT3	D3	25B			
03199		XA131	59					16B	9		AKY4C0	02	AKY4C0	00	1	TD4	E1	31B	CODES 6/7 CARRY I		
03200		XA213	75		XA131	70		16B	9		AKY41A	01	AKY41A	00	1	TQ2	F1	37B	CODE 6 CARRY IN (		
03201		XA131	70					16B	9		AKY41A	02	AKY4C0	01	1	TD4	E1	33A			
03204		XA213	72		XA131	61		16B	9		AKY42A	01	AKY42A	00	1	TQ2	F2	34A	CODE 7 CARRY IN (		
03205		XA131	61					16B	9		AKY42A	02	AKY4C0	01	4	TD4	E1	32B			
03208		XA212	50		XA131	68		16B	9		AKY43A	01	AKY43A	00	1	TT3	D1	23A	CODE 7 CARRY IN (		
03209		XA131	68					16B	9		AKY43A	02	AKY4C0	01	2	TD4	E1	32A			
03212		XA212	52		XA115	19		16B	9		AKY5C0	01	AKY43A	01	3	TT3	D1	24A			
03213		XA115	19					16B	9		AKY5C0	02	AKY5C0	00	1	TT3	B2	09B	DIVIDE QUOTIENT C		
03214		XA212	73		XA115	18		16B	9		AKY51A	01	AKY51A	00	1	TT3	F1	36B	DIVIDE QUOTIENT C		
03215		XA115	18					16B	9		AKY51A	02	AKY5C0	01	1	TT3	B2	10A			
03216		XA212	74		XA115	17		16B	9		AKY52A	01	AKY52A	00	1	TT3	F2	35B	DIVIDE QUOTIENT C		
03217		XA115	17					16B	9		AKY52A	02	AKY5C0	01	3	TT3	B2	08B			
03218		XA212	31		XA115	14		16B	9		AKY53A	01	AKY53A	00	1	TT3	C2	15B			
03219		XA115	14					16B	9		AKY53A	02	AKY5C0	01	2	TT3	B2	09A			
03220		XA144	78		XA245	48		16B	9		AL00C0	01	AY307A	01	3	TT3	F3	38A			
03221		XA245	48		XA246	68		16B	9		AL00C0	02	ACA01A	01	2	TD4	O2	22A			
03222		XA246	68		XA235	57		16B	9		AL00C0	03	ACD81A	01	2	TT3	E1	32A			
03223		XA235	57		XA212	60		16B	9		AL00C0	04	AL00C0	00	1	TD4	E2	30B	AL 00 CARRY OUT		
03224		XA212	60		XA111	49		16B	9		AL00C0	05	AKCB1A	01	2	TT3	E2	28A			
03225		XA111	49		XA115	25		16B	9		AL00C0	06	AKDV1A	01	4	TD4	D1	26B			
03226		XA115	25		XA115	01		16B	9		AL00C0	07	AKYN2A	01	3	TT3	B3	12B			
03227		XA115	01					16B	9		AL00C0	08	AKYC2A	01	2	TT3	A2	02B			
03228		XA235	60		XA231	27		16B	9		AL001A	01	AL00C0	01	3	TD4	E2	28A			
03229		XA231	27					16B	9		AL001A	02	AL001A	00	1	TT3	B3	13B	AL 00 CARRY FROM		
03230		XA235	64		XA227	59		16B	9		AL002A	01	AL00C0	01	1	TD4	E2	30A			
								****			SIGNAL		AL002A			S ON THE		NEXT PAGE	****		

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	PREFIX	CONNECTOR	PIN	W/S	PREFIX	CONNECTOR	PIN	W/S	MULTI GROUP	CODE	COLOR	DEN									SPEC INST W/S	AND		
03231		XA227	59						168	9			AL002A	02	AL002A	00	1	TD4	E1		31B		AL 00 CARRY FROM	
03232		XA235	62		XA227	57			168	9			AL003A	01	AL003A	01	2	TD4	E2		29A			
03233		XA227	57						168	9			AL003A	02	AL003A	00	1	TD4	E2		30B		AL 00 CARRY FROM	
21423		XA105	15		XA113	31			168	9			AL32BP	01					EXT					
03237		XA113	31		XA116	76			168	9			AL32BP	02	AQ316A	01	2	TQ2	C3		15B			
03238		XA116	76		XA231	60			168	9			AL32BP	03	AL32BP	00	1	TDD	LP		37A		AL 32 - CLEAR	
03239		XA231	60						168	9			AL32BP	04	ACC66A	01	2	TT3	E2		28A			
21424		XA105	13		XA113	36			168	9			AL32BQ	01				EXT						
03241		XA113	36		XA116	78			168	9			AL32BQ	02	AQ315A	01	1	TQ2	C2		17A			
03242		XA116	78		XA114	79			168	9			AL32BQ	03	AL32BQ	00	1	TDD	LQ		38A		AL 32 - PRESET	
03243		XA114	79		XA216	57			168	9			AL32BQ	04	AL322A	01	1	TQ2	F1		39B			
03244		XA216	57		XA231	61			168	9			AL32BQ	05	AD31B2	01	3	ADD	E2		30B			
03245		XA231	61						168	9			AL32BQ	06	ACC67A	01	3	TT3	E3		32B			
03248		XA212	51		XA122	40			168	9			AL321A	01	AL321A	00	1	TT3	D3		27B		CODES 6/7 CARRY I	
03249		XA122	40						168	9			AL321A	02	AL3290	01	2	TS8	C1		19A			
03250		XA122	42		XA114	75			168	9			AL322A	01	AL3290	01	1	TS8	C1		20A			
03251		XA114	75						168	9			AL322A	02	AL322A	00	1	TQ2	F1		37B		AL 32 RECIRCULATE	
03252		XA122	35		XA116	77			168	9			AL3290	01	AL3290	00	1	TS8	C1		17B		AL 32 DATA INPUT	
03253		XA116	77						168	9			AL3290	02	AL3290	01	1	TDD	L1		38B			
21426		XA202	07		XA228	69			168	9			AMFMLA	01				EXT						
03255		XA228	69						168	9			AMFMLA	02	AMFMLA	00	1	TQ2	F3		35A		FORMAT LEFT - A	
21428		XA202	05		XA228	80			168	9			AMFMRA	01				EXT						
03259		XA228	80						168	9			AMFMRA	02	AMFMRA	00	1	TQ2	F4		39A		FORMAT RIGHT - A	
21431		XA105	11		XA130	66			168	9			AMNLZ0	01				EXT						
03265		XA130	66						168	9			AMNLZ0	02	AMNLZ0	00	1	TQ2	E1		31A		NORMALIZE DECODE	
21432		XA105	07		XA130	64			168	9			AMNMZA	01				EXT						
03267		XA130	64		XA130	70			168	9			AMNMZA	02	AMNMZA	01	1	TQ2	E2		30A			
03268		XA130	70		XA231	04			168	9			AMNMZA	03	AMNLZ0	01	1	TQ2	E1		33A			
03269		XA231	04						168	9			AMNMZA	04	AMNMZA	00	1	TT3	A1		04A		NORMALIZE DECODE	
21435		XA105	09		XA130	60			168	9			AMNMZ0	01				EXT						
03275		XA130	60		XA131	25			168	9			AMNMZ0	02	AMNMZ0	00	1	TQ2	E2		28A		NORMALIZE DECODE	
03276		XA131	25		XA131	05			168	9			AMNMZ0	03	AQC65A	01	4	TD4	B1		12B			
03277		XA131	05						168	9			AMNMZ0	04	AQC62A	01	2	TD4	A2		03B			
21436		XA105	03		XA130	53			168	9			AMRFTA	01				EXT						
03279		XA130	53		XA131	19			168	9			AMRFTA	02	AMRFTA	01	1	TQ2	E3		28B			
03280		XA131	19		XA136	35			168	9			AMRFTA	03	AQLS3A	01	4	TD4	B2		09B			
03281		XA136	35						168	9			AMRFTA	04	AMRFTA	00	1	TD4	C1		17B		REFLECT DECODE -	
												****	SIGNAL	AMRFTA	IS ON THE NEXT PAGE				****					



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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN										
21439		XA105	05		XA113	20		16B	9		AMRFT0	01		EXT					
03287		XA113	20		XA130	57		16B	9		AMRFT0	02	AQLS2A	01	TQ2	B2	11A		
03288		XA130	57		XA244	48		16B	9		AMRFT0	03	AMRFT0	00	TQ2	E3	30B	REFLECT DECODE -	
03289		XA244	48					16B	9		AMRFT0	04	ACRS2A	01	TQ2	D2	22A		
03290		XA244	35		XA231	07		16B	9		AMSF00	01	ACLS2A	01	TQ2	C4	17B		
03291		XA231	07		XA130	61		16B	9		AMSF00	02	AMSF00	00	TT3	A2	03A	SHIFT FULL ALGBC	
03292		XA130	61					16B	9		AMSF00	03	AMSF00	01	TQ2	E4	32B		
03293		XA244	31		XA130	63		16B	9		AMSF00	01	ACLS1A	01	TQ2	C3	15B		
03294		XA130	63					16B	9		AMSF00	02	AMSF00	00	TQ2	E4	33B	SHIFT FULL ALGBC	
21440		XA202	01		XA231	29		16B	9		AMSNCA	01		EXT				TO BAY 2	
03296		XA231	29		XA130	42		16B	9		AMSNCA	02	ACC53A	01	TT3	C2	14B		
03297		XA130	42		XA136	33		16B	9		AMSNCA	03	AMSNCO	01	TQ2	C1	20A		
03298		XA136	33					16B	9		AMSNCA	04	AMSNCA	00	TD4	C2	16B	SHIFT AND COUNT D	
21443		XA202	03		XA229	65		16B	9		AMSNCO	01		EXT					
03304		XA229	65		XA231	45		16B	9		AMSNCO	02	AMSNDA	01	TQ2	F3	34B		
03305		XA231	45		XA231	41		16B	9		AMSNCO	03	ACC63A	01	TT3	D3	24B		
03306		XA231	41		XA130	38		16B	9		AMSNCO	04	ACC62A	01	TT3	D2	22B		
03307		XA130	38					16B	9		AMSNCO	05	AMSNCO	00	TQ2	C1	18A	SHIFT AND COUNT D	
21444		XA105	01		XA115	30		16B	9		AMSNDA	01		EXT				(TO BAY 2)	
03309		XA115	30		XA132	08		16B	9		AMSNDA	02	AQC40A	01	TT3	C2	15A		
03310		XA132	08		XA227	06		16B	9		AMSNDA	03	AQ002A	01	TS8	A1	06A		
03311		XA227	06		XA229	69		16B	9		AMSNDA	04	ACC7CA	01	TD4	A1	05A		
03312		XA229	69					16B	9		AMSNDA	05	AMSNDA	00	TQ2	F3	35A	SHIFT AND COUNT D	
21446		XA105	49		XA130	36		16B	9		AMSNLA	01		EXT					
03316		XA130	36		XA231	15		16B	9		AMSNLA	02	AMSNLO	01	TQ2	C2	17A		
03317		XA231	15		XA131	14		16B	9		AMSNLA	03	AMSNLA	00	TT3	A3	07B	SHIFT NORMAL LEFT	
03318		XA131	14					16B	9		AMSNLA	04	AQLS3A	01	TD4	B2	09A		
21449		XA105	47		XA115	46		16B	9		AMSNLO	01	GROUND		EXT				
03324		XA115	46		XA130	30		16B	9		AMSNLO	02	AQLS1A	01	TT3	D2	21A		
03325		XA130	30					16B	9		AMSNLO	03	AMSNLO	00	TQ2	C2	15A	SHIFT NORMAL LEFT	
21450		XA105	53		XA130	31		16B	9		AMSNRA	01		EXT					
03327		XA130	31		XA231	20		16B	9		AMSNRA	02	AMSNRO	01	TQ2	C3	15B		
03328		XA231	20					16B	9		AMSNRA	03	AMSNRA	00	TT3	B1	11A	SHIFT NORMAL RIGH	
21453		XA105	51		XA130	33		16B	9		AMSNRO	01		EXT				(TO BAY 2)	
03334		XA130	33		XA235	71		16B	9		AMSNRO	02	AMSNRO	00	TQ2	C3	16B	SHIFT NORMAL RIGH	
03335		XA235	71		XA235	77		16B	9		AMSNRO	03	ACRS4A	01	TD4	F2	36A		
03336		XA235	77					16B	9		AMSNRO	04	ACRS3A	01	TD4	F1	38B		
03337		XA350	65		XA350	70		16B	9		AMOICO	01	AC033A	01	TT3	F2	34B		
03338		XA350	70		XA349	57		16B	9		AMOICO	02	AC023A	01	TT3	E1	33A		
03339		XA349	57		XA349	48		16B	9		AMOICO	03	AC073A	01	TT3	E3	30B		
								****		SIGNAL	(AMOICO)		IS ON THE		NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	GROUP	CODE											
03340		XA349	48		XA349	42			16B	9								22A		
03341		XA349	42		XA350	33			16B	9								20A		
03342		XA350	33		XA349	13			16B	9								16B		
03343		XA349	13		XA350	01			16B	9								06B		
03344		XA350	01		XA244	66			16B	9								02B		
03345		XA244	66		XA242	25			16B	9								31A	ARITH. CNTL 01 UN	
03346		XA242	25						16B	9								12B		
03347		XA348	72		XA348	70			16B	9								34A		
03348		XA348	70		XA344	46			16B	9								33A		
03349		XA344	46		XA344	42			16B	9								21A		
03350		XA344	42		XA348	33			16B	9								20A		
03351		XA348	33		XA348	18			16B	9								16B		
03352		XA348	18		XA348	10			16B	9								10A		
03353		XA348	10		XA344	11			16B	9								07A		
03354		XA344	11		XA244	60			16B	9								05B		
03355		XA244	60						16B	9								28A	ARITH. CNTL 01 UN	
03356		XA344	57		XA244	57			16B	9								30B		
03357		XA244	57		XA248	66			16B	9								30B	ARITH. CNTL 01 UN	
03358		XA248	66		XA249	57			16B	9								31A		
03359		XA249	57		XA249	48			16B	9								30B		
03360		XA249	48		XA249	42			16B	9								22A		
03361		XA249	42		XA248	33			16B	9								20A		
03362		XA248	33		XA248	18			16B	9								16B		
03363		XA248	18		XA248	08			16B	9								10A		
03364		XA248	08						16B	9								06A		
03365		XA248	09		XA247	26			16B	9								04B		
03366		XA247	26		XA247	29			16B	9								14A		
03367		XA247	29		XA246	42			16B	9								14B		
03368		XA246	42		XA246	46			16B	9								20A		
03369		XA246	46		XA247	49			16B	9								21A		
03370		XA247	49		XA248	65			16B	9								26B		
03371		XA248	65		XA247	75			16B	9								34B		
03372		XA247	75		XA244	63			16B	9								37B		
03373		XA244	63						16B	9								33B	ARITH. CNTL 01 UN	
03374		XA242	05		XA245	04			16B	9								03B		
03375		XA245	04		XA245	06			16B	9								04A		
03376		XA245	06		XA243	36			16B	9								05A		
03377		XA243	36		XA244	51			16B	9								17A		
03378		XA244	51		XA235	54			16B	9								27B	ARITH. CNTL 02 UN	
03379		XA235	54						16B	9								25A		
03380		XA349	75		XA350	69			16B	9								37B		
03381		XA350	69		XA350	62			16B	9								35A		
03382		XA350	62		XA350	56			16B	9								29A		
03383		XA350	56		XA349	45			16B	9								26A		
03384		XA349	45		XA349	34			16B	9								24B		
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	PREFIX	CONNECTOR	FIN	POS	PREFIX	CONNECTOR	FIN	POS	MULTI GROUP	CODE	COLOR	IDENT											
03385		XA349	34		XA349	26				16B	9		AM03C0	06	AC054A	01	1	TT3	C2		16A		
03386		XA349	26		XA350	11				16B	9		AM03C0	07	AC044A	01	1	TT3	B1		14A		
03387		XA350	11		XA245	72				16B	9		AM03C0	08	ACSE4A	01	2	TT3	A3		05B		
03388		XA245	72		XA243	06				16B	9		AM03C0	09	AC004A	01	3	T04	F2		34A		
03389		XA243	06		XA231	40				16B	9		AM03C0	10	AM03C0	00	1	TQ2	A1		05A	ARITH. CNTL 03 UN	
03390		XA231	40							16B	9		AM03C0	11	ACRHCA	01	2	TT3	C1		19A		
03391		XA348	69		XA348	62				16B	9		AM03D0	01	AC124A	01	1	TT3	F3		35A		
03392		XA348	62		XA348	56				16B	9		AM03D0	02	AC114A	01	1	TT3	E2		29A		
03393		XA348	56		XA344	45				16B	9		AM03D0	03	AC104A	01	1	TT3	D1		26A		
03394		XA344	45		XA344	34				16B	9		AM03D0	04	AC154A	01	1	TT3	D3		24B		
03395		XA344	34		XA344	26				16B	9		AM03D0	05	AC144A	01	1	TT3	C2		16A		
03396		XA344	26		XA348	21				16B	9		AM03D0	06	AC134A	01	1	TT3	B1		14A		
03397		XA348	21		XA348	01				16B	9		AM03D0	07	AC094A	01	1	TT3	B3		10B		
03398		XA348	01		XA242	10				16B	9		AM03D0	08	AC084A	01	2	TT3	A2		02B		
03399		XA242	10		XA243	01				16B	9		AM03D0	09	ACAD3A	01	1	TS8	A1		07A		
03400		XA243	01							16B	9		AM03D0	10	AM03D0	00	1	TQ2	A2		02B	ARITH. CNTL 03 UN	
03401		XA344	79		XA249	79				16B	9		AM03E0	01	AC164A	01	1	TT3	F1		39B		
03402		XA249	79		XA248	60				16B	9		AM03E0	02	AC194A	01	1	TT3	F1		39B		
03403		XA248	60		XA248	56				16B	9		AM03E0	03	AC234A	01	2	TT3	E2		28A		
03404		XA248	56		XA249	45				16B	9		AM03E0	04	AC224A	01	1	TT3	D1		26A		
03405		XA249	45		XA249	29				16B	9		AM03E0	05	AC184A	01	1	TT3	D3		24B		
03406		XA249	29		XA248	21				16B	9		AM03E0	06	AC174A	01	3	TT3	C2		14B		
03407		XA248	21		XA248	05				16B	9		AM03E0	07	AC214A	01	1	TT3	B3		10B		
03408		XA248	05		XA243	09				16B	9		AM03E0	08	AC204A	01	1	TT3	A2		03B		
03409		XA243	09		XA235	52				16B	9		AM03E0	09	AM03E0	00	1	TQ2	A3		04B	ARITH. CNTL 03 UN	
03410		XA235	52							16B	9		AM03E0	10	ACMTC A	01	3	T04	D1		24A		
03411		XA243	15		XA245	05				16B	9		AM03F0	01	AM03F0	00	1	TQ2	A4		07B	ARITH. CNTL 03 UN	
03412		XA245	05		XA247	17				16B	9		AM03F0	02	ACDQCA	01	2	T04	A2		03B		
03413		XA247	17		XA246	26				16B	9		AM03F0	03	AC254A	01	3	TT3	B2		08B		
03414		XA246	26		XA246	30				16B	9		AM03F0	04	AC294A	01	1	TT3	B1		14A		
03415		XA246	30		XA247	35				16B	9		AM03F0	05	AC304A	01	2	TT3	C2		15A		
03416		XA247	35		XA245	54				16B	9		AM03F0	06	AC264A	01	2	TT3	C3		17B		
03417		XA245	54		XA247	70				16B	9		AM03F0	07	AC314A	01	2	T04	D1		25A		
03418		XA247	70		XA247	72				16B	9		AM03F0	08	AC274A	01	1	TT3	E1		33A		
03419		XA247	72		XA248	69				16B	9		AM03F0	09	AC284A	01	2	TT3	F2		34A		
03420		XA248	69		XA242	75				16B	9		AM03F0	10	AC244A	01	1	TT3	F3		35A		
03421		XA242	75							16B	9		AM03F0	11	AC315A	01	3	TS8	F1		37B		
03422		XA132	14		XA132	10				16B	9		AM10C0	01	AQ004A	01	6	TS8	B1		09A		
03423		XA132	10		XA128	05				16B	9		AM10C0	02	AQ002A	01	1	TS8	A1		07A		
03424		XA128	05		XA128	14				16B	9		AM10C0	03	AQ062A	01	1	TT3	A2		03B		
03425		XA128	14		XA129	18				16B	9		AM10C0	04	AQ072A	01	2	TT3	B2		09A		
03426		XA129	18		XA129	34				16B	9		AM10C0	05	AQ012A	01	1	TT3	B2		10A		
03427		XA129	34		XA129	48				16B	9		AM10C0	06	AQ022A	01	1	TT3	C2		16A		
03428		XA129	48		XA129	62				16B	9		AM10C0	07	AQ032A	01	1	TT3	D2		22A		
03429		XA129	62		XA129	65				16B	9		AM10C0	08	AQ042A	01	1	TT3	E2		29A		
03430		XA129	65		XA114	38				16B	9		AM10C0	09	AQ052A	01	3	TT3	F2		34B		
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	PREFIX	CONNECTOR	PIN	TO A	PREFIX	CONNECTOR	PIN	WIRE GROUP	CODE	COLOR	DEN	SPIN											
03431		XA114	38						168	9			AM10C0	10	AM10C0	00	1	TQ2	C1		18A	ARITH. CNTL 10 UN	
03432		XA127	03		XA126	05			168	9			AM10D0	01	AQ102A	01	3	TT3	A2		02A		
03433		XA126	05		XA126	14			168	9			AM10D0	02	AQ142A	01	1	TT3	A2		03B		
03434		XA126	14		XA127	18			168	9			AM10D0	03	AQ152A	01	2	TT3	B2		09A		
03435		XA127	18		XA127	29			168	9			AM10D0	04	AQ112A	01	1	TT3	B2		10A		
03436		XA127	29		XA128	34			168	9			AM10D0	05	AQ122A	01	3	TT3	C2		14B		
03437		XA128	34		XA128	41			168	9			AM10D0	06	AQ082A	01	1	TT3	C2		16A		
03438		XA128	41		XA127	48			168	9			AM10D0	07	AQ092A	01	3	TT3	D2		22B		
03439		XA127	48		XA114	30			168	9			AM10D0	08	AQ132A	01	1	TT3	D2		22A		
03440		XA114	30						168	9			AM10D0	09	AM10D0	00	1	TQ2	C2		15A	ARITH. CNTL 10 UN	
03441		XA132	42		XA131	52			168	9			AM10E0	01	AQ164A	01	1	TS8	C1		20A		
03442		XA131	52		XA126	72			168	9			AM10E0	02	AQ162A	01	3	TQ4	D1		24A		
03443		XA126	72		XA126	62			168	9			AM10E0	03	AQ192A	01	2	TT3	F2		34A		
03444		XA126	62		XA126	48			168	9			AM10E0	04	AQ182A	01	1	TT3	E2		29A		
03445		XA126	48		XA125	46			168	9			AM10E0	05	AQ172A	01	1	TT3	D2		22A		
03446		XA125	46		XA125	34			168	9			AM10E0	06	AQ232A	01	2	TT3	D2		21A		
03447		XA125	34		XA125	18			168	9			AM10E0	07	AQ222A	01	1	TT3	C2		18A		
03448		XA125	18		XA125	03			168	9			AM10E0	08	AQ212A	01	1	TT3	B2		10A		
03449		XA125	03		XA114	33			168	9			AM10E0	09	AQ202A	01	3	TT3	A2		02A		
03450		XA114	33						168	9			AM10E0	10	AM10E0	00	1	TQ2	C3		16B	ARITH. CNTL 10 UN	
03451		XA123	01		XA124	05			168	9			AM10F0	01	AQ262A	01	2	TT3	A2		02B		
03452		XA124	05		XA124	17			168	9			AM10F0	02	AQ242A	01	1	TT3	A2		03B		
03453		XA124	17		XA123	18			168	9			AM10F0	03	AQ252A	01	3	TT3	B2		08B		
03454		XA123	18		XA123	34			168	9			AM10F0	04	AQ272A	01	1	TT3	B2		10A		
03455		XA123	34		XA123	48			168	9			AM10F0	05	AQ282A	01	1	TT3	C2		16A		
03456		XA123	48		XA123	62			168	9			AM10F0	06	AQ292A	01	1	TT3	D2		22A		
03457		XA123	62		XA123	65			168	9			AM10F0	07	AQ302A	01	1	TT3	E2		29A		
03458		XA123	65		XA114	39			168	9			AM10F0	08	AQ312A	01	3	TT3	F2		34B		
03459		XA114	39						168	9			AM10F0	09	AM10F0	00	1	TQ2	C4		19B	ARITH. CNTL 10 UN	
03460		XA132	18		XA132	13			168	9			AM12C0	01	AQ004A	01	5	TS8	B1		10A		
03461		XA132	13		XA128	01			168	9			AM12C0	02	AQ002A	01	8	TS8	A1		06B		
03462		XA128	01		XA128	17			168	9			AM12C0	03	AQ062A	01	2	TT3	A2		02B		
03463		XA128	17		XA129	17			168	9			AM12C0	04	AQ072A	01	3	TT3	B2		08B		
03464		XA129	17		XA129	29			168	9			AM12C0	05	AQ012A	01	3	TT3	B2		08B		
03465		XA129	29		XA129	41			168	9			AM12C0	06	AQ022A	01	3	TT3	C2		14B		
03466		XA129	41		XA129	53			168	9			AM12C0	07	AQ032A	01	3	TT3	D2		22B		
03467		XA129	53		XA129	71			168	9			AM12C0	08	AQ042A	01	3	TT3	E2		28B		
03468		XA129	71		XA114	52			168	9			AM12C0	09	AQ052A	01	1	TT3	F2		36A		
03469		XA114	52						168	9			AM12C0	10	AM12C0	00	1	TQ2	D1		24A	ARITH. CNTL 12 UN	
03470		XA126	01		XA127	05			168	9			AM12D0	01	AQ142A	01	2	TT3	A2		02B		
03471		XA127	05		XA127	17			168	9			AM12D0	02	AQ102A	01	1	TT3	A2		03B		
03472		XA127	17		XA126	18			168	9			AM12D0	03	AQ112A	01	3	TT3	B2		08B		
03473		XA126	18		XA127	30			168	9			AM12D0	04	AQ152A	01	1	TT3	B2		10A		
03474		XA127	30		XA128	29			168	9			AM12D0	05	AQ122A	01	2	TT3	C2		15A		
03475		XA128	29		XA128	46			168	9			AM12D0	06	AQ082A	01	3	TT3	C2		14B		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	WIRE	WIRE															
03476		XA128	46		XA127	46		168	9				AM12D0	07	AQ092A	01	2	TT3	D2		21A			
03477		XA127	46		XA114	46		168	9				AM12D0	08	AQ132A	01	2	TT3	D2		21A			
03478		XA114	46					168	9				AM12D0	09	AM12D0	00	1	TQ2	D2		21A	ARITH. CNTL 12 UN		
03479		XA132	40		XA131	54		168	9				AM12E0	01	AQ164A	01	2	T58	C1		19A			
03480		XA131	54		XA126	71		168	9				AM12E0	02	AQ162A	01	2	T04	D1		25A			
03481		XA126	71		XA126	53		168	9				AM12E0	03	AQ192A	01	1	TT3	F2		36A			
03482		XA126	53		XA126	41		168	9				AM12E0	04	AQ182A	01	3	TT3	E2		28B			
03483		XA126	41		XA125	41		168	9				AM12E0	05	AQ172A	01	3	TT3	D2		22B			
03484		XA125	41		XA125	29		168	9				AM12E0	06	AQ232A	01	3	TT3	D2		22B			
03485		XA125	29		XA125	17		168	9				AM12E0	07	AQ222A	01	3	TT3	C2		14B			
03486		XA125	17		XA125	05		168	9				AM12E0	08	AQ212A	01	3	TT3	B2		08B			
03487		XA125	05		XA114	45		168	9				AM12E0	09	AQ202A	01	1	TT3	A2		03B			
03488		XA114	45					168	9				AM12E0	10	AM12E0	00	1	TQ2	D3		24B	ARITH. CNTL 12 UN		
03489		XA123	03		XA124	03		168	9				AM12F0	01	AQ262A	01	3	TT3	A2		02A			
03490		XA124	03		XA124	14		168	9				AM12F0	02	AQ242A	01	3	TT3	A2		02A			
03491		XA124	14		XA123	14		168	9				AM12F0	03	AQ252A	01	2	TT3	B2		09A			
03492		XA123	14		XA123	29		168	9				AM12F0	04	AQ272A	01	2	TT3	B2		09A			
03493		XA123	29		XA123	41		168	9				AM12F0	05	AQ282A	01	3	TT3	C2		14B			
03494		XA123	41		XA123	53		168	9				AM12F0	06	AQ292A	01	3	TT3	D2		22B			
03495		XA123	53		XA123	71		168	9				AM12F0	07	AQ302A	01	3	TT3	E2		28B			
03496		XA123	71		XA114	51		168	9				AM12F0	08	AQ312A	01	1	TT3	F2		36A			
03497		XA114	51					168	9				AM12F0	09	AM12F0	00	1	TQ2	D4		27B	ARITH. CNTL 12 UN		
03498		XA213	73		XA212	56		168	9				AM15C0	01	AKY42A	01	1	TQ2	F2		36B			
03499		XA212	56		XA213	35		168	9				AM15C0	02	AKY43A	01	1	TT3	D1		26A			
03500		XA213	35		XA113	80		168	9				AM15C0	03	AKY12A	01	1	TQ2	C4		17B			
03501		XA113	80		XA114	71		168	9				AM15C0	04	AM15C0	00	1	TQ2	F4		39A	ARITH. CNTL 15 UN		
03502		XA114	71		XA115	08		168	9				AM15C0	05	AKY32A	01	2	TQ2	F2		36A			
03503		XA115	08					168	9				AM15C0	06	AKYC1A	01	2	TT3	A1		06A			
03504		XA349	77		XA350	76		168	9				AM21C0	01	AC074A	01	2	TT3	F1		38B			
03505		XA350	76		XA350	53		168	9				AM21C0	02	AC034A	01	2	TT3	F3		37A			
03506		XA350	53		XA350	54		168	9				AM21C0	03	AC024A	01	3	TT3	E2		28B			
03507		XA350	54		XA349	47		168	9				AM21C0	04	AC014A	01	2	TT3	D1		25A			
03508		XA349	47		XA349	29		168	9				AM21C0	05	AC064A	01	2	TT3	D3		25B			
03509		XA349	29		XA349	24		168	9				AM21C0	06	AC054A	01	3	TT3	C2		14B			
03510		XA349	24		XA350	09		168	9				AM21C0	07	AC044A	01	2	TT3	B1		13A			
03511		XA350	09		XA245	73		168	9				AM21C0	08	ACSE4A	01	1	TT3	A3		04B			
03512		XA245	73		XA244	75		168	9				AM21C0	09	AC004A	01	1	T04	F2		36B			
03513		XA244	75					168	9				AM21C0	10	AM21C0	00	1	TQ2	F1		37B	ARITH. CNTL 01 UN		
03514		XA348	76		XA348	53		168	9				AM21D0	01	AC124A	01	2	TT3	F3		37A			
03515		XA348	53		XA348	54		168	9				AM21D0	02	AC114A	01	3	TT3	E2		28B			
03516		XA348	54		XA344	47		168	9				AM21D0	03	AC104A	01	2	TT3	D1		25A			
03517		XA344	47		XA344	29		168	9				AM21D0	04	AC154A	01	2	TT3	D3		25B			
03518		XA344	29		XA344	24		168	9				AM21D0	05	AC144A	01	3	TT3	C2		14B			
03519		XA344	24		XA348	23		168	9				AM21D0	06	AC134A	01	2	TT3	B1		13A			
03520		XA348	23		XA348	03		168	9				AM21D0	07	AC094A	01	2	TT3	B3		11B			
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RECORD NUMBER	FROM			TO			# RE		MULTI GROUP	COLOR	IDENT	SIGNAL	CNO NO	EQUATION	TENS	FACTOR	CMT LVD TYPE	POP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	1	2														
03521		XA348	03		XA244	72		16B	9			AM21D0	08	AC084A	01	3	TT3	A2		02A		
03522		XA244	72					16B	9			AM21D0	09	AM21D0	00	1	TQ2	F2		34A	ARITH. CNTL 01 UN	
03523		XA344	75		XA244	69		16B	9			AM21E0	01	AC164A	01	3	TT3	F1		37B		
03524		XA244	69		XA249	75		16B	9			AM21E0	02	AM21E0	00	1	TQ2	F3		35A	ARITH. CNTL 01 UN	
03525		XA249	75		XA248	53		16B	9			AM21E0	03	AC194A	01	3	TT3	F1		37B		
03526		XA248	53		XA248	54		16B	9			AM21E0	04	AC234A	01	3	TT3	E2		28B		
03527		XA248	54		XA249	47		16B	9			AM21E0	05	AC224A	01	2	TT3	D1		25A		
03528		XA249	47		XA249	30		16B	9			AM21E0	06	AC184A	01	2	TT3	D3		25B		
03529		XA249	30		XA248	23		16B	9			AM21E0	07	AC174A	01	2	TT3	C2		15A		
03530		XA248	23		XA248	01		16B	9			AM21E0	08	AC214A	01	2	TT3	B3		11B		
03531		XA248	01					16B	9			AM21E0	09	AC204A	01	2	TT3	A2		02B		
03532		XA247	18		XA246	24		16B	9			AM21F0	01	AC254A	01	1	TT3	B2		10A		
03533		XA246	24		XA246	29		16B	9			AM21F0	02	AC294A	01	2	TT3	B1		13A		
03534		XA246	29		XA247	37		16B	9			AM21F0	03	AC304A	01	3	TT3	C2		14B		
03535		XA247	37		XA245	49		16B	9			AM21F0	04	AC264A	01	3	TT3	C3		18B		
03536		XA245	49		XA247	68		16B	9			AM21F0	05	AC314A	01	4	T04	D1		26B		
03537		XA247	68		XA247	65		16B	9			AM21F0	06	AC274A	01	2	TT3	E1		32A		
03538		XA247	65		XA248	76		16B	9			AM21F0	07	AC284A	01	3	TT3	F2		34B		
03539		XA248	76		XA244	80		16B	9			AM21F0	08	AC244A	01	2	TT3	F3		37A		
03540		XA244	80		XA242	77		16B	9			AM21F0	09	AM21F0	00	1	TQ2	F4		39A	ARITH. CNTL 01 UN	
03541		XA242	77					16B	9			AM21F0	10	AC315A	01	2	TS8	F1		38B		
03542		XA129	03		XA128	13		16B	9			AM30C0	01	AQ003A	01	3	TT3	A2		02A		
03543		XA128	13		XA128	25		16B	9			AM30C0	02	AQ063A	01	3	TT3	A3		06B		
03544		XA128	25		XA129	25		16B	9			AM30C0	03	AQ073A	01	3	TT3	B3		12B		
03545		XA129	25		XA129	33		16B	9			AM30C0	04	AQ013A	01	3	TT3	B3		12B		
03546		XA129	33		XA129	45		16B	9			AM30C0	05	AQ023A	01	1	TT3	C3		16B		
03547		XA129	45		XA129	57		16B	9			AM30C0	06	AQ033A	01	1	TT3	D3		24B		
03548		XA129	57		XA129	69		16B	9			AM30C0	07	AQ043A	01	1	TT3	E3		30B		
03549		XA129	69		XA113	52		16B	9			AM30C0	08	AQ053A	01	1	TT3	F3		35A		
03550		XA113	52					16B	9			AM30C0	09	AM30C0	00	1	TQ2	D1		24A	ARITH. CNTL 10 UN	
03551		XA127	11		XA126	13		16B	9			AM30D0	01	AQ103A	01	2	TT3	A3		05B		
03552		XA126	13		XA126	21		16B	9			AM30D0	02	AQ143A	01	3	TT3	A3		06B		
03553		XA126	21		XA127	23		16B	9			AM30D0	03	AQ153A	01	1	TT3	B3		10B		
03554		XA127	23		XA127	33		16B	9			AM30D0	04	AQ113A	01	2	TT3	B3		11B		
03555		XA127	33		XA128	37		16B	9			AM30D0	05	AQ123A	01	1	TT3	C3		16B		
03556		XA128	37		XA128	45		16B	9			AM30D0	06	AQ083A	01	3	TT3	C3		18B		
03557		XA128	45		XA127	45		16B	9			AM30D0	07	AQ093A	01	1	TT3	D3		24B		
03558		XA127	45		XA113	46		16B	9			AM30D0	08	AQ133A	01	1	TT3	D3		24B		
03559		XA113	46					16B	9			AM30D0	09	AM30D0	00	1	TQ2	D2		21A	ARITH. CNTL 10 UN	
03560		XA131	43		XA126	69		16B	9			AM30E0	01	AQ163A	01	4	T04	D2		23B		
03561		XA126	69		XA126	57		16B	9			AM30E0	02	AQ193A	01	1	TT3	F3		35A		
03562		XA126	57		XA126	49		16B	9			AM30E0	03	AQ183A	01	1	TT3	E3		30B		
03563		XA126	49		XA125	37		16B	9			AM30E0	04	AQ173A	01	3	TT3	D3		26B		
03564		XA125	37		XA126	29		16B	9			AM30E0	05	AQ223A	01	3	TT3	C3		18B		
03565		XA126	29		XA125	49		16B	9			AM30E0	06	AQ165A	01	3	TT3	C2		14B		
								****		SIGNAL		AM30E0		S ON THE		NEXT PAGE		****				

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RECORD NUMBER	FROM				TO				WIRE				SFC 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		
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT														
03566		XA125	49		XA125	23				168	9		AM30E0	07	AQ233A	01	3	TT3	D3		26B					
03567		XA125	23		XA125	11				168	9		AM30E0	08	AQ213A	01	2	TT3	B3		11B					
03568		XA125	11		XA113	45				168	9		AM30E0	09	AQ203A	01	2	TT3	A3		05B					
03569		XA113	45							168	9		AM30E0	10	AM30E0	00	1	TQ2	D3		24B	ARITH. CNTL 10 UN				
03570		XA132	56		XA132	55				168	9		AM30F0	01	AQ314A	01	1	TS8	D1		26A					
03571		XA132	55		XA123	57				168	9		AM30F0	02	AQ317A	01	7	YS8	E1		29B					
03572		XA123	57		XA123	45				168	9		AM30F0	03	AQ303A	01	1	TT3	E3		30B					
03573		XA123	45		XA123	33				168	9		AM30F0	04	AQ293A	01	1	TT3	D3		24B					
03574		XA123	33		XA123	25				168	9		AM30F0	05	AQ283A	01	1	TT3	C3		16B					
03575		XA123	25		XA124	21				168	9		AM30F0	06	AQ273A	01	3	TT3	B3		12B					
03576		XA124	21		XA124	13				168	9		AM30F0	07	AQ253A	01	1	TT3	B3		10B					
03577		XA124	13		XA123	11				168	9		AM30F0	08	AQ243A	01	3	TT3	A3		06B					
03578		XA123	11		XA113	51				168	9		AM30F0	09	AQ263A	01	2	TT3	A3		05B					
03579		XA113	51							168	9		AM30F0	10	AM30F0	00	1	TQ2	D4		27B	ARITH. CNTL 10 UN				
03580		XA349	68		XA350	59				168	9		AM51CA	01	AC071A	01	2	TT3	E1		32A					
03581		XA350	59		XA350	41				168	9		AM51CA	02	AC031A	01	2	TT3	E3		31B					
03582		XA350	41		XA350	40				168	9		AM51CA	03	AC021A	01	3	TT3	D2		22B					
03583		XA350	40		XA349	35				168	9		AM51CA	04	AC011A	01	2	TT3	C1		19A					
03584		XA349	35		XA350	22				168	9		AM51CA	05	AC061A	01	2	TT3	C3		17B					
03585		XA350	22		XA350	18				168	9		AM51CA	06	ACSE5A	01	3	TT3	B1		12A					
03586		XA350	18		XA349	17				168	9		AM51CA	07	AC001A	01	1	TT3	B2		10A					
03587		XA349	17		XA349	10				168	9		AM51CA	08	AC051A	01	3	TT3	B2		08B					
03588		XA349	10		XA245	77				168	9		AM51CA	09	AC041A	01	1	TT3	A1		07A					
03589		XA245	77		XA243	66				168	9		AM51CA	10	ACSE1A	01	2	TQ4	F1		38B					
03590		XA243	66							168	9		AM51CA	11	AM51CA	00	1	TQ2	E1		31A	ARITH. CNTL 01 UN				
03591		XA349	72		XA348	59				168	9		AM51DA	01	AC081A	01	2	TT3	F2		34A					
03592		XA348	59		XA348	41				168	9		AM51DA	02	AC121A	01	2	TT3	E3		31B					
03593		XA348	41		XA348	40				168	9		AM51DA	03	AC111A	01	3	TT3	D2		22B					
03594		XA348	40		XA344	35				168	9		AM51DA	04	AC101A	01	2	TT3	C1		19A					
03595		XA344	35		XA344	17				168	9		AM51DA	05	AC151A	01	2	TT3	C3		17B					
03596		XA344	17		XA344	08				168	9		AM51DA	06	AC141A	01	3	TT3	B2		08B					
03597		XA344	08		XA348	11				168	9		AM51DA	07	AC131A	01	2	TT3	A1		06A					
03598		XA348	11		XA243	60				168	9		AM51DA	08	AC091A	01	2	TT3	A3		05B					
03599		XA243	60		XA249	13				168	9		AM51DA	09	AM51DA	00	1	TQ2	E2		28A	ARITH. CNTL 01 UN				
03600		XA249	13							168	9		AM51DA	10	AC158A	01	3	TT3	A3		06B					
03601		XA344	66		XA243	57				168	9		AM51EA	01	AC161A	01	3	TT3	E1		31A					
03602		XA243	57		XA249	65				168	9		AM51EA	02	AM51EA	00	1	TQ2	E3		30B	ARITH. CNTL 01 UN				
03603		XA249	65		XA249	68				168	9		AM51EA	03	AC201A	01	3	TT3	F2		34B					
03604		XA249	68		XA248	41				168	9		AM51EA	04	AC191A	01	2	TT3	E1		32A					
03605		XA248	41		XA248	40				168	9		AM51EA	05	AC231A	01	3	TT3	D2		22B					
03606		XA248	40		XA249	35				168	9		AM51EA	06	AC221A	01	2	TT3	C1		19A					
03607		XA249	35		XA249	14				168	9		AM51EA	07	AC181A	01	2	TT3	C3		17B					
03608		XA249	14		XA248	11				168	9		AM51EA	08	AC171A	01	2	TT3	B2		09A					
03609		XA248	11		XA247	08				168	9		AM51EA	09	AC211A	01	2	TT3	A3		05B					
03610		XA247	08							168	9		AM51EA	10	AC238A	01	2	TT3	A1		06A					
													****	SIGNAL	AM51FA	IS ON THE NEXT PAGE										****

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDEN											
03611		XA247	03		XA246	08		168	9			AM51FA	01	AC251A	01	3	TT3	A2	02A		
03612		XA246	08		XA246	17		168	9			AM51FA	02	AC291A	01	2	TT3	A1	06A		
03613		XA246	17		XA247	25		168	9			AM51FA	03	AC301A	01	3	TT3	B2	08B		
03614		XA247	25		XA246	37		168	9			AM51FA	04	AC261A	01	3	TT3	B3	12B		
03615		XA246	37		XA246	45		168	9			AM51FA	05	AC311A	01	3	TT3	C3	18B		
03616		XA246	45		XA247	54		168	9			AM51FA	06	AC318A	01	1	TT3	D3	24B		
03617		XA247	54		XA247	53		168	9			AM51FA	07	AC271A	01	2	TT3	D1	25A		
03618		XA247	53		XA248	57		168	9			AM51FA	08	AC281A	01	3	TT3	E2	28B		
03619		XA248	57		XA243	63		168	9			AM51FA	09	AC241A	01	1	TT3	E3	30B		
03620		XA243	63					168	9			AM51FA	10	AM51FA	00	1	TQ2	E4	33B	ARITH. CNTL 01 UN	
03621		XA350	71		XA350	68		168	9			AM53CA	01	AC033A	01	1	TT3	F2	36A		
03622		XA350	68		XA349	59		168	9			AM53CA	02	AC023A	01	2	TT3	E1	32A		
03623		XA349	59		XA349	41		168	9			AM53CA	03	AC073A	01	2	TT3	E3	31B		
03624		XA349	41		XA349	40		168	9			AM53CA	04	AC063A	01	3	TT3	D2	22B		
03625		XA349	40		XA350	35		168	9			AM53CA	05	AC053A	01	2	TT3	C1	19A		
03626		XA350	35		XA349	11		168	9			AM53CA	06	AC013A	01	2	TT3	C3	17B		
03627		XA349	11		XA350	03		168	9			AM53CA	07	AC043A	01	2	TT3	A3	05B		
03628		XA350	03		XA243	22		168	9			AM53CA	08	AC033A	01	3	TT3	A2	02A		
03629		XA243	22		XA242	20		168	9			AM53CA	09	AM53CA	00	1	TQ2	B1	12A	ARITH. CNTL 03 UN	
03630		XA242	20					168	9			AM53CA	10	AC003A	01	4	TS8	B1	11A		
03631		XA348	71		XA348	68		168	9			AM53DA	01	AC123A	01	1	TT3	F2	36A		
03632		XA348	68		XA344	41		168	9			AM53DA	02	AC113A	01	2	TT3	E1	32A		
03633		XA344	41		XA344	40		168	9			AM53DA	03	AC153A	01	3	TT3	D2	22B		
03634		XA344	40		XA348	35		168	9			AM53DA	04	AC143A	01	2	TT3	C1	19A		
03635		XA348	35		XA348	17		168	9			AM53DA	05	AC103A	01	2	TT3	C3	17B		
03636		XA348	17		XA348	08		168	9			AM53DA	06	AC093A	01	3	TT3	B2	08B		
03637		XA348	08		XA344	09		168	9			AM53DA	07	AC083A	01	2	TT3	A1	06A		
03638		XA344	09		XA243	14		168	9			AM53DA	08	AC133A	01	1	TT3	A3	04B		
03639		XA243	14		XA245	08		168	9			AM53DA	09	AM53DA	00	1	TQ2	B2	09A	ARITH. CNTL 03 UN	
03640		XA245	08					168	9			AM53DA	10	ACAQCA	01	2	TQ4	A1	06A		
03641		XA344	61		XA248	70		168	9			AM53EA	01	AC163A	01	3	TT3	E3	32B		
03642		XA248	70		XA249	59		168	9			AM53EA	02	AC233A	01	1	TT3	E1	33A		
03643		XA249	59		XA249	41		168	9			AM53EA	03	AC193A	01	2	TT3	E3	31B		
03644		XA249	41		XA249	40		168	9			AM53EA	04	AC183A	01	3	TT3	D2	22B		
03645		XA249	40		XA248	35		168	9			AM53EA	05	AC173A	01	2	TT3	C1	19A		
03646		XA248	35		XA248	17		168	9			AM53EA	06	AC223A	01	2	TT3	C3	17B		
03647		XA248	17		XA248	10		168	9			AM53EA	07	AC213A	01	3	TT3	B2	08B		
03648		XA248	10		XA243	21		168	9			AM53EA	08	AC203A	01	1	TT3	A1	07A		
03649		XA243	21					168	9			AM53EA	09	AM53EA	00	1	TQ2	B3	10B	ARITH. CNTL 03 UN	
03650		XA247	77		XA248	72		168	9			AM53FA	01	AC283A	01	2	TT3	F1	38B		
03651		XA248	72		XA247	47		168	9			AM53FA	02	AC243A	01	2	TT3	F2	34A		
03652		XA247	47		XA246	41		168	9			AM53FA	03	AC273A	01	2	TT3	D3	25B		
03653		XA246	41		XA246	40		168	9			AM53FA	04	AC313A	01	3	TT3	D2	22B		
03654		XA246	40		XA247	30		168	9			AM53FA	05	AC303A	01	2	TT3	C1	19A		
03655		XA247	30		XA247	24		168	9			AM53FA	06	AC263A	01	2	TT3	C2	15A		
03656		XA247	24		XA246	13		168	9			AM53FA	07	AC253A	01	2	TT3	B1	13A		
								****			SIGNAL	AM53FA		S ON THE			NEXT PAGE	****			



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	QUANT	LOAD OR POWER PLANE	TEST POINTS (END OF)	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	W/S	PREFIX	CONNECTOR	PIN	W/S	MULTI GROUP	CODE	COLOR	IDENT											
03657		XA246	13			XA243	27			16B	9		AM53FA	08	AC293A	01	3	TT3	A3		06B		
03658		XA243	27							16B	9		AM53FA	09	AM53FA	00	1	TQ2	B4		13B	ARITH. CNTL 03 UN	
03659		XA128	10			XA129	10			16B	9		AM60CA	01	AQ061A	01	1	TT3	A1		07A		
03660		XA129	10			XA129	22			16B	9		AM60CA	02	AQ001A	01	1	TT3	A1		07A		
03661		XA129	22			XA128	26			16B	9		AM60CA	03	AQ011A	01	3	TT3	B1		12A		
03662		XA128	26			XA129	42			16B	9		AM60CA	04	AQ071A	01	1	TT3	B1		14A		
03663		XA129	42			XA129	56			16B	9		AM60CA	05	AQ021A	01	1	TT3	C1		20A		
03664		XA129	56			XA129	70			16B	9		AM60CA	06	AQ031A	01	1	TT3	D1		26A		
03665		XA129	70			XA129	77			16B	9		AM60CA	07	AQ041A	01	1	TT3	E1		33A		
03666		XA129	77			XA114	66			16B	9		AM60CA	08	AQ051A	01	2	TT3	F1		38B		
03667		XA114	66							16B	9		AM60CA	09	AM60CA	00	1	TQ2	E1		31A	ARITH. CNTL 10 UN	
03668		XA126	10			XA127	10			16B	9		AM60DA	01	AQ141A	01	1	TT3	A1		07A		
03669		XA127	10			XA127	22			16B	9		AM60DA	02	AQ101A	01	1	TT3	A1		07A		
03670		XA127	22			XA126	26			16B	9		AM60DA	03	AQ111A	01	3	TT3	B1		12A		
03671		XA126	26			XA127	38			16B	9		AM60DA	04	AQ151A	01	1	TT3	B1		14A		
03672		XA127	38			XA128	42			16B	9		AM60DA	05	AQ121A	01	3	TT3	C1		18A		
03673		XA128	42			XA128	52			16B	9		AM60DA	06	AQ081A	01	1	TT3	C1		20A		
03674		XA128	52			XA127	54			16B	9		AM60DA	07	AQ091A	01	3	TT3	D1		24A		
03675		XA127	54			XA114	60			16B	9		AM60DA	08	AQ131A	01	2	TT3	D1		25A		
03676		XA114	60							16B	9		AM60DA	09	AM60DA	00	1	TQ2	E2		28A	ARITH. CNTL 10 UN	
03677		XA125	10			XA125	26			16B	9		AM60EA	01	AQ201A	01	1	TT3	A1		07A		
03678		XA125	26			XA125	38			16B	9		AM60EA	02	AQ211A	01	1	TT3	B1		14A		
03679		XA125	38			XA126	42			16B	9		AM60EA	03	AQ221A	01	3	TT3	C1		18A		
03680		XA126	42			XA126	52			16B	9		AM60EA	04	AQ161A	01	1	TT3	C1		20A		
03681		XA126	52			XA125	56			16B	9		AM60EA	05	AQ171A	01	3	TT3	D1		24A		
03682		XA125	56			XA126	70			16B	9		AM60EA	06	AQ231A	01	1	TT3	D1		26A		
03683		XA126	70			XA126	77			16B	9		AM60EA	07	AQ181A	01	1	TT3	E1		33A		
03684		XA126	77			XA114	57			16B	9		AM60EA	08	AQ191A	01	2	TT3	F1		38B		
03685		XA114	57							16B	9		AM60FA	09	AM60EA	00	1	TQ2	E3		30B	ARITH. CNTL 10 UN	
03686		XA123	08			XA124	10			16B	9		AM60FA	01	AQ261A	01	2	TT3	A1		06A		
03687		XA124	10			XA124	22			16B	9		AM60FA	02	AQ241A	01	1	TT3	A1		07A		
03688		XA124	22			XA123	26			16B	9		AM60FA	03	AQ251A	01	3	TT3	B1		12A		
03689		XA123	26			XA123	42			16B	9		AM60FA	04	AQ271A	01	1	TT3	B1		14A		
03690		XA123	42			XA123	56			16B	9		AM60FA	05	AQ281A	01	1	TT3	C1		20A		
03691		XA123	56			XA123	70			16B	9		AM60FA	06	AQ291A	01	1	TT3	D1		26A		
03692		XA123	70			XA123	77			16B	9		AM60FA	07	AQ301A	01	1	TT3	E1		33A		
03693		XA123	77			XA114	63			16B	9		AM60FA	08	AQ311A	01	2	TT3	F1		38B		
03694		XA114	63							16B	9		AM60FA	09	AM60FA	00	1	TQ2	E4		33B	ARITH. CNTL 10 UN	
03695		XA129	01			XA128	11			16B	9		AM62CA	01	AQ003A	01	2	TT3	A2		02B		
03696		XA128	11			XA128	23			16B	9		AM62CA	02	AQ063A	01	2	TT3	A3		05B		
03697		XA128	23			XA129	23			16B	9		AM62CA	03	AQ073A	01	2	TT3	B3		11B		
03698		XA129	23			XA129	35			16B	9		AM62CA	04	AQ013A	01	2	TT3	B3		11B		
03699		XA129	35			XA129	47			16B	9		AM62CA	05	AQ023A	01	2	TT3	C3		17B		
03700		XA129	47			XA129	59			16B	9		AM62CA	06	AQ033A	01	2	TT3	D3		25B		
03701		XA129	59			XA129	76			16B	9		AM62CA	07	AQ043A	01	2	TT3	E3		31B		
										****		SIGNAL	AM62CA		IS ON THE						NEXT PAGE	****	

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR											
03702		XA129	76		XA113	66		16B	9		AM62CA	08	AQ053A	01	2	TT3	F3	37A	ARITH. CNTL 12 UN	
03703		XA113	66					16B	9		AM62CA	09	AM62CA	00	1	TQ2	E1	31A		
03704		XA127	13		XA126	11		16B	9		AM62DA	01	AQ103A	01	3	TT3	A3	06B		
03705		XA126	11		XA126	23		16B	9		AM62DA	02	AQ143A	01	2	TT3	A3	09B		
03706		XA126	23		XA127	25		16B	9		AM62DA	03	AQ153A	01	2	TT3	B3	11B		
03707		XA127	25		XA127	35		16B	9		AM62DA	04	AQ113A	01	3	TT3	B3	12B		
03708		XA127	35		XA128	35		16B	9		AM62DA	05	AQ123A	01	2	TT3	C3	17B		
03709		XA128	35		XA128	47		16B	9		AM62DA	06	AQ083A	01	2	TT3	C3	17B		
03710		XA128	47		XA127	47		16B	9		AM62DA	07	AQ093A	01	2	TT3	D3	25B		
03711		XA127	47		XA113	60		16B	9		AM62DA	08	AQ133A	01	2	TT3	D3	25B		
03712		XA113	60					16B	9		AM62DA	09	AM62DA	00	1	TQ2	E2	28A	ARITH. CNTL 12 UN	
03713		XA131	46		XA126	76		16B	9		AM62EA	01	AQ163A	01	3	T04	D2	21A		
03714		XA126	76		XA126	59		16B	9		AM62EA	02	AQ193A	01	2	TT3	F3	37A		
03715		XA126	59		XA126	47		16B	9		AM62EA	03	AQ183A	01	2	TT3	E3	31B		
03716		XA126	47		XA125	33		16B	9		AM62EA	04	AQ173A	01	2	TT3	D3	25B		
03717		XA125	33		XA125	21		16B	9		AM62EA	05	AQ223A	01	1	TT3	C3	16B		
03718		XA125	21		XA125	13		16B	9		AM62EA	06	AQ213A	01	1	TT3	B3	10B		
03719		XA125	13		XA125	47		16B	9		AM62EA	07	AQ203A	01	3	TT3	A3	06B		
03720		XA125	47		XA113	57		16B	9		AM62EA	08	AQ233A	01	2	TT3	D3	25B		
03721		XA113	57					16B	9		AM62EA	09	AM62EA	00	1	TQ2	E3	30B	ARITH. CNTL 12 UN	
03722		XA132	52		XA132	62		16B	9		AM62FA	01	AQ314A	01	3	TS8	D1	24A		
03723		XA132	62		XA123	59		16B	9		AM62FA	02	AQ317A	01	5	TS8	E1	29A		
03724		XA123	59		XA123	47		16B	9		AM62FA	03	AQ303A	01	2	TT3	E3	31B		
03725		XA123	47		XA123	35		16B	9		AM62FA	04	AQ293A	01	2	TT3	D3	25B		
03726		XA123	35		XA123	23		16B	9		AM62FA	05	AQ283A	01	2	TT3	C3	17B		
03727		XA123	23		XA124	23		16B	9		AM62FA	06	AQ273A	01	2	TT3	B3	11B		
03728		XA124	23		XA124	11		16B	9		AM62FA	07	AQ253A	01	2	TT3	B3	11B		
03729		XA124	11		XA123	13		16B	9		AM62FA	08	AQ243A	01	2	TT3	A3	05B		
03730		XA123	13		XA113	63		16B	9		AM62FA	09	AQ263A	01	3	TT3	A3	06B		
03731		XA113	63					16B	9		AM62FA	10	AM62FA	00	1	TQ2	F4	33B	ARITH. CNTL 12 UN	
03732		XA213	77		XA213	42		16B	9		AM65CA	01	AKY41A	01	2	TQ2	F1	38B		
03733		XA213	42		XA213	31		16B	9		AM65CA	02	AKYN1A	01	1	TQ2	C1	20A		
03734		XA213	31		XA114	69		16B	9		AM65CA	03	AKY11A	01	2	TQ2	C3	15B		
03735		XA114	69		XA111	24		16B	9		AM65CA	04	AM65CA	00	1	TQ2	F3	35A	ARITH. CNTL 15 UN	
03736		XA111	24		XA111	19		16B	9		AM65CA	05	AKY0CA	01	2	T04	B1	13A		
03737		XA111	19					16B	9		AM65CA	06	AKY31A	01	4	T04	B2	09B		
03738		XA350	77		XA349	53		16B	9		AM71CA	01	AC032A	01	2	TT3	F1	38B		
03739		XA349	53		XA349	54		16B	9		AM71CA	02	AC072A	01	3	TT3	E2	28B		
03740		XA349	54		XA350	47		16B	9		AM71CA	03	AC062A	01	2	TT3	D1	25A		
03741		XA350	47		XA350	34		16B	9		AM71CA	04	AC022A	01	2	TT3	D3	25B		
03742		XA350	34		XA350	23		16B	9		AM71CA	05	AC012A	01	1	TT3	C2	16A		
03743		XA350	23		XA349	23		16B	9		AM71CA	06	AC002A	01	2	TT3	B3	11B		
03744		XA349	23		XA350	06		16B	9		AM71CA	07	AC052A	01	2	TT3	B3	11B		
03745		XA350	06		XA349	05		16B	9		AM71CA	08	ACSE2A	01	3	TT3	A1	05A		
03746		XA349	05		XA243	75		16B	9		AM71CA	09	AC042A	01	1	TT3	A2	03B		
								****	SIGNAL		AM71CA		S ON THE	NEXT PAGE	****					

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CMT OF CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINT IDENT	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST. WIRE
03747		XA243	75			XA249	01			168	9		AM71CA	10	AM71CA	03	1	TQ2	F1		37B	ARITH. CNTL 01 UN		
03748		XA249	01							168	9		AM71CA	11	AC078A	01	2	TT3	A2		02B			
03749		XA349	76			XA348	77			168	9		AM71DA	01	AC082A	01	2	TT3	F3		37A			
03750		XA348	77			XA344	54			168	9		AM71DA	02	AC122A	01	2	TT3	F1		38B			
03751		XA344	54			XA348	47			168	9		AM71DA	03	AC152A	01	2	TT3	D1		25A			
03752		XA348	47			XA348	29			168	9		AM71DA	04	AC112A	01	2	TT3	D3		25B			
03753		XA348	29			XA348	24			168	9		AM71DA	05	AC102A	01	3	TT3	C2		14B			
03754		XA348	24			XA344	23			168	9		AM71DA	06	AC092A	01	2	TT3	B1		13A			
03755		XA344	23			XA344	03			168	9		AM71DA	07	AC142A	01	2	TT3	B3		11B			
03756		XA344	03			XA243	72			168	9		AM71DA	08	AC132A	01	3	TT3	A2		02A			
03757		XA243	72			XA249	06			168	9		AM71DA	09	AM71DA	00	1	TQ2	F2		34A	ARITH. CNTL 01 UN		
03758		XA249	06							168	9		AM71DA	10	AC076A	01	3	TT3	A1		05A			
03759		XA344	53			XA243	69			168	9		AM71EA	01	AC162A	01	3	TT3	E2		28B			
03760		XA243	69			XA249	53			168	9		AM71EA	02	AM71EA	00	1	TQ2	F3		35A	ARITH. CNTL 01 UN		
03761		XA249	53			XA249	54			168	9		AM71EA	03	AC192A	01	3	TT3	E2		28B			
03762		XA249	54			XA248	47			168	9		AM71EA	04	AC182A	01	2	TT3	D1		25A			
03763		XA248	47			XA248	29			168	9		AM71EA	05	AC232A	01	2	TT3	D3		25B			
03764		XA248	29			XA248	24			168	9		AM71EA	06	AC222A	01	3	TT3	C2		14B			
03765		XA248	24			XA249	23			168	9		AM71EA	07	AC212A	01	2	TT3	B1		13A			
03766		XA249	23			XA249	26			168	9		AM71EA	08	AC172A	01	2	TT3	B3		11B			
03767		XA249	26			XA245	30			168	9		AM71EA	09	AC176A	01	1	TT3	B1		14A			
03768		XA245	30							168	9		AM71EA	10	AC202A	01	3	TD4	C2		15A			
03769		XA246	01			XA247	11			168	9		AM71FA	01	AC292A	01	2	TT3	A2		02B			
03770		XA247	11			XA246	23			168	9		AM71FA	02	AC252A	01	2	TT3	A3		05B			
03771		XA246	23			XA247	40			168	9		AM71FA	03	AC302A	01	2	TT3	B3		11B			
03772		XA247	40			XA247	46			168	9		AM71FA	04	AC262A	01	2	TT3	C1		19A			
03773		XA247	46			XA246	54			168	9		AM71FA	05	AC272A	01	2	TT3	D2		21A			
03774		XA246	54			XA247	57			168	9		AM71FA	06	AC312A	01	2	TT3	D1		25A			
03775		XA247	57			XA246	69			168	9		AM71FA	07	AC282A	01	1	TT3	E3		30B			
03776		XA246	69			XA248	77			168	9		AM71FA	08	AC276A	01	1	TT3	F3		35A			
03777		XA248	77			XA243	80			168	9		AM71FA	09	AC242A	01	2	TT3	F1		38B			
03778		XA243	80							168	9		AM71FA	10	AM71FA	00	1	TQ2	F4		39A	ARITH. CNTL 01 UN		
03779		XA117	79			XA117	70			168	9		AQCPCB	01	AQ22BN	01	1	TDD	LN		39B	AQ GATED CLOCK BU		
03780		XA117	70			XA117	72			168	9		AQCPCB	02	AQ20BN	01	1	TDD	JN		33A	AQ GATED CLOCK BU		
03781		XA117	72			XA115	63			168	9		AQCPCB	03	AQ23BN	01	1	TDD	MN		34A	AQ GATED CLOCK BU		
03782		XA115	63			XA115	64			168	9	P	AQCPEA	04	AQCPCB	03	1	TT3	E3		33B	AQ GATED CLOCK GA		
03783		XA115	64			XA115	55			168	9	P	AQCPEA	05	AQCPCB	01	1	TT3	E1		30A	AQ GATED CLOCK GA		
03784		XA115	55			XA116	56			168	9	P	AQCPEA	06	AQCPCB	02	1	TT3	E2		29B	AQ GATED CLOCK GA		
03785		XA116	56			XA117	60			168	9		AQCPCB	07	AQ30BN	01	1	TDD	GN		26A	AQ GATED CLOCK BU		
03786		XA117	60			XA117	56			168	9		AQCPCB	08	AQ21BN	01	1	TDD	KN		28A	AQ GATED CLOCK BU		
03787		XA117	56			XA117	42			168	9		AQCPCB	09	AQ18BN	01	1	TDD	GN		26A	AQ GATED CLOCK BU		
03788		XA117	42			XA117	46			168	9		AQCPCB	10	AQ16BN	01	1	TDD	EN		20A	AQ GATED CLOCK BU		
03789		XA117	46			XA116	42			168	9		AQCPCB	11	AQ19BN	01	1	TDD	HN		21A	AQ GATED CLOCK BU		
03790		XA116	42			XA116	46			168	9		AQCPCB	12	AQ28BN	01	1	TDD	EN		20A	AQ GATED CLOCK BU		
03791		XA116	46			XA116	01			168	9		AQCPCB	13	AQ31BN	01	1	TDD	HN		21A	AQ GATED CLOCK BU		
03792		XA116	01			XA118	01			168	9		AQCPCB	14	AQ25BN	01	1	TDD	BN		02B	AQ GATED CLOCK BU		
										****		SIGNAL	AQCPCB		IS ON THE									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	LEN.												
03793		XA118	01		XA118	10		16B	9			AQCPCB	15	AQ018N	01	1	TDD	BN		02B	AQ GATED CLOCK BU	
03794		XA118	10		XA116	10		16B	9			AQCPCB	16	AQ008N	01	1	TDD	AN		07A	AQ GATED CLOCK BU	
03795		XA116	10		XA116	14		16B	9			AQCPCB	17	AQ248N	01	1	TDD	AN		07A	AQ GATED CLOCK BU	
03796		XA116	14		XA116	26		16B	9			AQCPCB	18	AQ278N	01	1	TDD	DN		09A	AQ GATED CLOCK BU	
03797		XA116	26		XA116	30		16B	9			AQCPCB	19	AQ268N	01	1	TDD	CN		14A	AQ GATED CLOCK BU	
03798		XA116	30		XA117	30		16B	9			AQCPCB	20	AQ298N	01	1	TDD	FN		15A	AQ GATED CLOCK BU	
03799		XA117	30		XA118	26		16B	9			AQCPCB	21	AQ178N	01	1	TDD	FN		15A	AQ GATED CLOCK BU	
03800		XA118	26					16B	9			AQCPCB	22	AQ028N	01	1	TDD	CN		14A	AQ GATED CLOCK BU	
03801		XA115	64									J AQCPCA	01	AQCPCA	00	1	TT3	E1		30A	AQCPCB BUSS	
03802		XA115	55									J AQCPEA	01	AQCPEA	00	1	TT3	E2		29B	AQCPCB BUSS	
03803		XA115	63									J AQCPCA	01	AQCPCA	00	1	TT3	E3		33B	AQCPCB BUSS	
03804		XA115	73		XA115	74		16B	9		P	AQCPCA	01	AQCPCA	01	1	TT3	F1		36B	AQ GATED CLOCK GA	
03805		XA115	74		XA117	01		16B	9		P	AQCPCA	02	AQCPCA	02	1	TT3	F2		35B	AQ GATED CLOCK GA	
03806		XA117	01		XA118	14		16B	9			AQCPCB	03	AQ138N	01	1	TDD	BN		02B	AQ GATED CLOCK BU	
03807		XA118	14		XA117	10		16B	9			AQCPCB	04	AQ038N	01	1	TDD	DN		09A	AQ GATED CLOCK BU	
03808		XA117	10		XA117	14		16B	9			AQCPCB	05	AQ128N	01	1	TDD	AN		07A	AQ GATED CLOCK BU	
03809		XA117	14		XA117	26		16B	9			AQCPCB	06	AQ158N	01	1	TDD	DN		09A	AQ GATED CLOCK BU	
03810		XA117	26		XA118	30		16B	9			AQCPCB	07	AQ148N	01	1	TDD	CN		14A	AQ GATED CLOCK BU	
03811		XA118	30		XA118	42		16B	9			AQCPCB	08	AQ058N	01	1	TDD	FN		15A	AQ GATED CLOCK BU	
03812		XA118	42		XA118	46		16B	9			AQCPCB	09	AQ048N	01	1	TDD	EN		20A	AQ GATED CLOCK BU	
03813		XA118	46		XA118	56		16B	9			AQCPCB	10	AQ078N	01	1	TDD	HN		21A	AQ GATED CLOCK BU	
03814		XA118	56		XA118	60		16B	9			AQCPCB	11	AQ068N	01	1	TDD	GN		26A	AQ GATED CLOCK BU	
03815		XA118	60		XA118	79		16B	9			AQCPCB	12	AQ098N	01	1	TDD	KN		28A	AQ GATED CLOCK BU	
03816		XA118	79		XA118	70		16B	9			AQCPCB	13	AQ108N	01	1	TDD	LN		39B	AQ GATED CLOCK BU	
03817		XA118	70		XA118	72		16B	9			AQCPCB	14	AQ088N	01	1	TDD	JN		33A	AQ GATED CLOCK BU	
03818		XA118	72					16B	9			AQCPCB	15	AQ118N	01	1	TDD	MN		34A	AQ GATED CLOCK BU	
03819		XA115	73									J AQCPCA	01	AQCPCA	00	1	TT3	F1		36B	AQCPCB BUSS	
03820		XA115	74									J AQCPCA	01	AQCPCA	00	1	TT3	F2		35B	AQCPCB BUSS	
03821		XA124	43		XA115	60		16B	9			AQCPCA	01	AQCPCA	00	1	TT3	D2		23B	DISABLE AQ CLOCK	
03822		XA115	60		XA115	57		16B	9			AQCPCA	02	AQCPCA	01	2	TT3	E2		28A		
03823		XA115	57		XA115	70		16B	9			AQCPCA	03	AQCPCA	01	1	TT3	E3		30B		
03824		XA115	70		XA115	71		16B	9			AQCPCA	04	AQCPCA	01	1	TT3	E1		33A		
03825		XA115	71		XA115	79		16B	9			AQCPCA	05	AQCPCA	01	1	TT3	F2		36A		
03826		XA115	79					16B	9			AQCPCA	06	AQCPCA	01	1	TT3	F1		39B		
03827		XA123	80		XA115	77		16B	9			AQCPCA	01	AQCPCA	00	1	TT3	F3		39A	CNDTNLY DISABLE A	
03828		XA115	77		XA115	65		16B	9			AQCPCA	02	AQCPCA	01	2	TT3	F1		38B		
03829		XA115	65		XA115	68		16B	9			AQCPCA	03	AQCPCA	01	3	TT3	F2		34B		
03830		XA115	68		XA115	59		16B	9			AQCPCA	04	AQCPCA	01	2	TT3	E1		32A		
03831		XA115	59		XA115	53		16B	9			AQCPCA	05	AQCPCA	01	2	TT3	E3		31B		
03832		XA115	53					16B	9			AQCPCA	06	AQCPCA	01	3	TT3	E2		28B		
03833		XA126	39		XA123	78		16B	9			AQCPCA	01	AQCPCA	00	1	TT3	C3		19B	CNDTNLY DISABLE A	
								****	SIGNAL			AQCPCA		IS ON THE					****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	T. R.	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECG NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
03834		XA123	78						168	9			AQCP40	02	AQCP2A	01	3	TT3	F3		38A		
03835		XA131	11		XA126	37			168	9			AQC20A	01	AQC20A	00	1	TD4	A1		05B	AQ CLOCK CODE 2 0	
03836		XA126	37						168	9			AQC20A	02	AQCP40	01	3	TT3	C3		18B		
03837		XA126	33		XA122	11			168	9			AQC30A	01	AQCP40	01	1	TT3	C3		16B		
03838		XA122	11						168	9			AQC30A	02	AQC30A	00	1	TS8	A1		05B	AQ CLOCK CODE 3 0	
03839		XA131	13		XA122	08			168	9			AQC40A	01	AQC20A	01	4	TD4	A1		06B		
03840		XA122	08		XA115	31			168	9			AQC40A	02	AQC30A	01	2	TS8	A1		06A		
03841		XA115	31						168	9			AQC40A	03	AQC40A	00	1	TT3	C2		15B	(SHIFT SINGLE LIN	
03842		XA126	35		XA115	39			168	9			AQC60A	01	AQCP40	01	2	TT3	C3		17B		
03843		XA115	39						168	9			AQC60A	02	AQC60A	00	1	TT3	C3		19B	AQ CLOCK CODE 6 0	
03846		XA241	73		XA115	33			168	9			AQC610	01	ACCP4A	01	4	TS8	F1		36B		
03847		XA115	33		XA113	06			168	9			AQC610	02	AQC60A	01	1	TT3	C3		16B		
03848		XA113	06						168	9			AQC610	03	AQC610	00	1	TQ2	A1		05A	AQ CLOCK CODE 6 D	
03849		XA131	09		XA113	08			168	9			AQC62A	01	AQC62A	00	1	TD4	A2		04B	NORMALIZE FULL CO	
03850		XA113	08						168	9			AQC62A	02	AQC610	01	2	TQ2	A1		06A		
21454		XA105	67		XA113	01			168	9			AQC63A	01				EXT					
03852		XA113	01		XA131	01			168	9			AQC63A	02	AQC63A	00	1	TQ2	A2		02B	AC NOT NORMALIZED	
03853		XA131	01						168	9			AQC63A	03	AQC62A	01	3	TD4	A2		02B		
21456		XA105	69		XA113	09			168	9			AQC64A	01				EXT					
03857		XA113	09		XA131	07			168	9			AQC64A	02	AQC64A	00	1	TQ2	A3		04B	AC NOT NORMALIZED	
03858		XA131	07						168	9			AQC64A	03	AQC62A	01	4	TD4	A2		03A		
03861		XA131	23		XA113	10			168	9			AQC65A	01	AQC65A	00	1	TD4	B1		11B	NORMALIZE HALF CO	
03862		XA113	10						168	9			AQC65A	02	AQC610	01	1	TQ2	A1		07A		
21458		XA105	71		XA113	15			168	9			AQC66A	01				EXT					
03864		XA113	15		XA131	22			168	9			AQC66A	02	AQC66A	00	1	TQ2	A4		07B	AQL NOT NORMALIZE	
03865		XA131	22						168	9			AQC66A	03	AQC65A	01	3	TD4	B1		12A		
21460		XA105	73		XA113	22			168	9			AQC67A	01				EXT					
03869		XA113	22		XA131	24			168	9			AQC67A	02	AQC67A	00	1	TQ2	B1		12A	AQL NOT NORMALIZE	
03870		XA131	24						168	9			AQC67A	03	AQC65A	01	2	TD4	B1		13A		
03873		XA129	75		XA129	68			168	9			AQDBCO	01	AQ051A	01	3	TT3	F1		37B		
03874		XA129	68		XA129	54			168	9			AQDBCO	02	AQ041A	01	2	TT3	E1		32A		
03875		XA129	54		XA129	40			168	9			AQDBCO	03	AQ031A	01	2	TT3	D1		25A		
03876		XA129	40		XA128	24			168	9			AQDBCO	04	AQ021A	01	2	TT3	C1		19A		
03877		XA128	24		XA129	24			168	9			AQDBCO	05	AQ071A	01	2	TT3	B1		13A		
03878		XA129	24		XA129	08			168	9			AQDBCO	06	AQ011A	01	2	TT3	B1		13A		
03879		XA129	08		XA128	08			168	9			AQDBCO	07	AQ001A	01	2	TT3	A1		06A		
03880		XA128	08		XA114	06			168	9			AQDBCO	08	AQ061A	01	2	TT3	A1		06A		
03881		XA114	06						168	9			AQDBCO	09	AQDBCO	00	1	TQ2	A1		05A	DATA BUS TO AQ 00	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
03882		XAI27	56		XAI28	54		168	9				AQDBD0	01	AQ131A	01	1	TT3	D1		26A			
03883		XAI28	54		XAI28	40		168	9				AQDBD0	02	AQ091A	01	2	TT3	D1		25A			
03884		XAI28	40		XAI27	40		168	9				AQDBD0	03	AQ081A	01	2	TT3	C1		19A			
03885		XAI27	40		XAI26	24		168	9				AQDBD0	04	AQ121A	01	2	TT3	C1		19A			
03886		XAI26	24		XAI27	24		168	9				AQDBD0	05	AQ151A	01	2	TT3	B1		13A			
03887		XAI27	24		XAI27	08		168	9				AQDBD0	06	AQ111A	01	2	TT3	B1		13A			
03888		XAI27	08		XAI26	08		168	9				AQDBD0	07	AQ101A	01	2	TT3	A1		06A			
03889		XAI26	08		XAI14	01		168	9				AQDBD0	08	AQ141A	01	2	TT3	A1		06A			
03890		XAI14	01					168	9				AQDBD0	09	AQDBD0	00	1	TQ2	A2		02B		DATA BUS TO AQ 08	
03891		XAI26	75		XAI26	68		168	9				AQDBE0	01	AQ191A	01	3	TT3	F1		37B			
03892		XAI26	68		XAI25	54		168	9				AQDBE0	02	AQ181A	01	2	TT3	E1		32A			
03893		XAI25	54		XAI26	54		168	9				AQDBE0	03	AQ231A	01	2	TT3	D1		25A			
03894		XAI26	54		XAI26	40		168	9				AQDBE0	04	AQ171A	01	2	TT3	D1		25A			
03895		XAI26	40		XAI25	40		168	9				AQDBE0	05	AQ161A	01	2	TT3	C1		19A			
03896		XAI25	40		XAI25	24		168	9				AQDBE0	06	AQ221A	01	2	TT3	C1		19A			
03897		XAI25	24		XAI25	08		168	9				AQDBE0	07	AQ211A	01	2	TT3	B1		13A			
03898		XAI25	08		XAI14	09		168	9				AQDBE0	08	AQ201A	01	2	TT3	A1		06A			
03899		XAI14	09					168	9				AQDBE0	09	AQDBE0	00	1	TQ2	A3		04B		DATA BUS TO AQ 16	
03900		XAI23	75		XAI23	68		168	9				AQDBF0	01	AQ311A	01	3	TT3	F1		37B			
03901		XAI23	68		XAI23	54		168	9				AQDBF0	02	AQ301A	01	2	TT3	E1		32A			
03902		XAI23	54		XAI23	40		168	9				AQDBF0	03	AQ291A	01	2	TT3	D1		25A			
03903		XAI23	40		XAI24	26		168	9				AQDBF0	04	AQ281A	01	2	TT3	C1		19A			
03904		XAI24	26		XAI23	22		168	9				AQDBF0	05	AQ251A	01	1	TT3	B1		14A			
03905		XAI23	22		XAI23	10		168	9				AQDBF0	06	AQ271A	01	3	TT3	B1		12A			
03906		XAI23	10		XAI24	06		168	9				AQDBF0	07	AQ261A	01	1	TT3	A1		07A			
03907		XAI24	06		XAI14	15		168	9				AQDBF0	08	AQ241A	01	3	TT3	A1		05A			
03908		XAI14	15					168	9				AQDBF0	09	AQDBF0	00	1	TQ2	A4		07B		DATA BUS TO AQ 24	
03909		XAI15	50		XAI14	10		168	9				AQDB0A	01	AQDB0A	00	1	TT3	D1		23A		DATA BUS TO AQ CO	
03910		XAI14	10		XAI14	13		168	9				AQDB0A	02	AQDB0A	01	1	TQ2	A1		07A			
03911		XAI14	13		XAI14	05		168	9				AQDB0A	03	AQDB0A	01	2	TQ2	A4		06B			
03912		XAI14	05		XAI14	07		168	9				AQDB0A	04	AQDB0A	01	2	TQ2	A2		03B			
03913		XAI14	07					168	9				AQDB0A	05	AQDB0A	01	2	TQ2	A3		03A			
03914		XAI24	51		XAI15	56		168	9				AQDB1A	01	AQDB1A	00	1	TT3	D3		27B		DATA BUS TO AQ CO	
03915		XAI15	56					168	9				AQDB1A	02	AQDB0A	01	1	TT3	D1		26A			
03916		XAI32	54		XAI15	43		168	9				AQLS1A	01	AQ314A	01	2	TS8	D1		25A			
03917		XAI15	43					168	9				AQLS1A	02	AQLS1A	00	1	TT3	D2		23B		AC 00 TO AQ 31	
03918		XAI32	46		XAI13	14		168	9				AQLS2A	01	AQ314A	01	6	TS8	D1		21A			
03919		XAI13	14					168	9				AQLS2A	02	AQLS2A	00	1	TQ2	B2		09A		AC 31 TO AQ 31	
03920		XAI32	50		XAI31	21		168	9				AQLS3A	01	AQ314A	01	4	TS8	D1		23A			
03921		XAI31	21					168	9				AQLS3A	02	AQLS3A	00	1	TD4	B2		10B		AQ 00 TO AQ 31	
													****	SIGNAL	AQLS4A								IS ON THE NEXT PAGE ****	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO
03922		XA132	43			XA113	21							AQLS4A	01	AQ314A	01	7	TS8	D1	23B			
03923		XA113	21											AQLS4A	02	AQLS4A	00	1	TQ2	B3	10B		AQ 16 TO AQ 31	
03924		XA114	24			XA113	27							AQLS5A	01	AQLS50	01	2	TQ2	B1	13A			
03925		XA113	27											AQLS5A	02	AQLS5A	00	1	TQ2	B4	13B		SHIFT AQ FULL CIR	
03926		XA132	49			XA114	22							AQLS50	01	AQ314A	01	8	TS8	D1	26B			
03927		XA114	22											AQLS50	02	AQLS50	00	1	TQ2	B1	12A		SHIFT AQ FULL CIR	
21463		XA105	55			XA111	30							AQ00BP	01				EXT					
03931		XA111	30			XA114	20							AQ00BP	02	AKDM2A	01	3	TD4	C2	15A			
03932		XA114	20			XA118	11							AQ00BP	03	AQ00C0	01	1	TQ2	B2	11A			
03933		XA118	11			XA131	20							AQ00BP	04	AQ00BP	00	1	TQ2	B2	05B		AQ00 - CLEAR	
03934		XA131	20			XA231	46							AQ00BP	05	AQLS3A	01	1	TD4	B2	11A			
03935		XA231	46			XA244	50							AQ00BP	06	ACC62A	01	2	TT3	D2	21A			
03936		XA244	50											AQ00BP	07	ACPS2A	01	1	TQ2	D2	23A			
21464		XA105	57			XA118	13							AQ00BQ	01				EXT					
03938		XA118	13			XA129	14							AQ00BQ	02	AQ00BQ	00	1	TD4	AQ	06B		AQ 00 - PRESET	
03939		XA129	14			XA245	56							AQ00BQ	03	AQ012A	01	2	TT3	B2	09A			
03940		XA245	56			XA321	76							AQ00BQ	04	AC314A	01	1	TD4	D1	26A			
03941		XA321	76											AQ00BQ	05	DA00Q0	01	1	TLD	F4	37A			
03950		XA246	47			XA247	10							AQ00C0	01	AC318A	01	2	TT3	D3	25B			
03951		XA247	10			XA249	11							AQ00C0	02	AC238A	01	1	TT3	A1	07A			
03952		XA249	11			XA249	03							AQ00C0	03	AC158A	01	2	TT3	A3	05B			
03953		XA249	03			XA114	14							AQ00C0	04	AC078A	01	3	TT3	A2	02A			
03954		XA114	14											AQ00C0	05	AQ00C0	00	1	TQ2	B2	09A		AQ 00 UNLOAD GATE	
03955		XA131	38			XA129	04							AQ001A	01	AQ0090	01	3	TD4	C1	18A			
03956		XA129	04											AQ001A	02	AQ001A	00	1	TT3	A1	04A		BUS TO AQ REG. -	
03957		XA132	11			XA131	40							AQ002A	01	AQ002A	00	1	TS8	A1	05B		AC 31 TO AQ 00	
03958		XA131	40											AQ002A	02	AQ0090	01	2	TD4	C1	19A			
03959		XA131	37			XA129	07							AQ003A	01	AQ0090	01	4	TD4	C1	18B			
03960		XA129	07											AQ003A	02	AQ003A	00	1	TT3	A2	03A		AQ LEFT SHIFT 01	
03961		XA132	23			XA131	42							AQ004A	01	AQ004A	00	1	TS8	B1	11B		AQ 31 TO AQ 00	
03962		XA131	42											AQ004A	02	AQ0090	01	1	TD4	C1	20A			
03963		XA131	35			XA118	08							AQ0090	01	AQ0090	00	1	TD4	C1	17B		AQ 00 DATA INPUT	
03964		XA118	08											AQ0090	02	AQ00B1	01	1	TD4	A1	06A			
03967		XA217	75			XA118	09							AQ01BP	01	AD31E7	01	3	TAD	F7	37B			
03968		XA118	09											AQ01BP	02	AQ01BP	00	1	TD4	BP	04B		AQ 01 - CLEAR	
03969		XA321	74			XA129	30							AQ01BQ	01	DA01Q0	01	2	TLD	F3	35B			
03970		XA129	30			XA129	05							AQ01BQ	02	AQ022A	01	2	TT3	C2	15A			
03971		XA129	05			XA118	07							AQ01BQ	03	AQ003A	01	1	TT3	A2	03B			
										****	SIGNAL	AQ01BQ	IS ON THE NEXT PAGE ****											

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CCODE	COL OR	IDEN											
03972		XA118	07							16B	9			AQ01BQ	04	AQ01BQ	00	1	T0D	BQ	03A	AQ 01 - PRESET	
03973		XA129	20		XA128	68				16B	9			AQ011A	01	AQ011A	00	1	TT3	B1	11A	BUS TO AQ REG. -	
03974		XA128	68							16B	9			AQ011A	02	AQ0190	01	2	TT3	E1	32A		
03975		XA129	19		XA128	66				16B	9			AQ012A	01	AQ012A	00	1	TT3	B2	09B	AQ RIGHT SHIFT 00	
03976		XA128	66							16B	9			AQ012A	02	AQ0190	01	3	TT3	E1	31A		
03977		XA129	27		XA128	70				16B	9			AQ013A	01	AQ013A	00	1	TT3	B3	13B	AQ LEFT SHIFT 02	
03978		XA128	70							16B	9			AQ013A	02	AQ0190	01	1	TT3	E1	33A		
03979		XA128	64		XA118	05				16B	9			AQ0190	01	AQ0190	00	1	TT3	E1	30A	AQ 01 DATA INPUT	
03980		XA118	05							16B	9			AQ0190	02	AQ01B1	01	1	T0D	B1	03B		
03983		XA217	73		XA118	23				16B	9			AQ028P	01	AD31E7	01	4	TAD	F7	36B		
03984		XA118	23							16B	9			AQ028P	02	AQ028P	00	1	T0D	CP	11B	AQ 02 - CLEAR	
03985		XA321	71		XA129	46				16B	9			AQ028Q	01	DA02QD	01	2	TLD	F2	36A		
03986		XA129	46		XA129	21				16B	9			AQ028Q	02	AQ032A	01	2	TT3	D2	21A		
03987		XA129	21		XA118	25				16B	9			AQ028Q	03	AQ013A	01	1	TT3	B3	10B		
03988		XA118	25							16B	9			AQ028Q	04	AQ028Q	00	1	T0D	CQ	12B	AQ 02 - PRESET	
03989		XA129	36		XA128	62				16B	9			AQ021A	01	AQ021A	00	1	TT3	C1	17A	BUS TO AQ REG. -	
03990		XA128	62							16B	9			AQ021A	02	AQ0290	01	1	TT3	E2	29A		
03991		XA129	31		XA128	60				16B	9			AQ022A	01	AQ022A	00	1	TT3	C2	15B	AQ RIGHT SHIFT 01	
03992		XA128	60							16B	9			AQ022A	02	AQ0290	01	2	TT3	E2	28A		
03993		XA129	39		XA128	53				16B	9			AQ023A	01	AQ023A	00	1	TT3	C3	19B	AQ LEFT SHIFT 03	
03994		XA128	53							16B	9			AQ023A	02	AQ0290	01	3	TT3	E2	28B		
03995		XA128	55		XA118	24				16B	9			AQ0290	01	AQ0290	00	1	TT3	E2	29B	AQ 02 DATA INPUT	
03996		XA118	24							16B	9			AQ0290	02	AQ02B1	01	1	T0D	C1	13A		
03999		XA217	71		XA118	21				16B	9			AQ038P	01	AD31E7	01	5	TAD	F7	36A		
04000		XA118	21							16B	9			AQ038P	02	AQ038P	00	1	T0D	DP	10B	AQ 03 - CLEAR	
04001		XA321	77		XA129	60				16B	9			AQ038Q	01	DA03QD	01	2	TLD	F1	38B		
04002		XA129	60		XA129	37				16B	9			AQ038Q	02	AQ042A	01	2	TT3	E2	28A		
04003		XA129	37		XA118	19				16B	9			AQ038Q	03	AQ023A	01	3	TT3	C3	18B		
04004		XA118	19							16B	9			AQ038Q	04	AQ038Q	00	1	T0D	DQ	09B	AQ 03 - PRESET	
04005		XA129	50		XA128	59				16B	9			AQ031A	01	AQ031A	00	1	TT3	D1	23A	BUS TO AQ REG. -	
04006		XA126	59							16B	9			AQ031A	02	AQ0390	01	2	TT3	E3	31B		
04007		XA129	43		XA128	57				16B	9			AQ032A	01	AQ032A	00	1	TT3	D2	23B	AQ RIGHT SHIFT 02	
04008		XA128	57							16B	9			AQ032A	02	AQ0390	01	1	TT3	E3	30B		
04009		XA129	51		XA128	61				16B	9			AQ033A	01	AQ033A	00	1	TT3	D3	27B	AQ LEFT SHIFT 04	
04010		XA128	61							16B	9			AQ033A	02	AQ0390	01	3	TT3	E3	32B		



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AQ033A

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

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	INT OR CHA TYPE	DMM	LOCAL OR REMOTE PLANE	TEST POINTS (AND JF)	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL 19											
04011		XA128	63		XA118	18		16B	9		AQ0390	01	AQ0390	00	1	TT3	E3	33B	AQ 03 DATA INPUT	
04012		XA118	18					16B	9		AQ0390	02	AQ03BI	01	1	TDD	01	10A		
04015		XA217	72		XA118	35		16B	9		AQ048P	01	AD31E8	01	1	TAD	F8	34A		
04016		XA118	35					16B	9		AQ048P	02	AQ048P	00	1	TDD	EP	17B	AQ 04 - CLEAR	
04017		XA321	61		XA129	72		16B	9		AQ048Q	01	DA04QD	01	2	TLD	E4	32B		
04018		XA129	72		XA129	49		16B	9		AQ048Q	02	AQ052A	01	2	TT3	F2	34A		
04019		XA129	49		XA118	37		16B	9		AQ048Q	03	AQ033A	01	3	TT3	03	28B		
04020		XA118	37					16B	9		AQ048Q	04	AQ048Q	00	1	TDD	EQ	18B	AQ 04 - PRESET	
04021		XA129	64		XA127	68		16B	9		AQ041A	01	AQ041A	00	1	TT3	E1	30A	BUS TO AQ REG. -	
04022		XA127	68					16B	9		AQ041A	02	AQ0490	01	2	TT3	E1	32A		
04023		XA129	55		XA127	66		16B	9		AQ042A	01	AQ042A	00	1	TT3	E2	29B	AQ RIGHT SHIFT 03	
04024		XA127	66					16B	9		AQ042A	02	AQ0490	01	3	TT3	E1	31A		
04025		XA129	63		XA127	70		16B	9		AQ043A	01	AQ043A	00	1	TT3	E3	33B	AQ LEFT SHIFT 05	
04026		XA127	70					16B	9		AQ043A	02	AQ0490	01	1	TT3	E1	33A		
04027		XA127	64		XA118	40		16B	9		AQ0490	01	AQ0490	00	1	TT3	E1	30A	AQ 04 DATA INPUT	
04028		XA118	40					16B	9		AQ0490	02	AQ04BI	01	1	TDD	E1	19A		
04031		XA217	65		XA118	33		16B	9		AQ058P	01	AD31E8	01	2	TAD	F8	34B		
04032		XA118	33					16B	9		AQ058P	02	AQ058P	00	1	TDD	FP	16B	AQ 05 - CLEAR	
04033		XA321	55		XA129	61		16B	9		AQ058Q	01	DA05QD	01	2	TLD	E3	29B		
04034		XA129	61		XA128	03		16B	9		AQ058Q	02	AQ043A	01	3	TT3	E3	32B		
04035		XA128	03		XA118	31		16B	9		AQ058Q	03	AQ062A	01	3	TT3	A2	02A		
04036		XA118	31					16B	9		AQ058Q	04	AQ058Q	00	1	TDD	FQ	15B	AQ 05 - PRESET	
04037		XA129	73		XA127	60		16B	9		AQ051A	01	AQ051A	00	1	TT3	F1	36B	BUS TO AQ REG. -	
04038		XA127	60					16B	9		AQ051A	02	AQ0590	01	2	TT3	E2	28A		
04039		XA129	74		XA127	53		16B	9		AQ052A	01	AQ052A	00	1	TT3	F2	35B	AQ RIGHT SHIFT 04	
04040		XA127	53					16B	9		AQ052A	02	AQ0590	01	3	TT3	E2	28B		
04041		XA129	80		XA127	62		16B	9		AQ053A	01	AQ053A	00	1	TT3	F3	39A	AQ LEFT SHIFT 06	
04042		XA127	62					16B	9		AQ053A	02	AQ0590	01	1	TT3	E2	29A		
04043		XA127	55		XA118	34		16B	9		AQ0590	01	AQ0590	00	1	TT3	E2	29B	AQ 05 DATA INPUT	
04044		XA118	34					16B	9		AQ0590	02	AQ0581	01	1	TDD	F1	16A		
04047		XA217	74		XA118	47		16B	9		AQ068P	01	AD31E8	01	3	TAD	F8	35B		
04048		XA118	47					16B	9		AQ068P	02	AQ068P	00	1	TDD	GP	25B	AQ 06 - CLEAR	
04049		XA321	62		XA129	78		16B	9		AQ068Q	01	DA06QD	01	2	TLD	E2	29A		
04050		XA129	78		XA128	18		16B	9		AQ068Q	02	AQ053A	01	3	TT3	F3	38A		
								****	SIGNAL		AQ068Q		IS ON THE	NEXT PAGE	****					

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CPT 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															
04051		XA128	18		XA118	49			168	9			AQ068Q	03	AQ072A	01	1	TT3	B2	10A					
04052		XA118	49						168	9			AQ068Q	04	AQ068Q	00	1	TDD	GQ	26B		AQ 06 - PRESET			
04053		XA128	04		XA127	59			168	9			AQ061A	01	AQ061A	00	1	TT3	A1	04A		BUS TO AQ REG. -			
04054		XA127	59						168	9			AQ061A	02	AQ069Q	01	2	TT3	E3	31B					
04055		XA128	07		XA127	57			168	9			AQ062A	01	AQ062A	00	1	TT3	A2	03A		AQ RIGHT SHIFT 05			
04056		XA127	57						168	9			AQ062A	02	AQ069Q	01	1	TT3	E3	30B					
04057		XA128	15		XA127	61			168	9			AQ063A	01	AQ063A	00	1	TT3	A3	07B		AQ LEFT SHIFT 07			
04058		XA127	61						168	9			AQ063A	02	AQ069Q	01	3	TT3	E3	32B					
04059		XA127	63		XA118	54			168	9			AQ069Q	01	AQ069Q	00	1	TT3	E3	33B		AQ 06 DATA INPUT			
04060		XA118	54						168	9			AQ069Q	02	AQ068Q	01	1	TDD	GI	25A					
04062		XA217	78		XA118	45			168	9			AQ078P	01	AQ031E8	01	4	TAD	F8	38A					
04064		XA118	45						168	9			AQ078P	02	AQ078P	00	1	TDD	HP	24B			AQ 07 - CLEAR		
04065		XA321	70		XA118	43			168	9			AQ078Q	01	DA07QD	01	1	TLD	E1	33A					
04066		XA118	43		XA128	30			168	9			AQ078Q	02	AQ078Q	00	1	TDD	HQ	23B			AQ 07 - PRESET		
04067		XA128	30		XA128	09			168	9			AQ078Q	03	AQ082A	01	2	TT3	C2	15A					
04068		XA128	09						168	9			AQ078Q	04	AQ063A	01	1	TT3	A3	04B					
04069		XA128	20		XA127	77			168	9			AQ071A	01	AQ071A	00	1	TT3	B1	11A		BUS TO AQ REG. -			
04070		XA127	77						168	9			AQ071A	02	AQ079Q	01	2	TT3	F1	38B					
04071		XA128	19		XA127	75			168	9			AQ072A	01	AQ072A	00	1	TT3	B2	09B			AQ RIGHT SHIFT 06		
04072		XA127	75						168	9			AQ072A	02	AQ079Q	01	3	TT3	F1	37B					
04073		XA128	27		XA127	79			168	9			AQ073A	01	AQ073A	00	1	TT3	B3	13B			AQ LEFT SHIFT 08		
04074		XA127	79						168	9			AQ073A	02	AQ079Q	01	1	TT3	F1	39B					
04075		XA127	73		XA118	48			168	9			AQ079Q	01	AQ079Q	00	1	TT3	F1	36B			AQ 07 DATA INPUT		
04076		XA118	48						168	9			AQ079Q	02	AQ078Q	01	1	TDD	HI	22A					
04079		XA218	77		XA118	59			168	9			AQ088P	01	AD27E7	01	2	TAD	F7	38B					
04080		XA118	59						168	9			AQ088P	02	AQ088P	00	1	TDD	JP	31B				AQ 08 - CLEAR	
04081		XA331	76		XA118	61			168	9			AQ088Q	01	DA08QD	01	1	TLD	F4	37A					
04082		XA118	61		XA128	48			168	9			AQ088Q	02	AQ088Q	00	1	TDD	JQ	32B				AQ 08 - PRESET	
04083		XA128	48		XA128	21			168	9			AQ088Q	03	AQ092A	01	1	TT3	D2	22A					
04084		XA128	21						168	9			AQ088Q	04	AQ073A	01	1	TT3	B3	10B					
04085		XA128	36		XA127	71			168	9			AQ081A	01	AQ081A	00	1	TT3	C1	17A			BUS TO AQ REG. -		
04086		XA127	71						168	9			AQ081A	02	AQ089Q	01	1	TT3	F2	36A					
04087		XA128	31		XA127	72			168	9			AQ082A	01	AQ082A	00	1	TT3	C2	15B			AQ RIGHT SHIFT 07		
04088		XA127	72						168	9			AQ082A	02	AQ089Q	01	2	TT3	F2	34A					
04089		XA128	39		XA127	65			168	9			AQ083A	01	AQ083A	00	1	TT3	C3	19B			AQ LEFT SHIFT 09		
											****	SIGNAL	(AQ083A)	IS ON THE NEXT PAGE ****											

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM #	FACTOR	CRT OR CHIP TYPE	GROUP	LOAD CP MODEL PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
04090		XA127	65						16B 9		AQ083A 02	AQ0890	01	3	TT3	F2		34B		
04091		XA127	74		XA118	68			16B 9		AQ0890 01	AQ0890	00	1	TT3	F2		35B	AQ 08 DATA INPUT	
04092		XA118	68						16B 9		AQ0890 02	AQ088I	01	1	TDD	JI		32A		
04095		XA218	75		XA118	57			16B 9		AQ09BP 01	AD27E7	01	3	TAD	F7		37B		
04096		XA118	57						16B 9		AQ09BP 02	AQ09BP	00	1	TDD	KP		30B	AQ 09 - CLEAR	
04097		XA331	74		XA118	55			16B 9		AQ09BQ 01	DA09QD	01	2	TLD	F3		35B		
04098		XA118	55		XA128	33			16B 9		AQ09BQ 02	AQ09BQ	00	1	TDD	KQ		29B	AQ 09 - PRESET	
04099		XA128	33		XA127	01			16B 9		AQ09BQ 03	AQ083A	01	1	TY3	C3		16B		
04100		XA127	01						16B 9		AQ09BQ 04	AQ102A	01	2	TT3	A2		02B		
04101		XA128	50		XA127	76			16B 9		AQ091A 01	AQ091A	00	1	TT3	D1		23A	BUS TO AQ REG. -	
04102		XA127	76						16B 9		AQ091A 02	AQ0990	01	2	TT3	F3		37A		
04103		XA128	43		XA127	69			16B 9		AQ092A 01	AQ092A	00	1	TT3	D2		23B	AQ RIGHT SHIFT 08	
04104		XA127	69						16B 9		AQ092A 02	AQ0990	01	1	TT3	F3		35A		
04105		XA128	51		XA127	78			16B 9		AQ093A 01	AQ093A	00	1	TT3	D3		27B	AQ LEFT SHIFT 10	
04106		XA127	78						16B 9		AQ093A 02	AQ0990	01	3	TY3	F3		38A		
04107		XA127	80		XA118	62			16B 9		AQ0990 01	AQ0990	00	1	TY3	F3		39A	AQ 09 DATA INPUT	
04108		XA118	62						16B 9		AQ0990 02	AQ098I	01	1	TDD	KI		29A		
04111		XA218	73		XA118	76			16B 9		AQ10BP 01	AD27E7	01	4	TAD	F7		36B		
04112		XA118	76						16B 9		AQ10BP 02	AQ10BP	03	1	TDD	LP		37A	AQ 10 - CLEAR	
04113		XA331	71		XA118	78			16B 9		AQ10BQ 01	DA10QD	01	2	TLD	F2		36A		
04114		XA118	78		XA128	49			16B 9		AQ10BQ 02	AQ10BQ	00	1	TDD	LQ		38A	AQ 10 - PRESET	
04115		XA128	49		XA127	14			16B 9		AQ10BQ 03	AQ093A	01	3	TY3	D3		26B		
04116		XA127	14						16B 9		AQ10BQ 04	AQ112A	01	2	TT3	B2		09A		
04117		XA128	77		XA127	04			16B 9		AQ101A 01	AQ1090	01	2	TT3	F1		38B		
04118		XA127	04						16B 9		AQ101A 02	AQ101A	00	1	TY3	A1		04A	BUS TO AQ REG. -	
04119		XA128	75		XA127	07			16B 9		AQ102A 01	AQ1090	01	3	TY3	F1		37B		
04120		XA127	07						16B 9		AQ102A 02	AQ102A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 09	
04121		XA128	79		XA127	15			16B 9		AQ103A 01	AQ1090	01	1	TT3	F1		39B		
04122		XA127	15						16B 9		AQ103A 02	AQ103A	00	1	TT3	A3		07B	AQ LEFT SHIFT 11	
04123		XA128	73		XA118	77			16B 9		AQ1090 01	AQ1090	00	1	TY3	F1		36B	AQ 10 DATA INPUT	
04124		XA118	77						16B 9		AQ1090 02	AQ108I	01	1	TDD	LI		38B		
04127		XA218	71		XA118	69			16B 9		AQ11BP 01	AD27E7	01	5	TAD	F7		36A		
04128		XA118	69						16B 9		AQ11BP 02	AQ11BP	00	1	TDD	MP		35A	AQ 11 - CLEAR	
04129		XA331	77		XA118	74			16B 9		AQ11BQ 01	DA11QD	01	2	TLD	F1		38B		
04130		XA118	74		XA127	34			16B 9		AQ11BQ 02	AQ11BQ	00	1	TDD	MQ		35B	AQ 11 - PRESET	
									****	SIGNAL	AQ11BQ									IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN												NO. TO SHEET
04131		XA127	34		XA127	09		16B 9		AQ11BQ	03	AQ122A	01	1	TT3	C2		16A	
04132		XA127	09					16B 9		AQ11BQ	04	AQ103A	01	1	TT3	A3		04B	
04133		XA128	72		XA127	20		16B 9		AQ111A	01	AQ1190	01	2	TT3	F2		34A	
04134		XA127	20					16B 9		AQ111A	02	AQ111A	00	1	TT3	B1		11A	BUS TO AQ REG. -
04135		XA128	65		XA127	19		16B 9		AQ112A	01	AQ1190	01	3	TT3	F2		34B	
04136		XA127	19					16B 9		AQ112A	02	AQ112A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 10
04137		XA128	71		XA127	27		16B 9		AQ113A	01	AQ1190	01	1	TT3	F2		36A	
04138		XA127	27					16B 9		AQ113A	02	AQ113A	00	1	TT3	B3		13B	AQ LEFT SHIFT 12
04139		XA128	74		XA118	71		16B 9		AQ1190	01	AQ1190	00	1	TT3	F2		35B	AQ 11 DATA INPUT
04140		XA118	71					16B 9		AQ1190	02	AQ118I	01	1	TDD	M1		36A	
04143		XA218	72		XA117	11		16B 9		AQ128P	01	AQ27E8	01	1	TAD	F8		34A	
04144		XA117	11					16B 9		AQ128P	02	AQ128P	00	1	TDD	AP		05B	AQ 12 - CLEAR
04145		XA331	59		XA127	41		16B 9		AQ128Q	01	DA12Q0	01	1	TLD	E4		31B	
04146		XA127	41		XA127	21		16B 9		AQ128Q	02	AQ132A	01	3	TT3	D2		22B	
04147		XA127	21		XA117	13		16B 9		AQ128Q	03	AQ113A	01	1	TT3	B3		10B	
04148		XA117	13					16B 9		AQ128Q	04	AQ128Q	00	1	TDD	AQ		06B	AQ 12 - PRESET
04149		XA128	76		XA127	36		16B 9		AQ121A	01	AQ1290	01	2	TT3	F3		37A	
04150		XA127	36					16B 9		AQ121A	02	AQ121A	00	1	TT3	C1		17A	BUS TO AQ REG. -
04151		XA128	69		XA127	31		16B 9		AQ122A	01	AQ1290	01	1	TT3	F3		35A	
04152		XA127	31					16B 9		AQ122A	02	AQ122A	00	1	TT3	C2		15B	AQ RIGHT SHIFT 11
04153		XA128	78		XA127	39		16B 9		AQ123A	01	AQ1290	01	3	TT3	F3		38A	
04154		XA127	39					16B 9		AQ123A	02	AQ123A	00	1	TT3	C3		19B	AQ LEFT SHIFT 13
04155		XA128	80		XA117	08		16B 9		AQ1290	01	AQ1290	00	1	TT3	F3		39A	AQ 12 DATA INPUT
04156		XA117	08					16B 9		AQ1290	02	AQ128I	01	1	TDD	A1		06A	
04159		XA218	65		XA117	09		16B 9		AQ138P	01	AQ27E8	01	2	TAD	F8		34B	
04160		XA117	09					16B 9		AQ138P	02	AQ138P	00	1	TDD	BP		04B	AQ 13 - CLEAR
04161		XA331	55		XA127	37		16B 9		AQ138Q	01	DA13Q0	01	2	TLD	E3		29B	
04162		XA127	37		XA126	03		16B 9		AQ138Q	02	AQ123A	01	3	TT3	C3		18B	
04163		XA126	03		XA117	07		16B 9		AQ138Q	03	AQ142A	01	3	TT3	A2		02A	
04164		XA117	07					16B 9		AQ138Q	04	AQ138Q	00	1	TDD	BQ		03A	AQ 13 - PRESET
04165		XA129	11		XA127	50		16B 9		AQ131A	01	AQ1390	01	2	TT3	A3		05B	
04166		XA127	50					16B 9		AQ131A	02	AQ131A	00	1	TT3	D1		23A	BUS TO AQ REG. -
04167		XA129	09		XA127	43		16B 9		AQ132A	01	AQ1390	01	1	TT3	A3		04B	
04168		XA127	43					16B 9		AQ132A	02	AQ132A	00	1	TT3	D2		23B	AQ RIGHT SHIFT 12
04169		XA129	13		XA127	51		16B 9		AQ133A	01	AQ1390	01	3	TT3	A3		06B	
								****	SIGNAL	AQ133A		S ON THE		NEXT PAGE	****				

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SFD NO	EQUATION	TURNS	FACTOR	C/T OR CHIP TYPE	DUAL	LOAD OR POWER PLANE	TEST POINTS (AND) DP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT											
04170		XA127	51						168	9		AQ133A	02	AQ133A	00	1	TT3	D3		27B	AQ LEFT SHIFT 14	
04171		XA129	15		XA117	05			168	9		AQ1390	01	AQ1390	00	1	TT3	A3		07B	AQ 13 DATA INPUT	
04172		XA117	05						168	9		AQ1390	02	AQ1381	01	1	T00	B1		03B		
04175		XA218	74		XA117	23			168	9		AQ148P	01	AD27E8	01	3	TAD	F8		35B		
04176		XA117	23						168	9		AQ148P	02	AQ148P	00	1	T00	CP		11B	AQ 14 - CLEAR	
04177		XA331	62		XA127	49			168	9		AQ148Q	01	DA14Q0	01	2	TLD	E2		29A		
04178		XA127	49		XA126	17			168	9		AQ148Q	02	AQ133A	01	3	TT3	D3		26B		
04179		XA126	17		XA117	25			168	9		AQ148Q	03	AQ152A	01	3	TT3	B2		08B		
04180		XA117	25						168	9		AQ148Q	04	AQ148Q	00	1	T00	CQ		12B	AQ 14 - PRESET	
04181		XA126	04		XA125	68			168	9		AQ141A	01	AQ141A	00	1	TT3	A1		04A	BUS TO AQ REG. -	
04182		XA125	68						168	9		AQ141A	02	AQ1490	01	2	TT3	E1		32A		
04183		XA126	07		XA125	66			168	9		AQ142A	01	AQ142A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 13	
04184		XA125	66						168	9		AQ142A	02	AQ1490	01	3	TT3	E1		31A		
04185		XA126	15		XA125	70			168	9		AQ143A	01	AQ143A	00	1	TT3	A3		07B	AQ LEFT SHIFT 15	
04186		XA125	70						168	9		AQ143A	02	AQ1490	01	1	TT3	E1		33A		
04187		XA125	64		XA117	24			168	9		AQ1490	01	AQ1490	00	1	TT3	E1		30A	AQ 14 DATA INPUT	
04188		XA117	24						168	9		AQ1490	02	AQ1481	01	1	T00	CI		13A		
04191		XA218	78		XA117	21			168	9		AQ158P	01	AD27E8	01	4	TAD	F8		38A		
04192		XA117	21						168	9		AQ158P	02	AQ158P	00	1	T00	DP		10B	AQ 15 - CLEAR	
04193		XA331	70		XA131	49			168	9		AQ158Q	01	DA15Q0	01	1	TLD	E1		33A		
04194		XA131	49		XA126	09			168	9		AQ158Q	02	AQ162A	01	4	T04	O1		26B		
04195		XA126	09		XA117	19			168	9		AQ158Q	03	AQ143A	01	1	TT3	A3		04B		
04196		XA117	19						168	9		AQ158Q	04	AQ158Q	00	1	T00	DQ		09B	AQ 15 - PRESET	
04197		XA126	20		XA125	62			168	9		AQ151A	01	AQ151A	00	1	TT3	B1		11A	BUS TO AQ REG. -	
04198		XA125	62						168	9		AQ151A	02	AQ1590	01	1	TT3	E2		29A		
04199		XA126	19		XA125	60			168	9		AQ152A	01	AQ152A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 14	
04200		XA125	60						168	9		AQ152A	02	AQ1590	01	2	TT3	E2		28A		
04201		XA126	27		XA125	53			168	9		AQ153A	01	AQ153A	00	1	TT3	B3		13B	AQ LEFT SHIFT 16	
04202		XA125	53						168	9		AQ153A	02	AQ1590	01	3	TT3	E2		28B		
04203		XA125	55		XA117	18			168	9		AQ1590	01	AQ1590	00	1	TT3	E2		29B	AQ 15 DATA INPUT	
04204		XA117	18						168	9		AQ1590	02	AQ1581	01	1	T00	O1		10A		
21467		XA105	59		XA113	17			168	9		AQ168P	01				EXT					
04208		XA113	17		XA113	24			168	9		AQ168P	02	AQLS4A	01	1	TQ2	B3		08B		
04209		XA113	24		XA117	35			168	9		AQ168P	03	AQC67A	01	2	TQ2	B1		13A		
04210		XA117	35		XA231	47			168	9		AQ168P	04	AQ168P	00	1	T00	EP		17B	AQ 16 - CLEAR	
04211		XA231	47						168	9		AQ168P	05	ACC63A	01	2	TT3	D3		29B		

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CPT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	GAUG	CODE	COLOR												IDENT	
21468		XA105	61		XA113	13		168	9				AQ168Q	01			EXT							
04213		XA113	13		XA117	37		168	9				AQ168Q	02	AQC66A	01	2 TQ2	A4		06B				
04214		XA117	37		XA126	46		168	9				AQ168Q	03	AQ168Q	00	1 TQ2	EQ		18B	AQ 16 - PRESET			
04215		XA126	46		XA126	34		168	9				AQ168Q	04	AQ172A	01	2 TT3	D2		21A				
04216		XA126	34		XA126	25		168	9				AQ168Q	05	AQ165A	01	1 TT3	C2		16A				
04217		XA126	25		XA331	47		168	9				AQ168Q	06	AQ153A	01	3 TT3	B3		12B				
04218		XA331	47					168	9				AQ168Q	07	DA16QD	01	1 TLO	D4		25B				
04225		XA126	36		XA122	24		168	9				AQ161A	01	AQ161A	00	1 TT3	C1		17A	BUS TO AQ REG. -			
04226		XA122	24					168	9				AQ161A	02	AQ1690	01	2 TS8	B1		13A				
04227		XA131	47		XA122	25		168	9				AQ162A	01	AQ162A	00	1 TD4	D1		25B	AQ RIGHT SHIFT 15			
04228		XA122	25					168	9				AQ162A	02	AQ1690	01	8 TS8	B1		12B				
04229		XA131	45		XA122	22		168	9				AQ163A	01	AQ163A	00	1 TD4	D2		24B	AQ LEFT SHIFT 17			
04230		XA122	22					168	9				AQ163A	02	AQ1690	01	3 TS8	B1		12A				
04231		XA132	35		XA122	26		168	9				AQ164A	01	AQ164A	00	1 TS8	C1		17B	AQ 31 TO AQ 16			
04232		XA122	26					168	9				AQ164A	02	AQ1690	01	1 TS8	B1		14A				
04233		XA126	31		XA122	20		168	9				AQ165A	01	AQ165A	00	1 TT3	C2		15B	AQ 16 TO AQ 16			
04234		XA122	20					168	9				AQ165A	02	AQ1690	01	4 TS8	B1		11A				
04235		XA111	69		XA131	48		168	9				AQ166A	01	AQ166A	00	1 TD4	F2		35A	SHIFT HALF ALGEB			
04236		XA131	48		XA114	19		168	9				AQ166A	02	AQ163A	01	2 TD4	D2		22A				
04237		XA114	19					168	9				AQ166A	03	AQ1660	01	2 TQ2	B3		09B				
04238		XA126	30		XA114	21		168	9				AQ1660	01	AQ165A	01	2 TT3	C2		15A				
04239		XA114	21					168	9				AQ1660	02	AQ1660	00	1 TQ2	B3		10B	SHIFT AQ HALF ALG			
04240		XA122	23		XA117	40		168	9				AQ1690	01	AQ1690	00	1 TS8	B1		11B	AQ 16 DATA INPUT			
04241		XA117	40					168	9				AQ1690	02	AQ1681	01	1 TQ2	E1		19A				
04244		XA117	33		XA113	26		168	9				AQ178P	01	AQ178P	00	1 TQ2	FP		16B	AQ 17 - CLEAR			
04245		XA113	26					168	9				AQ178P	02	AQC67A	01	1 TQ2	B1		14A				
04246		XA331	41		XA131	50		168	9				AQ178Q	01	DA17QD	01	1 TLO	D3		22B				
04247		XA131	50		XA126	60		168	9				AQ178Q	02	AQ163A	01	1 TD4	D2		23A				
04248		XA126	60		XA117	31		168	9				AQ178Q	03	AQ182A	01	2 TT3	E2		28A				
04249		XA117	31		XA113	11		168	9				AQ178Q	04	AQ178Q	00	1 TQ2	FQ		15B	AQ 17 - PRESET			
04250		XA113	11					168	9				AQ178Q	05	AQC66A	01	1 TQ2	A4		05B				
04251		XA126	50		XA125	59		168	9				AQ171A	01	AQ171A	00	1 TT3	D1		23A	BUS TO AQ REG. -			
04252		XA125	59					168	9				AQ171A	02	AQ1790	01	2 TT3	E3		31B				
04253		XA126	43		XA125	57		168	9				AQ172A	01	AQ172A	00	1 TT3	D2		23B	AQ RIGHT SHIFT 16			
04254		XA125	57					168	9				AQ172A	02	AQ1790	01	1 TT3	E3		30B				
												****	SIGNAL	AQ173A	S ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
04255		XA126	51		XA125	61			168	9			AQ173A	01	AQ173A	00	1	TT3	D3		27B	AQ LEFT SHIFT 18		
04256		XA125	61						168	9			AQ173A	02	AQ1790	01	3	TT3	E3		32B			
04257		XA125	63		XA117	34			168	9			AQ1790	01	AQ1790	00	1	TT3	E3		33B	AQ 17 DATA INPUT		
04258		XA117	34						168	9			AQ1790	02	AQ1781	01	1	TDD	F1		18A			
04261		XA216	71		XA117	47			168	9			AQ188P	01	AD23E7	01	5	ADD						
04262		XA117	47						168	9			AQ188P	02	AQ188P	00	1	TDD	GP		25B	AQ 18 - CLEAR		
04263		XA331	48		XA126	65			168	9			AQ188Q	01	DA18QD	01	2	TLD	D2		22A			
04264		XA126	65		XA126	45			168	9			AQ188Q	02	AQ192A	01	3	TT3	F2		34B			
04265		XA126	45		XA117	49			168	9			AQ188Q	03	AQ173A	01	1	TT3	D3		24B			
04266		XA117	49						168	9			AQ188Q	04	AQ188Q	00	1	TDD	GQ		26B	AQ 18 - PRESET		
04267		XA126	64		XA124	68			168	9			AQ181A	01	AQ181A	00	1	TT3	E1		30A	BUS TO AQ REG. -		
04268		XA124	68						168	9			AQ181A	02	AQ1890	01	2	TT3	E1		32A			
04269		XA126	55		XA124	66			168	9			AQ182A	01	AQ182A	00	1	TT3	E2		29B	AQ RIGHT SHIFT 17		
04270		XA124	66						168	9			AQ182A	02	AQ1890	01	3	TT3	E1		31A			
04271		XA126	63		XA124	70			168	9			AQ183A	01	AQ183A	00	1	TT3	E3		33B	AQ LEFT SHIFT 19		
04272		XA124	70						168	9			AQ183A	02	AQ1890	01	1	TT3	E1		33A			
04273		XA124	64		XA117	54			168	9			AQ1890	01	AQ1890	00	1	TT3	E1		30A	AQ 18 DATA INPUT		
04274		XA117	54						168	9			AQ1890	02	AQ1881	01	1	TDD	G1		25A			
21471		XA105	63		XA117	45			168	9			AQ198P	01				EXT						
04278		XA117	45						168	9			AQ198P	02	AQ198P	00	1	TDD	HP		24B	AQ 19 - CLEAR		
21472		XA105	65		XA125	01			168	9			AQ198Q	01				EXT						
04280		XA125	01		XA126	61			168	9			AQ198Q	02	AQ202A	01	2	TT3	A2		02B			
04281		XA126	61		XA117	43			168	9			AQ198Q	03	AQ183A	01	3	TT3	E3		32B			
04282		XA117	43		XA331	56			168	9			AQ198Q	04	AQ198Q	00	1	TDD	HQ		23B	AQ 19 - PRESET		
04283		XA331	56						168	9			AQ198Q	05	DA19QD	01	1	TLD	D1		26A			
04288		XA126	73		XA124	60			168	9			AQ191A	01	AQ191A	00	1	TT3	F1		36B	BUS TO AQ REG. -		
04289		XA124	60						168	9			AQ191A	02	AQ1990	01	2	TT3	E2		28A			
04290		XA126	74		XA124	53			168	9			AQ192A	01	AQ192A	00	1	TT3	F2		35B	AQ RIGHT SHIFT 18		
04291		XA124	53						168	9			AQ192A	02	AQ1990	01	3	TT3	E2		28B			
04292		XA126	80		XA124	62			168	9			AQ193A	01	AQ193A	00	1	TT3	F3		39A	AQ LEFT SHIFT 20		
04293		XA124	62						168	9			AQ193A	02	AQ1990	01	1	TT3	E2		29A			
04294		XA124	55		XA117	48			168	9			AQ1990	01	AQ1990	00	1	TT3	E2		29B	AQ 19 DATA INPUT		
04295		XA117	48						168	9			AQ1990	02	AQ1981	01	1	TDD	H1		22A			
04298		XA216	72		XA117	59			168	9			AQ208P	01	AD23E8	01	1	ADD						
04299		XA117	59						168	9			AQ208P	02	AQ208P	00	1	TDD	JP		31B	AQ 20 - CLEAR		
									****				SIGNAL (AQ208Q)		IS ON THE						****			

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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	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT											
04300		XA331	35							168	9		AQ20BQ	01	DA20QD	01	1	TLD	C4		17B		
04301		XA117	61			XA117	61			168	9		AQ20BQ	02	AQ20BQ	00	1	TDD	JQ		32B	AQ 20 - PRESET	
04302		XA126	78			XA125	14			168	9		AQ20BQ	03	AQ193A	01	3	TT3	F3		38A		
04303		XA125	14							168	9		AQ20BQ	04	AQ212A	01	2	TT3	B2		09A		
04304		XA125	04			XA124	59			168	9		AQ201A	01	AQ201A	00	1	TT3	A1		04A	BUS TO AQ REG. -	
04305		XA124	59							168	9		AQ201A	02	AQ2090	01	2	TT3	E3		31B		
04306		XA125	07			XA124	57			168	9		AQ202A	01	AQ202A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 19	
04307		XA124	57							168	9		AQ202A	02	AQ2090	01	1	TT3	E3		30B		
04308		XA125	15			XA124	61			168	9		AQ203A	01	AQ203A	00	1	TT3	A3		07B	AQ LEFT SHIFT 21	
04309		XA124	61							168	9		AQ203A	02	AQ2090	01	3	TT3	E3		32B		
04310		XA124	63			XA117	68			168	9		AQ2090	01	AQ2090	00	1	TT3	E3		33B	AQ 20 DATA INPUT	
04311		XA117	68							163	9		AQ2090	02	AQ2081	01	1	TDD	J1		32A		
04314		XA216	65			XA117	57			168	9		AQ218P	01	AD23E8	01	2	ADD					
04315		XA117	57							168	9		AQ218P	02	AQ218P	00	1	TDD	KP		30B	AQ 21 - CLEAR	
04316		XA331	31			XA117	55			168	9		AQ218Q	01	DA21QD	01	2	TLD	C3		19B		
04317		XA117	55			XA125	30			168	9		AQ218Q	02	AQ218Q	00	1	TDD	KQ		29B	AQ 21 - PRESET	
04318		XA125	30			XA125	09			168	9		AQ218Q	03	AQ222A	01	2	TT3	C2		15A		
04319		XA125	09							168	9		AQ218Q	04	AQ203A	01	1	TT3	A3		04B		
04320		XA125	20			XA124	77			168	9		AQ211A	01	AQ211A	00	1	TT3	B1		11A	BUS TO AQ REG. -	
04321		XA124	77							168	9		AQ211A	02	AQ2190	01	2	TT3	F1		38B		
04322		XA125	19			XA124	75			168	9		AQ212A	01	AQ212A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 20	
04323		XA124	75							168	9		AQ212A	02	AQ2190	01	3	TT3	F1		37B		
04324		XA125	27			XA124	79			168	9		AQ213A	01	AQ213A	00	1	TT3	B3		13B	AQ LEFT SHIFT 22	
04325		XA124	79							168	9		AQ213A	02	AQ2190	01	1	TT3	F1		39B		
04326		XA124	73			XA117	62			168	9		AQ2190	01	AQ2190	00	1	TT3	F1		36B	AQ 21 DATA INPUT	
04327		XA117	62							168	9		AQ2190	02	AQ2181	01	1	TDD	K1		29A		
04330		XA216	74			XA117	76			168	9		AQ228P	01	AD23E8	01	3	ADD					
04331		XA117	76							168	9		AQ228P	02	AQ228P	00	1	TDD	LP		37A	AQ 22 - CLEAR	
04332		XA331	34			XA117	78			168	9		AQ228Q	01	DA22QD	01	2	TLD	C2		16A		
04333		XA117	78			XA125	48			168	9		AQ228Q	02	AQ228Q	00	1	TDD	LQ		38A	AQ 22 - PRESET	
04334		XA125	48			XA125	25			168	9		AQ228Q	03	AQ232A	01	1	TT3	D2		22A		
04335		XA125	25							168	9		AQ228Q	04	AQ213A	01	3	TT3	B3		12B		
04336		XA125	36			XA124	71			168	9		AQ221A	01	AQ221A	00	1	TT3	G1		17A	BUS TO AQ REG. -	
04337		XA124	71							168	9		AQ221A	02	AQ2290	01	1	TT3	F2		36A		
04338		XA125	31			XA124	72			168	9		AQ222A	01	AQ222A	00	1	TT3	C2		15B	AQ RIGHT SHIFT 21	
04339		XA124	72							168	9		AQ222A	02	AQ2290	01	2	TT3	F2		34A		



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CUT OR CHIP TYPE	DIN	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											
04340		XA125	39		XA124	65			168	9			AQ223A	01	AQ223A	00	1	TT3	C3		19B	AQ LEFT SHIFT 23	
04341		XA124	65						168	9			AQ223A	02	AQ2290	01	3	TT3	F2		34B		
04342		XA124	74		XA117	77			168	9			AQ2290	01	AQ2290	00	1	TT3	F2		35B	AQ 22 DATA INPUT	
04343		XA117	77						168	9			AQ2290	02	AQ228I	01	1	TDD	LI		38B		
04346		XA216	78		XA117	69			168	9			AQ238P	01	AQ238P	01	4	ADD					
04347		XA117	69						168	9			AQ238P	02	AQ238P	00	1	TDD	MP		35A	AQ 23 - CLEAR	
04348		XA331	40		XA117	74			168	9			AQ238Q	01	DA23QD	01	2	TLD	C1		19A		
04349		XA117	74		XA125	35			168	9			AQ238Q	02	AQ238Q	00	1	TDD	MQ		35B	AQ 23 - PRESET	
04350		XA125	35		XA124	01			168	9			AQ238Q	03	AQ223A	01	2	TT3	C3		17B		
04351		XA124	01						168	9			AQ238Q	04	AQ242A	01	2	TT3	A2		02B		
04352		XA125	50		XA124	76			168	9			AQ231A	01	AQ231A	00	1	TT3	D1		23A	BUS TO AQ REG. -	
04353		XA124	76						168	9			AQ231A	02	AQ2390	01	2	TT3	F3		37A		
04354		XA125	43		XA124	69			168	9			AQ232A	01	AQ232A	00	1	TT3	D2		23B	AQ RIGHT SHIFT 22	
04355		XA124	69						168	9			AQ232A	02	AQ2390	01	1	TT3	F3		35A		
04356		XA125	51		XA124	78			168	9			AQ233A	01	AQ233A	00	1	TT3	D3		27B	AQ LEFT SHIFT 24	
04357		XA124	78						168	9			AQ233A	02	AQ2390	01	3	TT3	F3		38A		
04358		XA124	80		XA117	71			168	9			AQ2390	01	AQ2390	00	1	TT3	F3		39A	AQ 23 DATA INPUT	
04359		XA117	71						168	9			AQ2390	02	AQ238I	01	1	TDD	MI		36A		
04362		XA214	77		XA116	11			168	9			AQ248P	01	AD19E7	01	2	ADD					
04363		XA116	11						168	9			AQ248P	02	AQ248P	00	1	TDD	AP		09B	AQ 24 - CLEAR	
04364		XA331	25		XA125	45			168	9			AQ248Q	01	DA24QD	01	2	TLD	B4		12B		
04365		XA125	45		XA124	18			168	9			AQ248Q	02	AQ233A	01	1	TT3	D3		24B		
04366		XA124	18		XA116	13			168	9			AQ248Q	03	AQ252A	01	1	TT3	B2		10A		
04367		XA116	13						168	9			AQ248Q	04	AQ248Q	00	1	TDD	AQ		06B	AQ 24 - PRESET	
04368		XA125	77		XA124	04			168	9			AQ241A	01	AQ2490	01	2	TT3	F1		38B	BUS TO AQ REG. -	
04369		XA124	04						168	9			AQ241A	02	AQ241A	00	1	TT3	A1		04A		
04370		XA125	75		XA124	07			168	9			AQ242A	01	AQ2490	01	3	TT3	F1		37B		
04371		XA124	07						168	9			AQ242A	02	AQ242A	00	1	TT3	A2		03A	AQ RIGHT SHIFT 23	
04372		XA125	79		XA124	15			168	9			AQ243A	01	AQ2490	01	1	TT3	F1		39B		
04373		XA124	15						168	9			AQ243A	02	AQ243A	00	1	TT3	A3		07B	AQ LEFT SHIFT 25	
04374		XA125	73		XA116	08			168	9			AQ2490	01	AQ2490	00	1	TT3	F1		36B	AQ 24 DATA INPUT	
04375		XA116	08						168	9			AQ2490	02	AQ248I	01	1	TDD	A1		06A		
04378		XA214	75		XA116	09			168	9			AQ258P	01	AD19E7	01	3	ADD					
04379		XA116	09						168	9			AQ258P	02	AQ258P	00	1	TDD	BP		04B	AQ 25 - CLEAR	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	LOC	PREFIX	CONNECTOR	PIN	LOC	MULTI GROUP	CODE	COL. CR	IDENT												SPC. UNIT	
04380		XA331	17		XA124	09			168	9			AQ25BQ	01	DA25QD	01	1	TLD	B3		08B				
04381		XA124	09		XA123	05			168	9			AQ25BQ	02	AQ243A	01	1	TT3	A3		04B				
04382		XA123	05		XA116	07			168	9			AQ25BQ	03	AQ262A	01	1	TT3	A2		03B				
04383		XA116	07						168	9			AQ25BQ	04	AQ25BQ	00	1	TDD	BQ		03A		AQ 25 - PRESET		
04384		XA125	72		XA124	20			168	9			AQ251A	01	AQ2590	01	2	TT3	F2		34A				
04385		XA124	20						168	9			AQ251A	02	AQ251A	00	1	TT3	B1		11A		BUS TO AQ REG. -		
04386		XA125	65		XA124	19			168	9			AQ252A	01	AQ2590	01	3	TT3	F2		34B				
04387		XA124	19						168	9			AQ252A	02	AQ252A	00	1	TT3	B2		09B		AQ RIGHT SHIFT 24		
04388		XA125	71		XA124	27			168	9			AQ253A	01	AQ2590	01	1	TT3	F2		36A				
04389		XA124	27						168	9			AQ253A	02	AQ253A	00	1	TT3	B3		13B		AQ LEFT SHIFT 26		
04390		XA125	74		XA116	05			168	9			AQ2590	01	AQ2590	00	1	TT3	F2		35B		AQ 25 DATA INPUT		
04391		XA116	05						168	9			AQ2590	02	AQ258I	01	1	TDD	BI		03B				
04394		XA214	73		XA116	23			168	9			AQ268P	01	AD19E7	01	4	ADD							
04395		XA116	23						168	9			AQ268P	02	AQ268P	00	1	TDD	CP		11B		AQ 26 - CLEAR		
04396		XA331	18		XA124	25			168	9			AQ268Q	01	DA26QD	01	2	TLD	B2		10A				
04397		XA124	25		XA123	17			168	9			AQ268Q	02	AQ253A	01	3	TT3	B3		12B				
04398		XA123	17		XA116	25			168	9			AQ268Q	03	AQ272A	01	3	TT3	B2		08B				
04399		XA116	25						168	9			AQ268Q	04	AQ268Q	00	1	TDD	CQ		12B		AQ 26 - PRESET		
04400		XA125	76		XA123	04			168	9			AQ261A	01	AQ2690	01	2	TT3	F3		37A				
04401		XA123	04						168	9			AQ261A	02	AQ261A	00	1	TT3	A1		04A		BUS TO AQ REG. -		
04402		XA125	69		XA123	07			168	9			AQ262A	01	AQ2690	01	1	TT3	F3		35A				
04403		XA123	07						168	9			AQ262A	02	AQ262A	00	1	TT3	A2		03A		AQ RIGHT SHIFT 25		
04404		XA125	78		XA123	15			168	9			AQ263A	01	AQ2690	01	3	TT3	F3		38A				
04405		XA123	15						168	9			AQ263A	02	AQ263A	00	1	TT3	A3		07B		AQ LEFT SHIFT 27		
04406		XA125	80		XA116	24			168	9			AQ2690	01	AQ2690	00	1	TT3	F3		39A		AQ 26 DATA INPUT		
04407		XA116	24						168	9			AQ2690	02	AQ268I	01	1	TDD	CI		13A				
04410		XA214	71		XA116	21			168	9			AQ278P	01	AD19E7	01	5	ADD							
04411		XA116	21						168	9			AQ278P	02	AQ278P	00	1	TDD	DP		10B		AQ 27 - CLEAR		
04412		XA331	26		XA123	30			168	9			AQ278Q	01	DA27QD	01	1	TLD	B1		14A				
04413		XA123	30		XA123	09			168	9			AQ278Q	02	AQ282A	01	2	TT3	C2		15A				
04414		XA123	09		XA116	19			168	9			AQ278Q	03	AQ263A	01	1	TT3	A3		04B				
04415		XA116	19						168	9			AQ278Q	04	AQ278Q	00	1	TDD	OQ		09B		AQ 27 - PRESET		
04416		XA124	40		XA123	20			168	9			AQ271A	01	AQ2790	01	2	TT3	C1		19A				
04417		XA123	20						168	9			AQ271A	02	AQ271A	00	1	TT3	B1		11A		BUS TO AQ REG. -		
													***	SIGNAL	AQ272A	IS ON THE		NEXT PAGE		****					

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
04418		XA124	38			XA123	19			168	9		AQ272A	01	AQ2790	01	3	TT3	C1		18A		
04419		XA123	19							168	9		AQ272A	02	AQ272A	00	1	TT3	B2		09B	AQ RIGHT SHIFT 26	
04420		XA124	42			XA123	27			168	9		AQ273A	01	AQ2790	01	1	TT3	C1		20A		
04421		XA123	27							168	9		AQ273A	02	AQ273A	00	1	TT3	B3		13B	AQ LEFT SHIFT 28	
04422		XA124	36			XA116	18			168	9		AQ2790	01	AQ2790	00	1	TT3	C1		17A	AQ 27 DATA INPUT	
04423		XA116	18							168	9		AQ2790	02	AQ27BI	01	1	TDD	DI		10A		
04426		XA214	72			XA116	35			168	9		AQ288P	01	AD19E8	01	1	ADD					
04427		XA116	35							168	9		AQ288P	02	AQ288P	00	1	TDD	EP		17B	AQ 28 - CLEAR	
04428		XA331	11			XA123	21			168	9		AQ288Q	01	DA28QD	01	1	TLD	A4		05B		
04429		XA123	21			XA123	46			168	9		AQ288Q	02	AQ273A	01	1	TT3	B3		10B		
04430		XA123	46			XA116	37			168	9		AQ288Q	03	AQ292A	01	2	TT3	D2		21A		
04431		XA116	37							168	9		AQ288Q	04	AQ288Q	00	1	TDD	EQ		18B	AQ 28 - PRESET	
04432		XA124	30			XA123	36			168	9		AQ281A	01	AQ2890	01	2	TT3	C2		15A		
04433		XA123	36							168	9		AQ281A	02	AQ281A	00	1	TT3	C1		17A	BUS TO AQ REG. -	
04434		XA124	29			XA123	31			168	9		AQ282A	01	AQ2890	01	3	TT3	C2		14B		
04435		XA123	31							168	9		AQ282A	02	AQ282A	00	1	TT3	C2		15B	AQ RIGHT SHIFT 27	
04436		XA124	34			XA123	39			168	9		AQ283A	01	AQ2890	01	1	TT3	C2		16A		
04437		XA123	39							168	9		AQ283A	02	AQ283A	00	1	TT3	C3		19B	AQ LEFT SHIFT 29	
04438		XA124	31			XA116	40			168	9		AQ2890	01	AQ2890	00	1	TT3	C2		15B	AQ 28 DATA INPUT	
04439		XA116	40							168	9		AQ2890	02	AQ288I	01	1	TDD	EI		19A		
04442		XA214	65			XA116	33			168	9		AQ298P	01	AD19E8	01	2	ADD					
04443		XA116	33							168	9		AQ298P	02	AQ298P	00	1	TDD	FP		16B	AQ 29 - CLEAR	
04444		XA331	03			XA123	60			168	9		AQ298Q	01	DA29QD	01	1	TLD	A3		02A		
04445		XA123	60			XA123	37			168	9		AQ298Q	02	AQ302A	01	2	TT3	E2		28A		
04446		XA123	37			XA116	31			168	9		AQ298Q	03	AQ283A	01	3	TT3	C3		18B		
04447		XA116	31							168	9		AQ298Q	04	AQ298Q	00	1	TDD	FQ		15B	AQ 29 - PRESET	
04448		XA124	35			XA123	50			168	9		AQ291A	01	AQ2990	01	2	TT3	C3		17B		
04449		XA123	50							168	9		AQ291A	02	AQ291A	00	1	TT3	D1		23A	BUS TO AQ REG. -	
04450		XA124	33			XA123	43			168	9		AQ292A	01	AQ2990	01	1	TT3	C3		16B		
04451		XA123	43							168	9		AQ292A	02	AQ292A	00	1	TT3	D2		23B	AQ RIGHT SHIFT 28	
04452		XA124	37			XA123	51			168	9		AQ293A	01	AQ2990	01	3	TT3	C3		18B		
04453		XA123	51							168	9		AQ293A	02	AQ293A	00	1	TT3	D3		27B	AQ LEFT SHIFT 30	
04454		XA124	39			XA116	34			168	9		AQ2990	01	AQ2990	00	1	TT3	C3		19B	AQ 29 DATA INPUT	
04455		XA116	34							168	9		AQ2990	02	AQ298I	01	1	TDD	FI		16A		
04456		XA214	74			XA116	47			168	9		AQ308P	01	AD19E8	01	3	ADD					
										****	SIGNAL		AQ308P		S ON THE						****		

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RECORD NUMBER	FROM			D S	TO			WIRE				SIGNAL	SFU 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				
04457		XA116	47					168	9			AQ30BP	02	AQ30BP	00	1	TDD	GP		258		AQ 30 - CLEAR		
04458		XA331	05		XA123	72		168	9			AQ30BQ	01	DA30QD	01	2	TLD	A2		038				
04459		XA123	72		XA123	49		168	9			AQ30BQ	02	AQ312A	01	2	TT3	F2		34A				
04460		XA123	49		XA116	49		168	9			AQ30BQ	03	AQ293A	01	3	TT3	D3		268				
04461		XA116	49					168	9			AQ30BQ	04	AQ30BQ	00	1	TDD	GQ		268		AQ 30 - PRESET		
04462		XA123	64		XA115	49		168	9			AQ301A	01	AQ301A	00	1	TT3	E1		30A		BUS TO AQ REG. -		
04463		XA115	49					168	9			AQ301A	02	AQ3090	01	3	TT3	D3		268				
04464		XA123	55		XA115	45		168	9			AQ302A	01	AQ302A	00	1	TT3	E2		298		AQ RIGHT SHIFT 29		
04465		XA115	45					168	9			AQ302A	02	AQ3090	01	1	TT3	D3		248				
04466		XA123	63		XA115	47		168	9			AQ303A	01	AQ303A	00	1	TT3	E3		338		AQ LEFT SHIFT 31		
04467		XA115	47					168	9			AQ303A	02	AQ3090	01	2	TT3	D3		258				
04468		XA116	54		XA115	51		168	9			AQ3090	01	AQ308T	01	1	TDD	GT		25A				
04469		XA115	51					168	9			AQ3090	02	AQ3090	00	1	TT3	D3		278		AQ 30 DATA INPUT		
04472		XA235	78		XA231	57		168	9			AQ31BP	01	ACRS3A	01	4	T04	F1		38A				
04473		XA231	57		XA116	45		168	9			AQ31BP	02	ACC67A	01	1	TT3	E3		308				
04474		XA116	45		XA114	25		168	9			AQ31BP	03	AQ31BP	00	1	TDD	HP		248		AQ 31 - CLEAR		
04475		XA114	25					168	9			AQ31BP	04	AQ31C0	01	2	TQ2	B4		128				
04476		XA331	08		XA231	53		168	9			AQ31BQ	01	DA31QD	01	2	TLD	A1		06A				
04477		XA231	53		XA123	61		168	9			AQ31BQ	02	ACC66A	01	3	TT3	E2		288				
04478		XA123	61		XA116	43		168	9			AQ31BQ	03	AQ303A	01	3	TT3	E3		328				
04479		XA116	43		XA213	54		168	9			AQ31BQ	04	AQ31BQ	00	1	TDD	HQ		238		AQ 31 - PRESET		
04480		XA213	54					168	9			AQ31BQ	05	ARKY21A	01	2	TQ2	D1		25A				
04481		XA132	31		XA132	24		168	9			AQ31C0	01	AQ164A	01	7	TS8	C1		158				
04482		XA132	24		XA114	27		168	9			AQ31C0	02	AQ004A	01	2	TS8	B1		13A				
04483		XA114	27					168	9			AQ31C0	03	AQ31C0	00	1	TQ2	B4		138		AQ 31 TRUE OUTPUT		
04484		XA131	36		XA123	73		168	9			AQ311A	01	AQ3190	01	1	T04	C2		17A				
04485		XA123	73					168	9			AQ311A	02	AQ311A	00	1	TT3	F1		368		BUS TO AQ REG. -		
04486		XA131	31		XA123	74		168	9			AQ312A	01	AQ3190	01	4	T04	C2		158				
04487		XA123	74					168	9			AQ312A	02	AQ312A	00	1	TT3	F2		358		AQ RIGHT SHIFT 30		
04488		XA132	47		XA131	30		168	9			AQ314A	01	AQ314A	00	1	TS8	D1		258		AQ 31 LEFT SHIFT		
04489		XA131	30					168	9			AQ314A	02	AQ3190	01	3	T04	C2		15A				
04490		XA132	60		XA113	30		168	9			AQ315A	01	AQ317A	01	6	TS8	E1		28A				
04491		XA113	30					168	9			AQ315A	02	AQ315A	00	1	TQ2	C2		15A		DIVIDE QUOTIENT B		
04492		XA132	61		XA113	33		168	9			AQ316A	01	AQ317A	01	8	TS8	E1		328				
04493		XA113	33					168	9			AQ316A	02	AQ316A	00	1	TQ2	C3		168		DIVIDE QUOTIENT B		
04494		XA132	59		XA131	34		168	9			AQ317A	01	AQ317A	00	1	TS8	E1		318		DVD QTNT BIT TO A		
												****	SIGNAL	(AQ317A)	IS ON THE NEXT PAGE				****					

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERMINATOR	CONNECTION TYPE	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR								IDENT			
04495		XA131	34										AQ317A	02	AQ3190	01 2	T04 C2	16A				
04496		XA131	33			XA116	48						AQ3190	01	AQ3190	00 1	T04 C2	16B	AQ 31 DATA INPUT			
04497		XA116	48										AQ3190	02	AQ31B1	01 1	T00 HI	22A				
04498		XA142	07			XA142	05						AYADCA	01	AYADE0	01 2	T02 A3	03A				
04499		XA142	05			XA142	13						AYADCA	02	AYADD0	01 2	T02 A2	03B				
04500		XA142	13			XA142	08						AYADCA	03	AYADF0	01 2	T02 A4	06B				
04501		XA142	08			XA140	15						AYADCA	04	AYADC0	01 2	T02 A1	06A				
04502		XA140	15										AYADCA	05	AYADCA	00 1	T02 A4	07B	ADDER TO AY CONTR			
04503		XA151	71			XA151	53						AYADC0	01	AY062A	01 2	T02 F2	36A				
04504		XA151	53			XA151	54						AYADC0	02	AY052A	01 1	T02 E3	28B				
04505		XA151	54			XA151	47						AYADC0	03	AY032A	01 2	T02 D1	25A				
04506		XA151	47			XA151	34						AYADC0	04	AY042A	01 1	T02 D4	25B				
04507		XA151	34			XA151	17						AYADC0	05	AY022A	01 2	T02 C2	16A				
04508		XA151	17			XA151	05						AYADC0	06	AY012A	01 1	T02 B3	08B				
04509		XA151	05			XA151	11						AYADC0	07	AYSE2A	01 2	T02 A2	03B				
04510		XA151	11			XA150	05						AYADC0	08	AY002A	01 1	T02 A4	05B				
04511		XA150	05			XA142	06						AYADC0	09	AY072A	01 2	T02 A2	03B				
04512		XA142	06										AYADC0	10	AYADC0	00 1	T02 A1	05A	ADDER TO AY SE -			
04513		XA150	65			XA150	68						AYADD0	01	AY142A	01 1	T02 F3	34B				
04514		XA150	68			XA150	59						AYADD0	02	AY122A	01 2	T02 E1	32A				
04515		XA150	59			XA150	48						AYADD0	03	AY132A	01 1	T02 E4	31B				
04516		XA150	48			XA150	29						AYADD0	04	AY112A	01 2	T02 D2	22A				
04517		XA150	29			XA150	24						AYADD0	05	AY102A	01 1	T02 C3	14B				
04518		XA150	24			XA150	23						AYADD0	06	AY082A	01 2	T02 B1	13A				
04519		XA150	23			XA146	05						AYADD0	07	AY092A	01 1	T02 B4	11B				
04520		XA146	05			XA142	01						AYADD0	08	AY152A	01 2	T02 A2	03B				
04521		XA142	01										AYADD0	09	AYADD0	00 1	T02 A2	02B	ADDER TO AY 08 -			
04522		XA146	65			XA146	68						AYADE0	01	AY222A	01 1	T02 F3	34B				
04523		XA146	68			XA146	59						AYADE0	02	AY202A	01 2	T02 E1	32A				
04524		XA146	59			XA146	48						AYADE0	03	AY212A	01 1	T02 E4	31B				
04525		XA146	48			XA146	29						AYADE0	04	AY192A	01 2	T02 D2	22A				
04526		XA146	29			XA146	24						AYADE0	05	AY182A	01 1	T02 C3	14B				
04527		XA146	24			XA146	23						AYADE0	06	AY162A	01 2	T02 B1	13A				
04528		XA146	23			XA145	05						AYADE0	07	AY172A	01 1	T02 B4	11B				
04529		XA145	05			XA142	09						AYADE0	08	AY232A	01 2	T02 A2	03B				
04530		XA142	09										AYADE0	09	AYADE0	00 1	T02 A3	04B	ADDER TO AY 16 -			
04531		XA142	15			XA145	23						AYADF0	01	AYADF0	00 1	T02 A4	07B	ADDER TO AY 24 -			
04532		XA145	23			XA145	24						AYADF0	02	AY252A	01 1	T02 B4	11B				
04533		XA145	24			XA145	29						AYADF0	03	AY242A	01 2	T02 B1	13A				
04534		XA145	29			XA145	48						AYADF0	04	AY262A	01 1	T02 C3	14B				
04535		XA145	48			XA145	59						AYADF0	05	AY272A	01 2	T02 D2	22A				
04536		XA145	59			XA145	68						AYADF0	06	AY292A	01 1	T02 E4	31B				
04537		XA145	68			XA145	65						AYADF0	07	AY282A	01 2	T02 E1	32A				
04538		XA145	65			XA140	62						AYADF0	08	AY302A	01 1	T02 F3	34B				
													****	SIGNAL	(AYADF0)	S ON THE NEXT PAGE			****			

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UNIT ASSEMBLY NO. 149012

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	EQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	ORGP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	WIRE GROUP	CODE	COLOR	IDENT												
04539		XA140	62							168	9		AYADFO	09	AY312A	01	2	T02	F2		29A			
04540		XA139	01		XA139	10				168	9		AYCPCA	01	AY00BN	01	1	T00	BN		02B			
04541		XA139	10		XA139	26				168	9		AYCPCA	02	AYSEBN	01	1	T00	AN		07A			
04542		XA139	26		XA136	76				168	9		AYCPCA	03	AY01BN	01	1	T00	CN		14A			
04543		XA136	76							168	9		AYCPCA	04	AYCPCA	00	1	T04	F1		37A	AY SE - 01 CLOCK		
04544		XA136	59		XA136	57				168	9	P	AYCPEA	01	AYCPDB	01	1	T04	E1		31B	AY 02 - 15 CLOCK		
04545		XA136	57		XA138	01				168	9	P	AYCPFA	02	AYCPDB	02	1	T04	E2		30B	AY 02 - 15 CLOCK		
04546		XA138	01		XA138	10				168	9		AYCPDB	03	AY11BN	01	1	T00	BN		02B	AY 02 - 15 CLOCK		
04547		XA138	10		XA138	14				168	9		AYCPDB	04	AY10BN	01	1	T00	AN		07A	AY 02 - 15 CLOCK		
04548		XA138	14		XA139	14				168	9		AYCPDB	05	AY13BN	01	1	T00	DN		09A	AY 02 - 15 CLOCK		
04549		XA139	14		XA139	30				168	9		AYCPDB	06	AY02BN	01	1	T00	DN		09A	AY 02 - 15 CLOCK		
04550		XA139	30		XA138	26				168	9		AYCPDB	07	AY04BN	01	1	T00	FN		15A	AY 02 - 15 CLOCK		
04551		XA138	26		XA138	30				168	9		AYCPDB	08	AY12BN	01	1	T00	CN		14A	AY 02 - 15 CLOCK		
04552		XA138	30		XA138	42				168	9		AYCPDB	09	AY15BN	01	1	T00	FN		15A	AY 02 - 15 CLOCK		
04553		XA138	42		XA139	42				168	9		AYCPDB	10	AY14BN	01	1	T00	EN		20A	AY 02 - 15 CLOCK		
04554		XA139	42		XA139	46				168	9		AYCPDB	11	AY03BN	01	1	T00	EN		20A	AY 02 - 15 CLOCK		
04555		XA139	46		XA139	56				168	9		AYCPDB	12	AY06BN	01	1	T00	HN		21A	AY 02 - 15 CLOCK		
04556		XA139	56		XA139	60				168	9		AYCPDB	13	AY05BN	01	1	T00	GN		26A	AY 02 - 15 CLOCK		
04557		XA139	60		XA139	70				168	9		AYCPDB	14	AY08BN	01	1	T00	KN		28A	AY 02 - 15 CLOCK		
04558		XA139	70		XA139	79				168	9		AYCPDB	15	AY07BN	01	1	T00	JN		33A	AY 02 - 15 CLOCK		
04559		XA139	79							168	9		AYCPDB	16	AY09BN	01	1	T00	LN		39B	AY 02 - 15 CLOCK		
04560		XA136	59									J	AYCPEA	01	AYCPEA	00	1	T04	E1		31B	AYCPDB BUSS		
04561		XA136	57									J	AYCPFA	01	AYCPFA	00	1	T04	E2		30B	AYCPDB BUSS		
04562		XA137	01		XA137	10				168	9		AYCPGB	01	AY22BN	01	1	T00	BN		02B	AY 16 - 29 CLOCK		
04563		XA137	10		XA137	14				168	9		AYCPGB	02	AY21BN	01	1	T00	AN		07A	AY 16 - 29 CLOCK		
04564		XA137	14		XA137	26				168	9		AYCPGB	03	AY24BN	01	1	T00	DN		09A	AY 16 - 29 CLOCK		
04565		XA137	26		XA137	30				168	9		AYCPGB	04	AY23BN	01	1	T00	CN		14A	AY 16 - 29 CLOCK		
04566		XA137	30		XA137	42				168	9		AYCPGB	05	AY26BN	01	1	T00	FN		15A	AY 16 - 29 CLOCK		
04567		XA137	42		XA137	46				168	9		AYCPGB	06	AY25BN	01	1	T00	EN		20A	AY 16 - 29 CLOCK		
04568		XA137	46		XA138	46				168	9		AYCPGB	07	AY28BN	01	1	T00	HN		21A	AY 16 - 29 CLOCK		
04569		XA138	46		XA136	45				168	9		AYCPGB	08	AY17BN	01	1	T00	HN		21A	AY 16 - 29 CLOCK		
04570		XA136	45		XA136	47				168	9	P	AYCPJA	09	AYCPGB	02	1	T04	D2		24B	AY 16 - 29 CLOCK		
04571		XA136	47		XA138	60				168	9	P	AYCPHA	10	AYCPGB	01	1	T04	D1		25B	AY 16 - 29 CLOCK		
04572		XA138	60		XA138	56				168	9		AYCPGB	11	AY19BN	01	1	T00	KN		26A	AY 16 - 29 CLOCK		
04573		XA138	56		XA137	56				168	9		AYCPGB	12	AY16BN	01	1	T00	GN		26A	AY 16 - 29 CLOCK		
04574		XA137	56		XA137	70				168	9		AYCPGB	13	AY27BN	01	1	T00	GN		26A	AY 16 - 29 CLOCK		
04575		XA137	70		XA138	70				168	9		AYCPGB	14	AY29BN	01	1	T00	JN		33A	AY 16 - 29 CLOCK		
04576		XA138	70		XA138	79				168	9		AYCPGB	15	AY18BN	01	1	T00	JN		33A	AY 16 - 29 CLOCK		
04577		XA138	79							168	9		AYCPGB	16	AY20BN	01	1	T00	LN		39B	AY 16 - 29 CLOCK		
04578		XA136	47									J	AYCPHA	01	AYCPHA	00	1	T04	D1		25B	AYCPGB BUSS		
04579		XA136	45									J	AYCPJA	01	AYCPJA	00	1	T04	D2		24B	AYCPGB BUSS		
04580		XA137	79		XA136	69				168	9		AYCPKA	01	AY31BN	01	1	T00	LN		39B			
													****	SIGNAL	AYCPKA								IS ON THE NEXT PAGE	****

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OF CHIP TYPE	GROUP	LOAD UP POWER PLANE	TEST POINT LOCATION	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
04581		XA136	69		XA137	60			16B	9			AYCPKA	02	AYCPKA	00	1	T04	F2		35A	AY 30 - 31 CLOCK	
04582		XA137	60						16B	9			AYCPKA	03	AY30BN	01	1	T00	KN		28A		
04583		XA136	50		XA136	49			16B	9			AYCP1A	01	AYCPJA	01	1	T04	D2		23A		
04584		XA136	45		XA136	64			16B	9			AYCP1A	02	AYCPHA	01	4	T04	D1		26B		
04585		XA136	64		XA136	70			16B	9			AYCP1A	03	AYCPFA	01	1	T04	E2		30A		
04586		XA136	70		XA136	73			16B	9			AYCP1A	04	AYCPEA	01	1	T04	F1		33A		
04587		XA136	73		XA136	77			16B	9			AYCP1A	05	AYCPKA	01	1	T04	F2		36B		
04588		XA136	77		XA131	76			16B	9			AYCP1A	06	AYCPCA	01	2	T04	F1		38B		
04589		XA131	76						16B	9			AYCP1A	07	AYCP1A	00	1	T04	F1		37A	AY CLOCK DISABLE	
04590		XA136	48		XA136	56			16B	9			AYCP2A	01	AYCPJA	01	2	T04	D2		22A		
04591		XA136	56		XA130	75			16B	9			AYCP2A	02	AYCPHA	01	1	T04	D1		26A		
04592		XA130	75						16B	9			AYCP2A	03	AYCP2A	00	1	TQ2	F1		37B	AY 16 - 29 CLOCK	
04593		XA136	25		XA130	65			16B	9			AYCP20	01	AYCP20	00	1	T04	B1		11B	AY PARTIAL CLOCK	
04594		XA130	65		XA130	73			16B	9			AYCP20	02	AYCP4A	01	1	TQ2	F3		34B		
04595		XA130	73		XA130	77			16B	9			AYCP20	03	AYCP3A	01	1	TQ2	F2		36B		
04596		XA130	77						16B	9			AYCP20	04	AYCP2A	01	2	TQ2	F1		38B		
04597		XA136	55		XA136	66			16B	9			AYCP3A	01	AYCPFA	01	4	T04	E2		29B		
04598		XA136	66		XA130	72			16B	9			AYCP3A	02	AYCPEA	01	3	T04	E1		31A		
04599		XA130	72						16B	9			AYCP3A	03	AYCP3A	00	1	TQ2	F2		34A	AY 02 - 15 CLOCK	
04600		XA136	72		XA130	69			16B	9			AYCP4A	01	AYCPKA	01	3	T04	F2		34A		
04601		XA130	69						16B	9			AYCP4A	02	AYCP4A	00	1	TQ2	F3		35A	AY 30 - 31 CLOCK	
04602		XA136	43		XA136	52			16B	9			AYCP5A	01	AYCPJA	01	4	T04	D2		23B		
04603		XA136	52		XA136	62			16B	9			AYCP5A	02	AYCPHA	01	3	T04	D1		24A		
04604		XA136	62		XA136	61			16B	9			AYCP5A	03	AYCPFA	01	2	T04	E2		29A		
04605		XA136	61		XA136	74			16B	9			AYCP5A	04	AYCPEA	01	4	T04	E1		32B		
04606		XA136	74		XA136	78			16B	9			AYCP5A	05	AYCPKA	01	4	T04	F2		35B		
04607		XA136	78		XA131	69			16B	9			AYCP5A	06	AYCPCA	01	4	T04	F1		38A		
04608		XA131	69						16B	9			AYCP5A	07	AYCP5A	00	1	T04	F2		35A	AY QUALIFIED CLOC	
04609		XA136	24		XA140	69			16B	9			AYCP6A	01	AYCP20	01	2	T04	B1		13A		
04610		XA140	69		XA136	75			16B	9			AYCP6A	02	AYCP6A	00	1	TQ2	F3		35A	AY SE - 29 CLOCK	
04611		XA136	75		XA130	74			16B	9			AYCP6A	03	AYCPCA	01	3	T04	F1		37B		
04612		XA130	74						16B	9			AYCP6A	04	AYCP4A	01	2	TQ2	F3		35B		
04613		XA136	25		XA130	80			16B	9			AYCP7A	01	AYCP20	01	4	T04	B1		12B		
04614		XA130	80						16B	9			AYCP7A	02	AYCP7A	00	1	TQ2	F4		39A	AY 02 - 31 CLOCK	
04615		XA136	26		XA140	80			16B	9			AYCP8A	01	AYCP20	01	1	T04	B1		14A		
04616		XA140	80		XA130	71			16B	9			AYCP8A	02	AYCP8A	00	1	TQ2	F4		39A	AY 16 - 31 CLOCK	
04617		XA130	71						16B	9			AYCP8A	03	AYCP3A	01	2	TQ2	F2		36A		
04618		XA142	24		XA142	25			16B	9			AYDRCA	01	AYDBCO	01	2	TQ2	B1		13A		
04619		XA142	25		XA142	18			16B	9			AYDRCA	02	AYDBFO	01	2	TQ2	B4		12B		
04620		XA142	18		XA142	17			16B	9			AYDRCA	03	AYDBDO	01	2	TQ2	B2		10A		
									****			SIGNAL	AYDRCA		IS ON THE					****			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFU NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GOLF	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	NUM. IN GROUP	CODE	COLOR	DEN.												SPEC. INST. WIRE
04621		XA142	17		XA136	21			16B	9			AYDBCA	04	AYDBE0	00	1	TQ2	B3		08B			
04622		XA136	21						16B	9			AYDBCA	05	AYDBCA	00	1	TD4	B2		10B	DB TO AY 00 - 31		
04623		XA151	77		XA151	76			16B	9			AYDBCO	01	AY061A	01	2	TQ2	F1		38B			
04624		XA151	76		XA151	62			16B	9			AYDBCO	02	AY071A	01	1	TQ2	F4		37A			
04625		XA151	62		XA151	41			16B	9			AYDBCO	03	AY051A	01	2	TQ2	E2		29A			
04626		XA151	41		XA151	40			16B	9			AYDBCO	04	AY041A	01	1	TQ2	U3		22B			
04627		XA151	40		XA151	35			16B	9			AYDBCO	05	AY021A	01	2	TQ2	C1		19A			
04628		XA151	35		XA151	18			16B	9			AYDBCO	06	AY031A	01	1	TQ2	C4		17B			
04629		XA151	18		XA151	03			16B	9			AYDBCO	07	AY011A	01	2	TQ2	B2		10A			
04630		XA151	03		XA142	22			16B	9			AYDBCO	08	AY001A	01	1	TQ2	A3		02A			
04631		XA142	22						16B	9			AYDBCO	09	AY08CO	00	1	TQ2	B1		12A	DB TO AY 00 - 07		
04632		XA150	71		XA150	53			16B	9			AYDBDO	01	AY141A	01	2	TQ2	F2		36A			
04633		XA150	53		XA150	54			16B	9			AYDBDO	02	AY131A	01	1	TQ2	E3		28B			
04634		XA150	54		XA150	47			16B	9			AYDBDO	03	AY111A	01	2	TQ2	D1		25A			
04635		XA150	47		XA150	34			16B	9			AYDBDO	04	AY121A	01	1	TQ2	04		25B			
04636		XA150	34		XA150	17			16B	9			AYDBDO	05	AY101A	01	2	TQ2	C2		16A			
04637		XA150	17		XA150	13			16B	9			AYDBDO	06	AY091A	01	1	TQ2	B3		08B			
04638		XA150	13		XA146	08			16B	9			AYDBDO	07	AY081A	01	2	TQ2	A4		06B			
04639		XA146	08		XA142	14			16B	9			AYDBDO	08	AY151A	01	2	TQ2	A1		06A			
04640		XA142	14						16B	9			AYDBDO	09	AY08DO	00	1	TQ2	B2		09A	DB TO AY 08 - 15		
04641		XA146	71		XA146	53			16B	9			AYDBEO	01	AY221A	01	2	TQ2	F2		36A			
04642		XA146	53		XA146	54			16B	9			AYDBEO	02	AY211A	01	1	TQ2	E3		28B			
04643		XA146	54		XA146	47			16B	9			AYDBEO	03	AY191A	01	2	TQ2	D1		25A			
04644		XA146	47		XA146	34			16B	9			AYDBEO	04	AY201A	01	1	TQ2	04		25B			
04645		XA146	34		XA146	17			16B	9			AYDBEO	05	AY181A	01	2	TQ2	C2		16A			
04646		XA146	17		XA145	08			16B	9			AYDBEO	06	AY171A	01	1	TQ2	B3		08B			
04647		XA145	08		XA146	11			16B	9			AYDBEO	07	AY231A	01	2	TQ2	A1		06A			
04648		XA146	11		XA142	21			16B	9			AYDBEO	08	AY161A	01	1	TQ2	A4		05B			
04649		XA142	21						16B	9			AYDBEO	09	AY08EO	00	1	TQ2	B3		10B	DB TO AY 16 - 23		
04650		XA142	27		XA145	13			16B	9			AYDBFO	01	AY08FO	00	1	TQ2	B4		13B	DB TO AY 24 - 31		
04651		XA145	13		XA145	17			16B	9			AYDBFO	02	AY241A	01	2	TQ2	A4		06B			
04652		XA145	17		XA145	34			16B	9			AYDBFO	03	AY251A	01	1	TQ2	B3		08B			
04653		XA145	34		XA145	47			16B	9			AYDBFO	04	AY261A	01	2	TQ2	C2		16A			
04654		XA145	47		XA145	54			16B	9			AYDBFO	05	AY281A	01	1	TQ2	D4		25B			
04655		XA145	54		XA145	53			16B	9			AYDBFO	06	AY271A	01	2	TQ2	D1		25A			
04656		XA145	53		XA145	71			16B	9			AYDBFO	07	AY291A	01	1	TQ2	E3		28B			
04657		XA145	71		XA140	70			16B	9			AYDBFO	08	AY301A	01	2	TQ2	F2		36A			
04658		XA140	70						16B	9			AYDBFO	09	AY311A	01	1	TQ2	E1		33A			
04659		XA143	22		XA140	14			16B	9			AYDBGO	01	AYSE1A	01	3	TD4	B1		12A			
04660		XA140	14						16B	9			AYDBGO	02	AY08GO	00	1	TQ2	B2		09A	DB 00 TO AY SE CN		
04661		XA142	19		XA142	23			16B	9			AYDBIA	01	AYDBEO	01	2	TQ2	B3		09B			
04662		XA142	23		XA140	22			16B	9			AYDBIA	02	AY08FO	01	1	TQ2	B4		11B			
04663		XA140	22						16B	9			AYDBIA	03	AYDBIA	00	1	TQ2	B1		12A	DB TO AY 16 - 31		
													****	SIGNAL	AYHXCA	S ON THE NEXT PAGE				****				



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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COL IN	IDENT											
04664		XA141	06		XA140	08		16B	9			AYHXCA	01	AYHXCA	00	1	TQ2	A1	05A	AY HALF-WORD EXCE	
04665		XA140	08					16B	9			AYHXCA	02	AYHXCO	01	2	TQ2	A1	06A		
21475		XA105	41		XA140	06		16B	9			AYHXCO	01				EXT				
04669		XA140	06					16B	9			AYHXCO	02	AYHXCO	00	1	TQ2	A1	05A	AY HALF-WORD EXCE	
04670		XA143	11		XA141	10		16B	9			AYHOCA	01	AYHOCA	03	1	TQ4	A1	05B	AY ZERO DECODE -	
04671		XA141	10					16B	9			AYHOCA	02	AYHXCA	01	1	TQ2	A1	07A		
04672		XA147	35		XA140	40		16B	9			AYHO1A	01	AYHO1A	00	1	TS8	C1	17B	AY ZERO DECODE -	
04673		XA140	40					16B	9			AYHO1A	02	AYHO10	01	2	TQ2	C1	19A		
04674		XA143	08		XA140	38		16B	9			AYHO10	01	AYHOCA	01	2	TQ4	A1	06A	AY ZERO DECODE -	
04675		XA140	38					16B	9			AYHO10	02	AYHO10	00	1	TQ2	C1	18A	AY ZERO DECODE -	
04676		XA147	47		XA140	36		16B	9			AYHO2A	01	AYHO2A	00	1	TS8	D1	25B	AY ZERO DECODE -	
04677		XA140	36					16B	9			AYHO2A	02	AYHO20	01	1	TQ2	C2	17A		
04678		XA143	13		XA140	30		16B	9			AYHO20	01	AYHOCA	01	4	TQ4	A1	06B	AY ZERO DECODE -	
04679		XA140	30					16B	9			AYHO20	02	AYHO20	00	1	TQ2	C2	15A	AY ZERO DECODE -	
04680		XA143	09		XA141	08		16B	9			AYH1CA	01	AYH1CA	00	1	TQ4	A2	04B	AY ONES DECODE -	
04681		XA141	08					16B	9			AYH1CA	02	AYHXCA	01	2	TQ2	A1	06A		
04682		XA147	59		XA140	31		16B	9			AYH11A	01	AYH11A	00	1	TS8	E1	31B	AY ONES DECODE -	
04683		XA140	31					16B	9			AYH11A	02	AYH110	01	2	TQ2	C3	15B		
04684		XA143	07		XA140	33		16B	9			AYH110	01	AYH1CA	01	4	TQ4	A2	03A	AY ONES DECODE -	
04685		XA140	33					16B	9			AYH110	02	AYH110	00	1	TQ2	C3	16B	AY ONES DECODE -	
04686		XA147	76		XA140	37		16B	9			AYH12A	01	AYH12A	03	1	TS8	F1	37A	AY ONES DECODE -	
04687		XA140	37					16B	9			AYH12A	02	AYH120	01	2	TQ2	C4	18B		
04688		XA143	04		XA140	39		16B	9			AYH120	01	AYH1CA	01	1	TQ4	A2	04A	AY ONES DECODE -	
04689		XA140	39					16B	9			AYH120	02	AYH120	00	1	TQ2	C4	19B	AY ONES DECODE -	
04690		XA142	40		XA141	38		16B	9			AYKOCA	01	AYKOCO	01	2	TQ2	C1	19A		
04691		XA141	38		XA140	18		16B	9			AYKOCA	02	AYKOCA	00	1	TQ2	C1	18A	AY CONTROL 2 DCD	
04692		XA140	18					16B	9			AYKOCA	03	AYD8G0	01	2	TQ2	B2	10A		
04693		XA148	13		XA149	43		16B	9			AYKOCO	01	AYSE7A	01	4	TQ4	A1	06B		
04694		XA149	43		XA142	38		16B	9			AYKOCO	02	AY087A	01	4	TQ4	D2	23B		
04695		XA142	38		XA141	13		16B	9			AYKOCO	03	AYKOCO	00	1	TQ2	C1	18A	AY CONTROL 2 DCD	
04696		XA141	13					16B	9			AYKOCO	04	AYRC2A	01	2	TQ2	A4	06B		
04697		XA142	34		XA141	30		16B	9			AYK1CA	01	AYK1CO	01	2	TQ2	C2	16A		
04698		XA141	30					16B	9			AYK1CA	02	AYK1CA	00	1	TQ2	C2	15A	AY CONTROL 2 DCD	
04699		XA142	30		XA141	04		16B	9			AYK1CO	01	AYK1CO	00	1	TQ2	C2	15A	AY CONTROL 2 DCD	
04700		XA141	04					16B	9			AYK1CO	02	AYMKCA	01	1	TQ2	A2	04A		

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	PREFIX	CONNECTOR	PIN	SHFT	PREFIX	CONNECTOR	PIN	SHFT	MULTI GROUP	COND	COLOR	IDENT												SP. INST. WIRE
04701		XA142	31		XA141	33				168	9		AYK2CA	01	AYK2C0	01	2	TQ2	C3		15B			
04702		XA141	33							168	9		AYK2CA	02	AYK2CA	00	1	TQ2	C3		16B	AY CONTROL 2 DCD		
04703		XA144	03		XA144	08				168	9		AYK2C0	01	AY016A	01	3	TT3	A2		02A			
04704		XA144	08		XA142	33				168	9		AYK2C0	02	AY006A	01	2	TT3	A1		06A			
04705		XA142	33		XA140	55				168	9		AYK2C0	03	AYK2C0	00	1	TQ2	C3		16B	AY CONTROL 2 DCD		
04706		XA140	55		XA140	76				168	9		AYK2C0	04	AY317A	01	2	TQ2	E3		25B			
04707		XA140	76		XA130	78				168	9		AYK2C0	05	AYCP8A	01	1	TQ2	F4		37A			
04708		XA130	78							168	9		AYK2C0	06	AYCP7A	01	2	TQ2	F4		38A			
04709		XA141	39		XA142	35				168	9		AYK3CA	01	AYK3CA	03	1	TQ2	C4		19B	AY CONTROL 2 DCD		
04710		XA142	35		XA140	20				168	9		AYK3CA	02	AYK3C0	01	1	TQ2	C4		17B			
04711		XA140	20							168	9		AYK3CA	03	AY08G0	01	1	TQ2	B2		11A			
04712		XA141	03		XA140	17				168	9		AYK3C0	01	AYRC1A	01	1	TQ2	A3		02A			
04713		XA140	17		XA142	39				168	9		AYK3C0	02	AYLSCA	01	1	TQ2	B3		08B			
04714		XA142	39		XA140	61				168	9		AYK3C0	03	AYK3C0	00	1	TQ2	C4		19B	AY CONTROL 2 DCD		
04715		XA140	61		XA140	65				168	9		AYK3C0	04	AY318A	01	2	TQ2	E4		32B			
04716		XA140	65		XA144	76				168	9		AYK3C0	05	AYCP6A	01	1	TQ2	F3		34B			
04717		XA144	76		XA131	73				168	9		AYK3C0	06	AY307A	01	2	TT3	F3		37A			
04718		XA131	73							168	9		AYK3C0	07	AYCP5A	01	1	TQ4	F2		36B			
04719		XA142	54		XA141	52				168	9		AYK4CA	01	AYK4C0	01	2	TQ2	D1		25A			
04720		XA141	52		XA140	59				168	9		AYK4CA	02	AYK4CA	00	1	TQ2	D1		24A	AY CONTROL 1 DCD		
04721		XA140	59							168	9		AYK4CA	03	AY318A	01	1	TQ2	E4		31B			
04722		XA140	13		XA142	52				168	9		AYK4C0	01	AYADCA	01	2	TQ2	A4		06B			
04723		XA142	52		XA131	72				168	9		AYK4C0	02	AYK4C0	00	1	TQ2	D1		24A	AY CONTROL 1 DCD		
04724		XA131	72							168	9		AYK4C0	03	AYCP5A	01	3	TQ4	F2		34A			
04725		XA142	48		XA141	46				168	9		AYK5CA	01	AYK5C0	01	2	TQ2	D2		22A			
04726		XA141	46							168	9		AYK5CA	02	AYK5CA	00	1	TQ2	D2		21A	AY CONTROL 1 DCD		
04727		XA143	26		XA142	46				168	9		AYK5C0	01	AYSE1A	01	1	TQ4	B1		14A			
04728		XA142	46		XA140	53				168	9		AYK5C0	02	AYK5C0	00	1	TQ2	D2		21A	AY CONTROL 1 DCD		
04729		XA140	53							168	9		AYK5C0	03	AY317A	01	1	TQ2	E3		28B			
04730		XA142	43		XA141	45				168	9		AYK6CA	01	AYK6C0	01	2	TQ2	D3		23B			
04731		XA141	45							168	9		AYK6CA	02	AYK6CA	00	1	TQ2	D3		24B	AY CONTROL 1 DCD		
04732		XA149	46		XA148	08				168	9		AYK6C0	01	AY087A	01	3	TQ4	D2		21A			
04733		XA148	08		XA141	07				168	9		AYK6C0	02	AYSE7A	01	2	TQ4	A1		06A			
04734		XA141	07		XA140	19				168	9		AYK6C0	03	AYRC1A	01	2	TQ2	A3		03A			
04735		XA140	19		XA140	24				168	9		AYK6C0	04	AYLSCA	01	2	TQ2	B3		09B			
04736		XA140	24		XA142	45				168	9		AYK6C0	05	AYDB1A	01	2	TQ2	B1		13A			
04737		XA142	45		XA140	78				168	9		AYK6C0	06	AYK6C0	00	1	TQ2	D3		24B	AY CONTROL 1 DCD		
04738		XA140	78							168	9		AYK6C0	07	AYCP8A	01	2	TQ2	F4		38A			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												WIRE	
04739		XA142	49		XA141	51				16B	9		AYK7CA	01	AYK7C0	01	2	TQ2	D4		26B				
04740		XA141	51							16B	9		AYK7CA	02	AYK7CA	00	1	TQ2	D4		27B	AY CONTROL 1 DCD			
04741		XA141	11		XA141	05				16B	9		AYK7C0	01	AYRC2A	01	1	TQ2	A4		05B				
04742		XA141	05		XA144	05				16B	9		AYK7C0	02	AYMKCA	01	2	TQ2	A2		03B				
04743		XA144	05		XA144	06				16B	9		AYK7C0	03	AYQ16A	01	1	TT3	A2		03B				
04744		XA144	06		XA142	51				16B	9		AYK7C0	04	AY006A	01	3	TT3	A1		05A				
04745		XA142	51		XA140	74				16B	9		AYK7C0	05	AYK7C0	00	1	TQ2	D4		27B	AY CONTROL 1 DCD			
04746		XA140	74		XA144	69				16B	9		AYK7C0	06	AYCP6A	01	2	TQ2	F3		35B				
04747		XA144	69		XA130	76				16B	9		AYK7C0	07	AY307A	01	1	TT3	F3		35A				
04748		XA130	76							16B	9		AYK7C0	08	AYCP7A	01	1	TQ2	F4		37A				
04749		XA141	24		XA141	25				16B	9		AYLSCA	01	AYLS00	01	2	TQ2	B1		13A				
04750		XA141	25		XA141	18				16B	9		AYLSCA	02	AYLSF0	01	2	TQ2	B4		12B				
04751		XA141	18		XA141	19				16B	9		AYLSCA	03	AYLSD0	01	2	TQ2	B2		10A				
04752		XA141	19		XA140	21				16B	9		AYLSCA	04	AYLSE0	01	2	TQ2	B3		09B				
04753		XA140	21							16B	9		AYLSCA	05	AYLSCA	00	1	TQ2	B3		10B	AY LEFT SHIFT CNT			
04754		XA151	74		XA151	70				16B	9		AYLS00	01	AY063A	01	2	TQ2	F3		35B				
04755		XA151	70		XA151	61				16B	9		AYLS00	02	AY043A	01	1	TQ2	E1		33A				
04756		XA151	61		XA151	50				16B	9		AYLS00	03	AY053A	01	2	TQ2	E4		32B				
04757		XA151	50		XA151	29				16B	9		AYLS00	04	AY033A	01	1	TQ2	D2		23A				
04758		XA151	29		XA151	24				16B	9		AYLS00	05	AY023A	01	1	TQ2	C3		14B				
04759		XA151	24		XA151	23				16B	9		AYLS00	06	AY003A	01	2	TQ2	B1		13A				
04760		XA151	23		XA150	07				16B	9		AYLS00	07	AY013A	01	1	TQ2	B4		11B				
04761		XA150	07		XA141	22				16B	9		AYLS00	08	AY073A	01	2	TQ2	A3		03A				
04762		XA141	22							16B	9		AYLS00	09	AYLS00	00	1	TQ2	B1		12A	AY 01 - 08 LEFT S			
04763		XA150	77		XA150	76				16B	9		AYLSD0	01	AY133A	01	2	TQ2	F1		38B				
04764		XA150	76		XA150	62				16B	9		AYLSD0	02	AY143A	01	1	TQ2	F4		37A				
04765		XA150	62		XA150	41				16B	9		AYLSD0	03	AY123A	01	2	TQ2	E2		29A				
04766		XA150	41		XA150	40				16B	9		AYLSD0	04	AY113A	01	1	TQ2	D3		22B				
04767		XA150	40		XA150	35				16B	9		AYLSD0	05	AY093A	01	2	TQ2	C1		19A				
04768		XA150	35		XA150	18				16B	9		AYLSD0	06	AY103A	01	1	TQ2	C4		17B				
04769		XA150	18		XA146	07				16B	9		AYLSD0	07	AY083A	01	2	TQ2	B2		10A				
04770		XA146	07		XA141	14				16B	9		AYLSD0	08	AY153A	01	2	TQ2	A3		03A				
04771		XA141	14							16B	9		AYLSD0	09	AYLSD0	00	1	TQ2	B2		09A	AY 09 - 16 LEFT S			
04772		XA146	77		XA146	76				16B	9		AYLSE0	01	AY213A	01	2	TQ2	F1		38B				
04773		XA146	76		XA146	64				16B	9		AYLSE0	02	AY223A	01	1	TQ2	F4		37A				
04774		XA146	64		XA146	41				16B	9		AYLSE0	03	AY203A	01	1	TQ2	E2		30A				
04775		XA146	41		XA146	40				16B	9		AYLSE0	04	AY193A	01	1	TQ2	D3		22B				
04776		XA146	40		XA146	35				16B	9		AYLSE0	05	AY173A	01	2	TQ2	C1		19A				
04777		XA146	35		XA146	18				16B	9		AYLSE0	06	AY183A	01	1	TQ2	C4		17B				
04778		XA146	18		XA145	03				16B	9		AYLSE0	07	AY163A	01	2	TQ2	B2		10A				
04779		XA145	03		XA141	21				16B	9		AYLSE0	08	AY233A	01	1	TQ2	A3		02A				
04780		XA141	21							16B	9		AYLSE0	09	AYLSE0	00	1	TQ2	B3		10B	AY 17 - 24 LEFT S			
04781		XA145	77		XA145	64				16B	9		AYLSF0	01	AY293A	01	2	TQ2	F1		38B				
04782		XA145	64		XA145	43				16B	9		AYLSF0	02	AY283A	01	1	TQ2	E2		30A				
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE												COLOR
04783		XA145	43		XA145	42			16B	9		AYLSFO	03	AY273A	01	2	TQ2	D3	23B		
04784		XA145	42		XA145	35			16B	9		AYLSFO	04	AY253A	01	1	TQ2	C1	20A		
04785		XA145	35		XA145	18			16B	9		AYLSFO	05	AY263A	01	1	TQ2	C4	17B		
04786		XA145	18		XA141	27			16B	9		AYLSFO	06	AY243A	01	2	TQ2	B2	10A		
04787		XA141	27						16B	9		AYLSFO	07	AYLSFO	00	1	TQ2	B4	13B	AY 25 - 3I LEFT S	
04788		XA141	01		XA140	05			16B	9		AYMKCA	01	AYMKCA	00	1	TQ2	A2	02B	MASK TO AY 16 - 3	
04789		XA140	05		XA140	07			16B	9		AYMKCA	02	AYMKCO	01	2	TQ2	A2	03B		
04790		XA140	07		XA136	14			16B	9		AYMKCA	03	AYMKDO	01	2	TQ2	A3	03A		
04791		XA136	14						16B	9		AYMKCA	04	AYDBCA	01	3	TQ4	B2	09A		
04792		XA144	54		XA144	40			16B	9		AYMKCO	01	AY234A	01	2	TT3	D1	25A		
04793		XA144	40		XA144	35			16B	9		AYMKCO	02	AY204A	01	2	TT3	C1	19A		
04794		XA144	35		XA144	30			16B	9		AYMKCO	03	AY224A	01	2	TT3	C3	17B		
04795		XA144	30		XA144	26			16B	9		AYMKCO	04	AY214A	01	2	TT3	C2	15A		
04796		XA144	26		XA144	23			16B	9		AYMKCO	05	AY174A	01	1	TT3	B1	14A		
04797		XA144	23		XA144	14			16B	9		AYMKCO	06	AY194A	01	2	TT3	B3	11B		
04798		XA144	14		XA144	13			16B	9		AYMKCO	07	AY184A	01	2	TT3	B2	09A		
04799		XA144	13		XA140	01			16B	9		AYMKCO	08	AY164A	01	3	TT3	A3	06B		
04800		XA140	01						16B	9		AYMKCO	09	AYMKCO	00	1	TQ2	A2	02B	MASK TO AY 16 - 2	
04801		XA144	77		XA144	71			16B	9		AYMKDO	01	AY294A	01	2	TT3	F1	38B		
04802		XA144	71		XA144	70			16B	9		AYMKDO	02	AY304A	01	1	TT3	F2	36A		
04803		XA144	70		XA144	59			16B	9		AYMKDO	03	AY264A	01	1	TT3	E1	33A		
04804		XA144	59		XA144	53			16B	9		AYMKDO	04	AY284A	01	2	TT3	E3	31B		
04805		XA144	53		XA144	47			16B	9		AYMKDO	05	AY274A	01	3	TT3	E2	28B		
04806		XA144	47		XA144	41			16B	9		AYMKDO	06	AY254A	01	2	TT3	D3	25B		
04807		XA144	41		XA143	20			16B	9		AYMKDO	07	AY244A	01	3	TT3	D2	22B		
04808		XA143	20		XA140	09			16B	9		AYMKDO	08	AY314A	01	1	TQ4	B2	11A		
04809		XA140	09						16B	9		AYMKDO	09	AYMKDO	00	1	TQ2	A3	04B	MASK TO AY 24 - 3	
04810		XA142	68		XA141	66			16B	9		AYMCCA	01	AYMOCO	01	2	TQ2	E1	32A		
04811		XA141	66						16B	9		AYMCCA	02	AYMCCA	00	1	TQ2	F1	31A	MASK GROUP 1 DCD	
04812		XA144	11		XA144	17			16B	9		AYMOCO	01	AY164A	01	2	TT3	A3	05B		
04813		XA144	17		XA144	21			16B	9		AYMOCO	02	AY184A	01	3	TT3	B2	08B		
04814		XA144	21		XA144	24			16B	9		AYMOCO	03	AY194A	01	1	TT3	B3	10B		
04815		XA144	24		XA142	66			16B	9		AYMOCO	04	AY174A	01	2	TT3	B1	13A		
04816		XA142	66						16B	9		AYMOCO	05	AYMOCO	00	1	TQ2	E1	31A	MASK GROUP 1 DCD	
04817		XA142	62		XA141	60			16B	9		AYMICA	01	AYMICO	01	2	TQ2	E2	29A		
04818		XA141	60						16B	9		AYMICA	02	AYMICA	00	1	TQ2	E2	28A	MASK GROUP 1 DCD	
04819		XA144	29		XA144	33			16B	9		AYMICO	01	AY214A	01	3	TT3	C2	14B		
04820		XA144	33		XA144	42			16B	9		AYMICO	02	AY224A	01	1	TT3	C3	16B		
04821		XA144	42		XA144	52			16B	9		AYMICO	03	AY204A	01	1	TT3	C1	20A		
04822		XA144	52		XA142	60			16B	9		AYMICO	04	AY234A	01	3	TT3	D1	24A		
04823		XA142	60						16B	9		AYMICO	05	AYMICO	00	1	TQ2	E2	28A	MASK GROUP 1 DCD	
04824		XA142	55		XA141	57			16B	9		AYM2CA	01	AYM2CO	01	2	TQ2	E3	29B		
****											SIGNAL	AYM2CA	IS ON THE			NEXT PAGE			****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
04825		XA141	57						16B	9			AYM2CA	02	AYM2CA	00	1	TQ2	E3		30B	MASK GROUP 1 DCD	
04826		XA144	46		XA144	49			16B	9			AYM2C0	01	AY244A	01	2	TT3	D2		21A		
04827		XA144	49		XA144	62			16B	9			AYM2C0	02	AY254A	01	3	TT3	D3		26B		
04828		XA144	62		XA144	66			16B	9			AYM2C0	03	AY274A	01	1	TT3	E2		29A		
04829		XA144	66		XA142	57			16B	9			AYM2C0	04	AY264A	01	3	TT3	E1		31A		
04830		XA142	57						16B	9			AYM2C0	05	AYM2C0	00	1	TQ2	E3		30B	MASK GROUP 1 DCD	
04831		XA142	61		XA141	63			16B	9			AYM3CA	01	AYM3C0	01	2	TQ2	E4		32B		
04832		XA141	63						16B	9			AYM3CA	02	AYM3CA	00	1	TQ2	E4		33B	MASK GROUP 1 DCD	
04833		XA144	75		XA144	72			16B	9			AYM3C0	01	AY294A	01	3	TT3	F1		37B		
04834		XA144	72		XA144	61			16B	9			AYM3C0	02	AY304A	01	2	TT3	F2		34A		
04835		XA144	61		XA142	63			16B	9			AYM3C0	03	AY284A	01	3	TT3	E3		32B		
04836		XA142	63		XA143	18			16B	9			AYM3C0	04	AYM3C0	00	1	TQ2	E4		33B	MASK GROUP 1 DCD	
04837		XA143	18						16B	9			AYM3C0	05	AY314A	01	2	TQ4	B2		10A		
04838		XA142	77		XA141	75			16B	9			AYM4CA	01	AYM4C0	01	2	TQ2	F1		38B		
04839		XA141	75						16B	9			AYM4CA	02	AYM4CA	00	1	TQ2	F1		37B	MASK GROUP 2 DCD	
04840		XA144	09		XA144	38			16B	9			AYM4C0	01	AY164A	01	1	TT3	A3		04B		
04841		XA144	38		XA144	48			16B	9			AYM4C0	02	AY204A	01	3	TT3	C1		18A		
04842		XA144	48		XA144	57			16B	9			AYM4C0	03	AY244A	01	1	TT3	D2		22A		
04843		XA144	57		XA142	75			16B	9			AYM4C0	04	AY284A	01	1	TT3	E3		30B		
04844		XA142	75						16B	9			AYM4C0	05	AYM4C0	00	1	TQ2	F1		37B	MASK GROUP 2 DCD	
04845		XA142	71		XA141	72			16B	9			AYM5CA	01	AYM5C0	01	2	TQ2	F2		36A		
04846		XA141	72						16B	9			AYM5CA	02	AYM5CA	00	1	TQ2	F2		34A	MASK GROUP 2 DCD	
04847		XA144	79		XA142	72			16B	9			AYM5C0	01	AY294A	01	1	TT3	F1		39B		
04848		XA142	72		XA144	45			16B	9			AYM5C0	02	AYM5C0	00	1	TQ2	F2		34A	MASK GROUP 2 DCD	
04849		XA144	45		XA144	34			16B	9			AYM5C0	03	AY254A	01	1	TT3	D3		24B		
04850		XA144	34		XA144	22			16B	9			AYM5C0	04	AY214A	01	1	TT3	C2		16A		
04851		XA144	22						16B	9			AYM5C0	05	AY174A	01	3	TT3	B1		12A		
04852		XA142	74		XA141	69			16B	9			AYM6CA	01	AYM6C0	01	2	TQ2	F3		35B		
04853		XA141	69						16B	9			AYM6CA	02	AYM6CA	00	1	TQ2	F3		35A	MASK GROUP 2 DCD	
04854		XA144	18		XA144	37			16B	9			AYM6C0	01	AY184A	01	1	TT3	B2		10A		
04855		XA144	37		XA144	68			16B	9			AYM6C0	02	AY224A	01	3	TT3	C3		18B		
04856		XA144	68		XA144	65			16B	9			AYM6C0	03	AY264A	01	2	TT3	E1		32A		
04857		XA144	65		XA142	69			16B	9			AYM6C0	04	AY304A	01	3	TT3	F2		34B		
04858		XA142	69						16B	9			AYM6C0	05	AYM6C0	00	1	TQ2	F3		35A	MASK GROUP 2 DCD	
04859		XA142	78		XA141	80			16B	9			AYM7CA	01	AYM7C0	01	2	TQ2	F4		38A		
04860		XA141	80						16B	9			AYM7CA	02	AYM7CA	00	1	TQ2	F4		39A	MASK GROUP 2 DCD	
04861		XA143	14		XA144	25			16B	9			AYM7C0	01	AY314A	01	3	TQ4	B2		09A		
04862		XA144	25		XA144	56			16B	9			AYM7C0	02	AY194A	01	3	TT3	B3		12B		
04863		XA144	56		XA144	60			16B	9			AYM7C0	03	AY234A	01	1	TT3	D1		26A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												IDENT
04864		XA144	60		XA142	80				16B	9			AYM7CO	04	AY274A	01	2	TT3	E2	28A			
04865		XA142	80							16B	9			AYM7CO	05	AYM7CO	00	1	TQ2	F4	39A		MASK GROUP 2 DCO	
04866		XA151	06		XA150	08				16B	9			AYRCCO	01	AYRCCO	00	1	TQ2	A1	05A		RECIRCULATE AYSE	
04867		XA150	08							16B	9			AYRCCO	02	AYSE6A	01	2	TQ2	A1	06A			
04868		XA151	08		XA141	09				16B	9			AYRCL1A	01	AYRCCO	01	2	TQ2	A1	06A			
04869		XA141	09							16B	9			AYRCL1A	02	AYRCL1A	00	1	TQ2	A3	04B		RECIRCULATE AYSE	
04870		XA151	10		XA141	15				16B	9			AYRC2A	01	AYRCCO	01	1	TQ2	A1	07A			
04871		XA141	15							16B	9			AYRC2A	02	AYRC2A	00	1	TQ2	A4	07B		RECIRCULATE AYSE	
22233		XA401	19		XA316	42				16B	9			AYSEBP	01				EXT					
04875		XA316	42		XA212	72				16B	9			AYSEBP	02	ABSE1D	01	1	TLD	C1	20A			
04876		XA212	72		XA213	50				16B	9			AYSEBP	03	AKY52A	01	2	TT3	F2	34A			
04877		XA213	50		XA131	74				16B	9			AYSEBP	04	AKY23A	01	1	TQ2	D2	23A			
04878		XA131	74		XA139	11				16B	9			AYSEBP	05	AYCP5A	01	4	TD4	F2	35B			
04879		XA139	11							16B	9			AYSEBP	06	AYSEBP	00	1	TDD	AP	05B		AY SE - CLEAR	
22235		XA401	21		XA212	30				16B	9			AYSEBQ	01				EXT					
04881		XA212	30		XA315	42				16B	9			AYSEBQ	02	AKY53A	01	2	TT3	C2	15A			
04882		XA315	42		XA212	77				16B	9			AYSEBQ	03	ABSE2D	01	1	TLD	C1	20A			
04883		XA212	77		XA213	43				16B	9			AYSEBQ	04	AKY51A	01	2	TT3	F1	38B			
04884		XA213	43		XA139	13				16B	9			AYSEBQ	05	AKY24A	01	2	TQ2	D3	23B			
04885		XA139	13		XA150	10				16B	9			AYSEBQ	06	AYSEBQ	00	1	TDD	AQ	06B		AY SE - PRESET	
04886		XA150	10							16B	9			AYSEBQ	07	AYSE6A	01	1	TQ2	A1	07A			
04891		XA149	13		XA143	23				16B	9			AYSE1A	01	AYSE90	01	4	TD4	A1	06B			
04892		XA143	23							16B	9			AYSE1A	02	AYSE1A	00	1	TD4	B1	11B		BUS 00 TO AY SE	
04893		XA151	01		XA149	08				16B	9			AYSE2A	01	AYSE2A	00	1	TQ2	A2	02B		ADDER TO AY REG.	
04894		XA149	08							16B	9			AYSE2A	02	AYSE90	01	2	TD4	A1	06A			
04895		XA150	06		XA149	06				16B	9			AYSE6A	01	AYSE6A	00	1	TQ2	A1	05A		RECIRCULATE AY SE	
04896		XA149	06							16B	9			AYSE6A	02	AYSE90	01	3	TD4	A1	05A			
04897		XA149	54		XA149	38				16B	9			AYSE7A	01	AY0790	01	2	TD4	D1	25A			
04898		XA149	38		XA149	30				16B	9			AYSE7A	02	AY0590	01	3	TD4	C1	19A			
04899		XA149	30		XA149	22				16B	9			AYSE7A	03	AY0690	01	3	TD4	C2	15A			
04900		XA149	22		XA149	19				16B	9			AYSE7A	04	AY0390	01	3	TD4	B1	12A			
04901		XA149	19		XA149	10				16B	9			AYSE7A	05	AY0490	01	4	TD4	B2	09B			
04902		XA149	10		XA149	01				16B	9			AYSE7A	06	AYSE90	01	1	TD4	A1	07A			
04903		XA149	01		XA148	11				16B	9			AYSE7A	07	AY0290	01	3	TD4	A2	02B			
04904		XA148	11		XA147	10				16B	9			AYSE7A	08	AYSE7A	00	1	TD4	A1	05B		DB 16 TO AY SE-07	
04905		XA147	10		XA147	19				16B	9			AYSE7A	09	AY0090	01	1	TS8	A1	07A			
04906		XA147	19							16B	9			AYSE7A	10	AY0190	01	7	TS8	B1	09B			
04907		XA149	11		XA139	08				16B	9			AYSE90	01	AYSE90	00	1	TD4	A1	05B		AY SE INPUT DATA	
04908		XA139	08							16B	9			AYSE90	02	AYSEB1	01	1	TDD	A1	06A			
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
22215		XA401	01		XA316	23		16B	9				AY00BP	01			EXT					TO BAY 2	
04912		XA316	23		XA139	09		16B	9				AY00BP	02	AB001D	01	1	TLD	B4		11B		
04913		XA139	09		XA147	31		16B	9				AY00BP	03	AY00BP	00	1	TDD	B4		04B	AY 00 - CLEAR	
04914		XA147	31					16B	9				AY00BP	04	AYH01A	01	7	TS8	C1		19B		
22217		XA401	03		XA315	25		16B	9				AY00BQ	01			EXT						
04916		XA315	25		XA319	76		16B	9				AY00BQ	02	AB002D	01	2	TLD	B4		12B		
04917		XA319	76		XA147	61		16B	9				AY00BQ	03	DA00YD	01	1	TLD	F4		37A		
04918		XA147	61		XA144	10		16B	9				AY00BQ	04	AYH11A	01	8	TS8	E1		32B		
04919		XA144	10		XA139	07		16B	9				AY00BQ	05	AY006A	01	1	TT3	A1		07A		
04920		XA139	07					16B	9				AY00BQ	06	AY00BQ	00	1	TDD	BQ		03A	AY 00 - PRESET	
04927		XA151	09		XA147	07		16B	9				AY001A	01	AY001A	00	1	TQ2	A3		04B	BUS TO AY REG. -	
04928		XA147	07					16B	9				AY001A	02	AY0090	01	7	TS8	A1		03A		
04929		XA151	15		XA147	05		16B	9				AY002A	01	AY002A	00	1	TQ2	A4		07B	ADDER TO AY REG.	
04930		XA147	05					16B	9				AY002A	02	AY0090	01	5	TS8	A1		03B		
04931		XA151	22		XA147	01		16B	9				AY003A	01	AY003A	00	1	TQ2	B1		12A	AY LEFT SHIFT 01	
04932		XA147	01					16B	9				AY003A	02	AY0090	01	6	TS8	A1		02B		
04933		XA147	13		XA144	04		16B	9				AY006A	01	AY0090	01	8	TS8	A1		06B		
04934		XA144	04					16B	9				AY006A	02	AY006A	00	1	TT3	A1		04A	RECIRCULATE AY 00	
04935		XA147	11		XA139	05		16B	9				AY0090	01	AY0090	00	1	TS8	A1		05B	AY 00 INPUT DATA	
04936		XA139	05					16B	9				AY0090	02	AY00B1	01	1	TDD	B1		03B		
04939		XA316	17		XA139	23		16B	9				AY01BP	01	AB011D	01	1	TLD	B3		08B		
04940		XA139	23		XA147	40		16B	9				AY01BP	02	AY01BP	00	1	TDD	CP		11B	AY 01 - CLEAR	
04941		XA147	40					16B	9				AY01BP	03	AYH01A	01	2	TS8	C1		19A		
04942		XA319	74		XA315	19		16B	9				AY01BQ	01	DA01YD	01	2	TLD	F3		39B		
04943		XA315	19		XA139	25		16B	9				AY01BQ	02	AB012D	01	2	TLD	B3		09B		
04944		XA139	25		XA144	01		16B	9				AY01BQ	03	AY01BQ	00	1	TDD	CQ		12B	AY 01 - PRESET	
04945		XA144	01		XA151	26		16B	9				AY01BQ	04	AY016A	01	2	TT3	A2		02B		
04946		XA151	26		XA147	68		16B	9				AY01BQ	05	AY003A	01	1	TQ2	B1		14A		
04947		XA147	68					16B	9				AY01BQ	06	AYH11A	01	2	TS8	E1		32A		
04950		XA151	14		XA147	14		16B	9				AY011A	01	AY011A	00	1	TQ2	B2		09A	BUS TO AY REG. -	
04951		XA147	14					16B	9				AY011A	02	AY0190	01	6	TS8	B1		09A		
04952		XA151	21		XA147	20		16B	9				AY012A	01	AY012A	00	1	TQ2	B3		10B	ADDER TO AY REG.	
04953		XA147	20					16B	9				AY012A	02	AY0190	01	4	TS8	B1		11A		
04954		XA151	27		XA147	26		16B	9				AY013A	01	AY013A	00	1	TQ2	B4		13B	AY LEFT SHIFT 02	
04955		XA147	26					16B	9				AY013A	02	AY0190	01	1	TS8	B1		14A		
04956		XA147	18		XA144	07		16B	9				AY016A	01	AY0190	01	5	TS8	B1		10A		
04957		XA144	07					16B	9				AY016A	02	AY016A	00	1	TT3	A2		03A	RECIRCULATE AY 01	
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
04958		XA147	23			XA139	24			168	9		AY0190	01	AY0190	00	1	TS8	B1		11B	AY 01 INPUT DATA	
04959		XA139	24							168	9		AY0190	02	AY0181	01	1	TDD	CI		13A		
04962		XA316	18			XA139	21			168	9		AY028P	01	AB0210	01	2	TLD	B2		10A		
04963		XA139	21			XA147	37			168	9		AY028P	02	AY028P	00	1	TDD	DP		10B	AY 02 - CLEAR	
04964		XA147	37							168	9		AY028P	03	AYH01A	01	8	TS8	C1		16B		
04965		XA319	71			XA315	20			168	9		AY028Q	01	DA02Y0	01	2	TLD	F2		36A		
04966		XA315	20			XA139	19			168	9		AY028Q	02	AB0220	01	1	TLD	B2		11A		
04967		XA139	19			XA147	60			168	9		AY028Q	03	AY028Q	00	1	TDD	DQ		09B	AY 02 - PRESET	
04968		XA147	60			XA151	25			168	9		AY028Q	04	AYH11A	01	6	TS8	E1		28A		
04969		XA151	25							168	9		AY028Q	05	AY013A	01	2	TQ2	B4		12B		
04972		XA151	38			XA149	04			168	9		AY021A	01	AY021A	00	1	TQ2	C1		18A	BUS TO AY REG. -	
04973		XA149	04							168	9		AY021A	02	AY0290	01	1	TD4	A2		04A		
04974		XA151	30			XA149	05			168	9		AY022A	01	AY022A	00	1	TQ2	C2		15A	ADDER TO AY REG.	
04975		XA149	05							168	9		AY022A	02	AY0290	01	2	TD4	A2		03B		
04976		XA151	33			XA149	07			168	9		AY023A	01	AY023A	00	1	TQ2	C3		16B	AY LEFT SHIFT 03	
04977		XA149	07							168	9		AY023A	02	AY0290	01	4	TD4	A2		03A		
04978		XA149	09			XA139	18			168	9		AY0290	01	AY0290	00	1	TD4	A2		04B	AY 02 INPUT DATA	
04979		XA139	18							168	9		AY0290	02	AY0281	01	1	TDD	DI		10A		
04982		XA316	24			XA139	35			168	9		AY038P	01	AB0310	01	2	TLD	B1		13A		
04983		XA139	35			XA147	38			168	9		AY038P	02	AY038P	00	1	TDD	EP		17B	AY 03 - CLEAR	
04984		XA147	38							168	9		AY038P	03	AYH01A	01	3	TS8	C1		18A		
04985		XA319	77			XA315	24			168	9		AY038Q	01	DA03Y0	01	2	TLD	F1		38B		
04986		XA315	24			XA139	37			168	9		AY038Q	02	AB0320	01	2	TLD	B1		13A		
04987		XA139	37			XA147	62			168	9		AY038Q	03	AY038Q	00	1	TDD	EQ		18B	AY 03 - PRESET	
04988		XA147	62			XA151	31			168	9		AY038Q	04	AYH11A	01	5	TS8	E1		29A		
04989		XA151	31							168	9		AY038Q	05	AY023A	01	2	TQ2	C3		15B		
04992		XA151	39			XA149	25			168	9		AY031A	01	AY031A	00	1	TQ2	C4		19B	BUS TO AY REG. -	
04993		XA149	25							168	9		AY031A	02	AY0390	01	4	TD4	B1		12B		
04994		XA151	52			XA149	26			168	9		AY032A	01	AY032A	00	1	TQ2	D1		24A	ADDER TO AY REG.	
04995		XA149	26							168	9		AY032A	02	AY0390	01	1	TD4	B1		14A		
04996		XA151	46			XA149	24			168	9		AY033A	01	AY033A	00	1	TQ2	D2		21A	AY LEFT SHIFT 04	
04997		XA149	24							168	9		AY033A	02	AY0390	01	2	TD4	B1		13A		
04998		XA149	23			XA139	40			168	9		AY0390	01	AY0390	00	1	TD4	B1		11B	AY 03 INPUT DATA	
04999		XA139	40							168	9		AY0390	02	AY0381	01	1	TDD	E1		19A		
05002		XA316	11			XA139	33			168	9		AY048P	01	AB041D	01	1	TLD	A4		05B		
05003		XA139	33			XA147	42			168	9		AY048P	02	AY048P	00	1	TDD	FP		16B	AY 04 - CLEAR	
05004		XA147	42							168	9		AY048P	03	AYH01A	01	1	TS8	C1		20A		



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	LOAD OF POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											END JP		
05005		XA319	61		XA315	13		168	9				AY048Q	01	DA04YD	01	2	TLD	E4	32B					
05006		XA315	13		XA139	31		168	9				AY048Q	02	AB04ZD	01	2	TLD	A4	06B					
05007		XA139	31		XA147	55		168	9				AY048Q	03	AY048Q	00	1	TDD	FQ	19B	AY 04 - PRESET				
05008		XA147	55		XA151	48		168	9				AY048Q	04	AYH11A	01	7	TS8	E1	29B					
05009		XA151	48					168	9				AY048Q	05	AY033A	01	2	TQ2	O2	22A					
05012		XA151	45		XA149	14		168	9				AY041A	01	AY041A	00	1	TQ2	O3	24B	BUS TO AY REG. -				
05013		XA149	14					168	9				AY041A	02	AY0490	01	3	TD4	B2	09A					
05014		XA151	51		XA149	18		168	9				AY042A	01	AY042A	00	1	TQ2	O4	27B	ADDER TO AY REG.				
05015		XA149	18					168	9				AY042A	02	AY0490	01	2	TD4	B2	10A					
05016		XA151	66		XA149	20		168	9				AY043A	01	AY043A	00	1	TQ2	E1	31A	AY LEFT SHIFT 05				
05017		XA149	20					168	9				AY043A	02	AY0490	01	1	TD4	B2	11A					
05018		XA149	21		XA139	34		168	9				AY0490	01	AY0490	00	1	TD4	B2	10B	AY 04 INPUT DATA				
05019		XA139	34					168	9				AY0490	02	AY0481	01	1	TDD	F1	16A					
05022		XA316	03		XA139	47		168	9				AY058P	01	AB051D	01	1	TLD	A3	02A					
05023		XA139	47		XA147	34		168	9				AY058P	02	AY058P	00	1	TDD	GP	25B	AY 05 - CLEAR				
05024		XA147	34					168	9				AY058P	03	AYH01A	01	5	TS8	C1	16A					
05025		XA319	55		XA315	07		168	9				AY058Q	01	DA05YD	01	2	TLD	E3	29B					
05026		XA315	07		XA139	49		168	9				AY058Q	02	AB052D	01	2	TLD	A3	03A					
05027		XA139	49		XA147	66		168	9				AY058Q	03	AY058Q	00	1	TDD	GQ	28B	AY 05 - PRESET				
05028		XA147	66		XA151	68		168	9				AY058Q	04	AYH11A	01	3	TS8	E1	31A					
05029		XA151	68					168	9				AY058Q	05	AY043A	01	2	TQ2	E1	32A					
05032		XA151	60		XA149	40		168	9				AY051A	01	AY051A	00	1	TQ2	E2	28A	BUS TO AY REG. -				
05033		XA149	40					168	9				AY051A	02	AY0590	01	2	TD4	C1	19A					
05034		XA151	57		XA149	42		168	9				AY052A	01	AY052A	00	1	TQ2	E3	30B	ADDER TO AY REG.				
05035		XA149	42					168	9				AY052A	02	AY0590	01	1	TD4	C1	20A					
05036		XA151	63		XA149	37		168	9				AY053A	01	AY053A	00	1	TQ2	E4	33B	AY LEFT SHIFT 06				
05037		XA149	37					168	9				AY053A	02	AY0590	01	4	TD4	C1	18B					
05038		XA149	35		XA139	54		168	9				AY0590	01	AY0590	00	1	TD4	C1	17B	AY 05 INPUT DATA				
05039		XA139	54					168	9				AY0590	02	AY0581	01	1	TDD	G1	25A					
05042		XA316	05		XA139	45		168	9				AY068P	01	AB061D	01	2	TLD	A2	03B					
05043		XA139	45		XA147	30		168	9				AY068P	02	AY068P	00	1	TDD	HP	24B	AY 06 - CLEAR				
05044		XA147	30					168	9				AY068P	03	AYH01A	01	6	TS8	C1	15A					
05045		XA319	62		XA315	04		168	9				AY068Q	01	DA06YD	01	2	TLD	E2	29A					
05046		XA315	04		XA139	43		168	9				AY068Q	02	AB062D	01	1	TLD	A2	04A					
05047		XA139	43		XA147	64		168	9				AY068Q	03	AY068Q	00	1	TDD	HQ	23B	AY 06 - PRESET				
05048		XA147	64		XA151	59		168	9				AY068Q	04	AYH11A	01	4	TS8	E1	30A					
													****	SIGNAL	AY068Q	IS ON THE NEXT PAGE ****									

DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012

REV. E

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AY06BQ

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

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T39B2CP1

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	ECO NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO				
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	COLOR												IDENT			
05049		XA151	59						16B	9				AY06B0	05	AY053A	01	1	TQ2	E4		31B		
05052		XA151	75		XA149	36			16B	9				AY061A	01	AY061A	00	1	TQ2	F1		37B	BUS TO AY REG. -	
05053		XA149	36						16B	9				AY061A	02	AY0690	01	1	TD4	C2		17A		
05054		XA151	72		XA149	34			16B	9				AY062A	01	AY062A	00	1	TQ2	F2		34A	ADDER TO AY REG.	
05055		XA149	34						16B	9				AY062A	02	AY0690	01	2	TD4	C2		18A		
05056		XA151	69		XA149	31			16B	9				AY063A	01	AY063A	00	1	TQ2	F3		35A	AY LEFT SHIFT 07	
05057		XA149	31						16B	9				AY063A	02	AY0690	01	4	TD4	C2		15B		
05058		XA149	33		XA139	48			16B	9				AY0690	01	AY0690	00	1	TD4	C2		16B	AY 06 INPUT DATA	
05059		XA139	48						16B	9				AY0690	02	AY068T	01	1	TDD	HI		22A		
05062		XA316	08		XA139	59			16B	9				AY078P	01	AB0710	01	2	TLD	A1		06A		
05063		XA139	59		XA147	36			16B	9				AY078P	02	AY078P	00	1	TDD	JP		31B	AY 07 - CLEAR	
05064		XA147	36						16B	9				AY078P	03	AYH01A	01	4	TS8	CI		17A		
05065		XA319	70		XA315	10			16B	9				AY078Q	01	DA0790	01	1	TLD	E1		33A		
05066		XA315	10		XA139	61			16B	9				AY078Q	02	AB0720	01	1	TLD	A1		07A		
05067		XA139	61		XA147	70			16B	9				AY078Q	03	AY078Q	00	1	TDD	JO		32B	AY 07 - PRESET	
05068		XA147	70		XA151	65			16B	9				AY078Q	04	AYH11A	01	1	TS8	E1		33A		
05069		XA151	65						16B	9				AY078Q	05	AY063A	01	1	TQ2	F3		34B		
05072		XA151	80		XA149	56			16B	9				AY071A	01	AY071A	00	1	TQ2	F4		39A	BUS TO AY REG. -	
05073		XA149	56						16B	9				AY071A	02	AY0790	01	1	TD4	D1		26A		
05074		XA150	01		XA149	52			16B	9				AY072A	01	AY072A	00	1	TQ2	A2		02B	ADDER TO AY REG.	
05075		XA149	52						16B	9				AY072A	02	AY0790	01	3	TD4	D1		24A		
05076		XA150	09		XA149	49			16B	9				AY073A	01	AY073A	00	1	TQ2	A3		04B	AY LEFT SHIFT 08	
05077		XA149	49						16B	9				AY073A	02	AY0790	01	4	TD4	D1		26B		
05078		XA149	47		XA139	68			16B	9				AY0790	01	AY0790	00	1	TD4	D1		25B	AY 07 INPUT DATA	
05079		XA139	68						16B	9				AY0790	02	AY078T	01	1	TDD	JI		32A		
05082		XA318	47		XA139	57			16B	9				AY088P	01	AB0810	01	1	TLD	D4		25B		
05083		XA139	57		XA147	46			16B	9				AY088P	02	AY088P	00	1	TDD	KP		30B	AY 08 - CLEAR	
05084		XA147	46						16B	9				AY088P	03	AYH02A	01	6	TS8	D1		21A		
05085		XA317	49		XA329	76			16B	9				AY088Q	01	AB0820	01	2	TLD	D4		26B		
05086		XA329	76		XA139	55			16B	9				AY088Q	02	DA08Y0	01	1	TLD	F4		37A		
05087		XA139	55		XA147	74			16B	9				AY088Q	03	AY088Q	00	1	TDD	RQ		29B	AY 08 - PRESET	
05088		XA147	74		XA150	03			16B	9				AY088Q	04	AYH12A	01	7	TS8	F1		35B		
05089		XA150	03						16B	9				AY088Q	05	AY073A	01	1	TQ2	A3		02A		
05092		XA150	15		XA148	01			16B	9				AY081A	01	AY081A	00	1	TQ2	A4		07B	BUS TO AY REG. -	
05093		XA148	01						16B	9				AY081A	02	AY0890	01	3	TD4	A2		02B		
05094		XA150	22		XA148	04			16B	9				AY082A	01	AY082A	00	1	TQ2	B1		12A	ADDER TO AY REG.	
									****	SIGNAL				AY082A		IS ON THE			NEXT PAGE		****			

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AY082A

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

FILE IDENT T39B2CP1

DATE 09-03-82

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RECORD NUMBER	FROM				TO				WIRE				SEC IDENT	SIGNAL	SEC NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	PROP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
05095		XA148	04							16B	9		AY082A	02	AY0890	01	1	TD4	A2		04A				
05096		XA150	14		XA148	05				16B	9		AY083A	01	AY083A	00	1	TQ2	B2		09A	AY LEFT SHIFT 09			
05097		XA148	05							16B	9		AY083A	02	AY0890	01	2	TD4	A2		03B				
05098		XA148	70		XA148	56				16B	9		AY087A	01	AY1590	01	1	TD4	E1		33A				
05099		XA148	56		XA149	45				16B	9		AY087A	02	AY1390	01	1	TD4	D1		26A				
05100		XA149	45		XA148	46				16B	9		AY087A	03	AY087A	00	1	TD4	D2		24B	DB 16 TO AY 08-15			
05101		XA148	46		XA148	37				16B	9		AY087A	04	AY1490	01	3	TD4	D2		21A				
05102		XA148	37		XA148	31				16B	9		AY087A	05	AY1190	01	4	TD4	C1		16B				
05103		XA148	31		XA148	25				16B	9		AY087A	06	AY1290	01	4	TD4	C2		15B				
05104		XA148	25		XA148	19				16B	9		AY087A	07	AY0990	01	4	TD4	B1		12B				
05105		XA148	19		XA148	07				16B	9		AY087A	08	AY1090	01	4	TD4	R2		09B				
05106		XA148	07							16B	9		AY087A	09	AY0890	01	4	TD4	A2		03A				
05107		XA148	09		XA139	62				16B	9		AY0890	01	AY0890	00	1	TD4	A2		04B	AY 08 INPUT DATA			
05108		XA139	62							16B	9		AY0890	02	AY0881	01	1	TDD	K1		29A				
05111		XA318	43		XA139	76				16B	9		AY098P	01	AB091D	01	2	TLD	D3		23B				
05112		XA139	76		XA147	56				16B	9		AY098P	02	AY098P	00	1	TDD	LP		37A	AY 09 - CLEAR			
05113		XA147	56							16B	9		AY098P	03	AYH02A	01	1	TS8	D1		26A				
05114		XA317	43		XA329	74				16B	9		AY098Q	01	AB092D	01	2	TLD	D3		23B				
05115		XA329	74		XA139	78				16B	9		AY098Q	02	DA09YD	01	2	TLD	F3		35B				
05116		XA139	78		XA147	72				16B	9		AY098Q	03	AY098Q	00	1	TDD	LQ		38A	AY 09 - PRESET			
05117		XA147	72		XA150	20				16B	9		AY098Q	04	AYH12A	01	6	TS8	F1		34A				
05118		XA150	20							16B	9		AY098Q	05	AY083A	01	1	TQ2	B2		11A				
05121		XA150	21		XA148	22				16B	9		AY091A	01	AY091A	00	1	TQ2	B3		10B	BUS TO AY REG. -			
05122		XA148	22							16B	9		AY091A	02	AY0990	01	3	TD4	B1		12A				
05123		XA150	27		XA148	24				16B	9		AY092A	01	AY092A	00	1	TQ2	B4		13B	ADDER TO AY REG.			
05124		XA148	24							16B	9		AY092A	02	AY0990	01	2	TD4	B1		13A				
05125		XA150	38		XA148	26				16B	9		AY093A	01	AY093A	00	1	TQ2	C1		18A	AY LEFT SHIFT 10			
05126		XA148	26							16B	9		AY093A	02	AY0990	01	1	TD4	B1		14A				
05127		XA148	23		XA139	77				16B	9		AY0990	01	AY0990	00	1	TD4	B1		11B	AY 09 INPUT DATA			
05128		XA139	77							16B	9		AY0990	02	AY0981	01	1	TDD	L1		06B				
05131		XA318	48		XA138	11				16B	9		AY108P	01	AB101D	01	2	TLD	D2		05A				
05132		XA138	11		XA147	43				16B	9		AY108P	02	AY108P	00	1	TDD	AP		05B	AY 10 - CLEAR			
05133		XA147	43							16B	9		AY108P	03	AYH02A	01	7	TS8	D1		23B				
05134		XA317	50		XA329	71				16B	9		AY108Q	01	AB102D	01	1	TLD	D2		23A				
05135		XA329	71		XA147	75				16B	9		AY108Q	02	DA10YD	01	2	TLD	F2		36A				
05136		XA147	75		XA150	42				16B	9		AY108Q	03	AYH12A	01	3	TS8	F1		37B				
05137		XA150	42		XA138	13				16B	9		AY108Q	04	AY093A	01	1	TQ2	C1		20A				
05138		XA138	13							16B	9		AY108Q	05	AY108Q	00	1	TDD	AQ		06B	AY 10 - PRESET			
													****	SIGNAL	AY101A	IS ON THE NEXT PAGE				****					

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AY101A

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MOUTH GROUP	CODE	COLOR	IDENT												
05141		XA150	30		XA148	14			16B	9			AY101A	01	AY101A	00	1	TQ2	C2	15A	BUS TO AY REG. -			
05142		XA148	14						16B	9			AY101A	02	AY1090	01	3	TD4	B2	09A				
05143		XA150	33		XA148	18			16B	9			AY102A	01	AY102A	00	1	TQ2	C3	16B	ADDER TO AY REG.			
05144		XA148	18						16B	9			AY102A	02	AY1090	01	2	TD4	B2	10A				
05145		XA150	39		XA148	20			16B	9			AY103A	01	AY103A	00	1	TQ2	C4	19B	AY LEFT SHIFT 11			
05146		XA148	20						16B	9			AY103A	02	AY1090	01	1	TD4	B2	11A				
05147		XA148	21		XA138	08			16B	9			AY1090	01	AY1090	00	1	TD4	B2	10B	AY 10 INPUT DATA			
05148		XA138	08						16B	9			AY1090	02	AY10B1	01	1	TD4	A1	06A				
05151		XA318	54		XA147	49			16B	9			AY118P	01	AB111D	01	2	TLD	D1	25A				
05152		XA147	49		XA138	09			16B	9			AY118P	02	AYH02A	01	8	TS8	D1	26B				
05153		XA138	09						16B	9			AY118P	03	AY118P	00	1	TD4	BP	04B	AY 11 - CLEAR			
05154		XA317	56		XA329	77			16B	9			AY118Q	01	AB112D	01	1	TLD	D1	26A				
05155		XA329	77		XA147	78			16B	9			AY118Q	02	DA11YD	01	2	TLD	F1	38B				
05156		XA147	78		XA150	37			16B	9			AY118Q	03	AYH12A	01	8	TS8	F1	39A				
05157		XA150	37		XA138	07			16B	9			AY118Q	04	AY103A	01	2	TQ2	C4	18B				
05158		XA138	07						16B	9			AY118Q	05	AY118Q	00	1	TD4	BQ	03A	AY 11 - PRESET			
05161		XA150	52		XA148	42			16B	9			AY111A	01	AY111A	00	1	TQ2	D1	24A	BUS TO AY REG. -			
05162		XA148	42						16B	9			AY111A	02	AY1190	01	1	TD4	C1	20A				
05163		XA150	46		XA148	40			16B	9			AY112A	01	AY112A	00	1	TQ2	D2	21A	ADDER TO AY REG.			
05164		XA148	40						16B	9			AY112A	02	AY1190	01	2	TD4	C1	19A				
05165		XA150	45		XA148	38			16B	9			AY113A	01	AY113A	00	1	TQ2	D3	24B	AY LEFT SHIFT 12			
05166		XA148	38						16B	9			AY113A	02	AY1190	01	3	TD4	C1	18A				
05167		XA148	35		XA138	05			16B	9			AY1190	01	AY1190	00	1	TD4	C1	17B	AY 11 INPUT DATA			
05168		XA138	05						16B	9			AY1190	02	AY1181	01	1	TD4	B1	03B				
05171		XA318	35		XA138	23			16B	9			AY128P	01	AB121D	01	1	TLD	C4	17B				
05172		XA138	23		XA147	50			16B	9			AY128P	02	AY128P	00	1	TD4	CP	11B	AY 12 - CLEAR			
05173		XA147	50						16B	9			AY128P	03	AYH02A	01	4	TS8	D1	23A				
05174		XA317	37		XA329	59			16B	9			AY128Q	01	AB122D	01	2	TLD	C4	18B				
05175		XA329	59		XA147	77			16B	9			AY128Q	02	DA12YD	01	1	TLD	E4	31B				
05176		XA147	77		XA150	43			16B	9			AY128Q	03	AYH12A	01	2	TS8	F1	38B				
05177		XA150	43		XA138	25			16B	9			AY128Q	04	AY113A	01	2	TQ2	D3	23B				
05178		XA138	25						16B	9			AY128Q	05	AY128Q	00	1	TD4	CQ	12B	AY 12 - PRESET			
05181		XA150	51		XA148	30			16B	9			AY121A	01	AY121A	00	1	TQ2	D4	27B	BUS TO AY REG. -			
05182		XA148	30						16B	9			AY121A	02	AY1290	01	3	TD4	C2	15A				
05183		XA150	66		XA148	36			16B	9			AY122A	01	AY122A	00	1	TQ2	E1	31A	ADDER TO AY REG.			
05184		XA148	36						16B	9			AY122A	02	AY1290	01	1	TD4	C2	17A				
												****	SIGNAL	AY123A	IS ON THE NEXT PAGE ****									

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012

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AY123A

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

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DATE 09-03-82

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CNT OR CHIP TYPE	QW	LVL. OF POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
05185		XA150	60		XA148	34		16B	9		AY123A	01	AY123A	00	1	TQ2	E2	28A	AY LEFT SHIFT 13	
05186		XA148	34					16B	9		AY123A	02	AY1290	01	2	TD4	C2	16A		
05187		XA148	33		XA138	24		16B	9		AY1290	01	AY1290	00	1	TD4	C2	16B	AY 12 INPUT DATA	
05188		XA138	24					16B	9		AY1290	02	AY1281	01	1	TD0	C1	13A		
05191		XA318	31		XA138	21		16B	9		AY138P	01	AB1310	01	2	TLD	C3	15B		
05192		XA138	21		XA147	48		16B	9		AY138P	02	AY138P	00	1	TDD	DP	10B	AY 13 - CLEAR	
05193		XA147	48					16B	9		AY138P	03	AYH02A	01	5	TS8	D1	22A		
05194		XA317	31		XA329	55		16B	9		AY138Q	01	AB1320	01	2	TLD	C3	15B		
05195		XA329	55		XA150	64		16B	9		AY138Q	02	DA13Y0	01	2	TLD	E3	29B		
05196		XA150	64		XA147	71		16B	9		AY138Q	03	AY123A	01	1	TQ2	E2	30A		
05197		XA147	71		XA138	19		16B	9		AY138Q	04	AYH12A	01	5	TS8	F1	36A		
05198		XA138	19					16B	9		AY138Q	05	AY138Q	00	1	TDD	DQ	09B	AY 13 - PRESET	
05201		XA150	57		XA148	49		16B	9		AY131A	01	AY131A	00	1	TQ2	E3	30B	BUS TO AY REG. -	
05202		XA148	49					16B	9		AY131A	02	AY1390	01	4	TD4	D1	26B		
05203		XA150	63		XA148	52		16B	9		AY132A	01	AY132A	00	1	TQ2	E4	33B	ADDER TO AY REG.	
05204		XA148	52					16B	9		AY132A	02	AY1390	01	3	TD4	D1	24A		
05205		XA150	75		XA148	54		16B	9		AY133A	01	AY133A	00	1	TQ2	F1	37B	AY LEFT SHIFT 14	
05206		XA148	54					16B	9		AY133A	02	AY1390	01	2	TD4	D1	25A		
05207		XA148	47		XA138	18		16B	9		AY1390	01	AY1390	00	1	TD4	D1	25B	AY 13 INPUT DATA	
05208		XA138	18					16B	9		AY1390	02	AY1381	01	1	TDD	D1	10A		
05211		XA318	34		XA138	35		16B	9		AY148P	01	AB1410	01	2	TLD	C2	16A		
05212		XA138	35		XA147	54		16B	9		AY148P	02	AY148P	00	1	TDD	EP	17B	AY 14 - CLEAR	
05213		XA147	54					16B	9		AY148P	03	AYH02A	01	2	TS8	D1	25A		
05214		XA317	34		XA329	62		16B	9		AY148Q	01	AB1420	01	2	TLD	C2	16A		
05215		XA329	62		XA150	79		16B	9		AY148Q	02	DA14YD	01	2	TLD	E2	29A		
05216		XA150	79		XA147	79		16B	9		AY148Q	03	AY133A	01	1	TQ2	F1	39B		
05217		XA147	79		XA138	37		16B	9		AY148Q	04	AYH12A	01	1	TS8	F1	39B		
05218		XA138	37					16B	9		AY148Q	05	AY148Q	00	1	TDD	EQ	18B	AY 14 - PRESET	
05221		XA150	72		XA148	50		16B	9		AY141A	01	AY141A	00	1	TQ2	F2	34A	BUS TO AY REG. -	
05222		XA148	50					16B	9		AY141A	02	AY1490	01	1	TD4	D2	23A		
05223		XA150	69		XA148	48		16B	9		AY142A	01	AY142A	00	1	TQ2	F3	35A	ADDER TO AY REG.	
05224		XA148	48					16B	9		AY142A	02	AY1490	01	2	TD4	D2	22A		
05225		XA150	80		XA148	43		16B	9		AY143A	01	AY143A	00	1	TQ2	F4	39A	AY LEFT SHIFT 15	
05226		XA148	43					16B	9		AY143A	02	AY1490	01	4	TD4	D2	23B		
05227		XA148	45		XA138	40		16B	9		AY1490	01	AY1490	00	1	TD4	D2	24B	AY 14 INPUT DATA	
05228		XA138	40					16B	9		AY1490	02	AY1481	01	1	TDD	E1	19A		
								****	SIGNAL	(AY158P)									IS ON THE NEXT PAGE	****

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AY15BP

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RECORD NUMBER	FROM			TO			WIRE				SEC. IDENT.	SIGNAL	SEQ NO.	EQUATION	TERM.	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR												
05231		XA318	42		XA138	33			168	9		AY15BP	01	AB151D	01	1	TLD	C1		20A		
05232		XA138	33		XA147	52			168	9		AY15BP	02	AY15BP	00	1	TDD	FP		16B	AY 15 - CLEAR	
05233		XA147	52						168	9		AY15BP	03	AYH02A	01	3	TSB	D1		24A		
05234		XA317	42		XA329	70			168	9		AY15BQ	01	AB152D	01	1	TLD	C1		20A		
05235		XA329	70		XA150	78			168	9		AY15BQ	02	DA15YD	01	1	TLD	E1		33A		
05236		XA150	78		XA147	73			168	9		AY15BQ	03	AY143A	01	2	TQ2	F4		38A		
05237		XA147	73		XA138	31			168	9		AY15BQ	04	AYH12A	01	4	TSB	F1		36B		
05238		XA138	31						168	9		AY15BQ	05	AY15BQ	00	1	TDD	FQ		15B	AY 15 - PRESET	
05241		XA148	68		XA146	06			168	9		AY151A	01	AY1590	01	2	TD4	E1		32A		
05242		XA146	06						168	9		AY151A	02	AY151A	00	1	TQ2	A1		05A	BUS TO AY REG. -	
05243		XA148	61		XA146	01			168	9		AY152A	01	AY1590	01	4	TD4	E1		32B		
05244		XA146	01						168	9		AY152A	02	AY152A	00	1	TQ2	A2		02B	ADDER TO AY REG.	
05245		XA148	66		XA146	09			168	9		AY153A	01	AY1590	01	3	TD4	E1		31A		
05246		XA146	09						168	9		AY153A	02	AY153A	00	1	TQ2	A3		04B	AY LEFT SHIFT 16	
05247		XA148	59		XA138	34			168	9		AY1590	01	AY1590	00	1	TD4	E1		31B	AY 15 INPUT DATA	
05248		XA138	34						168	9		AY1590	02	AY15BT	01	1	TDD	FI		16A		
22219		XA401	05		XA318	25			168	9		AY16BP	01				EXT					
05252		XA318	25		XA138	47			168	9		AY16RP	02	AB161D	01	2	TLD	B4		12B		
05253		XA138	47		XA143	10			168	9		AY16BP	03	AY16BP	00	1	TDD	GP		25B	AY 16 - CLEAR	
05254		XA143	10						168	9		AY16BP	04	AYH0CA	01	1	TD4	A1		07A		
22221		XA401	07		XA317	25			168	9		AY16BQ	01				EXT					
05256		XA317	25		XA329	47			168	9		AY16BQ	02	AB162D	01	2	TLD	B4		12B		
05257		XA329	47		XA138	49			168	9		AY16BQ	03	DA16YD	01	1	TLD	D4		25B		
05258		XA138	49		XA143	05			168	9		AY16BQ	04	AY16BQ	00	1	TDD	GQ		26B	AY 16 - PRESET	
05259		XA143	05		XA146	03			168	9		AY16BQ	05	AYH1CA	01	2	TD4	A2		03B		
05260		XA146	03						168	9		AY16BQ	06	AY153A	01	1	TQ2	A3		02A		
05267		XA149	61		XA146	15			168	9		AY161A	01	AY1690	01	4	TD4	E1		32B		
05268		XA146	15						168	9		AY161A	02	AY161A	00	1	TQ2	A4		07B	BUS TO AY REG. -	
05269		XA149	68		XA146	22			168	9		AY162A	01	AY1690	01	2	TD4	E1		32A		
05270		XA146	22						168	9		AY162A	02	AY162A	00	1	TQ2	B1		12A	ADDER TO AY REG.	
05271		XA149	66		XA146	14			168	9		AY163A	01	AY1690	01	3	TD4	E1		31A		
05272		XA146	14						168	9		AY163A	02	AY163A	00	1	TQ2	B2		09A	AY LEFT SHIFT 17	
05273		XA149	70		XA144	15			168	9		AY164A	01	AY1690	01	1	TD4	E1		33A		
05274		XA144	15						168	9		AY164A	02	AY164A	00	1	TQ3	A3		07B	MASK DCD 00 TO AY	
05275		XA149	59		XA138	54			168	9		AY1690	01	AY1690	00	1	TD4	E1		31B	AY 16 INPUT DATA	
05276		XA138	54						168	9		AY1690	02	AY16B1	01	1	TDD	G1		25A		
05279		XA318	19		XA138	45			168	9		AY17BP	01	AB171D	01	2	TLD	B3		09B		
									****		SIGNAL	(AY17BP)		IS ON THE						****		

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RECORD NUMBER	FROM				TO				WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEC NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GRP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	WIRE NO																	
05280		XA138	45						168	9				AY17BP	02	AY17BP	00	1	TDD	HP		24B	AY 17 - CLEAR			
22223		XA401	09		XA317	19			168	9				AY17BQ	01					EXT						
05282		XA317	19		XA329	41			168	9				AY17BQ	02	AB172D	01	2	TLD	B3		09B				
05283		XA329	41		XA138	43			168	9				AY17BQ	03	DA17YD	01	1	TLD	D3		22B				
05284		XA138	43		XA146	20			168	9				AY17BQ	04	AY17BQ	00	1	TDD	HQ		23B	AY 17 - PRESET			
05285		XA146	20						168	9				AY17BQ	05	AY163A	01	1	TQ2	B2		11A				
05290		XA149	55		XA146	21			168	9				AY171A	01	AY1790	01	4	TD4	E2		29B				
05291		XA146	21						168	9				AY171A	02	AY171A	03	1	TQ2	B3		10B	BUS TO AY REG. -			
05292		XA149	60		XA146	27			168	9				AY172A	01	AY1790	01	3	TD4	E2		28A				
05293		XA146	27						168	9				AY172A	02	AY172A	00	1	TQ2	B4		13B	ADDER TO AY REG.			
05294		XA149	62		XA146	38			168	9				AY173A	01	AY1790	01	2	TD4	E2		29A				
05295		XA146	38						168	9				AY173A	02	AY173A	00	1	TQ2	C1		18A	AY LEFT SHIFT 18			
05296		XA149	64		XA144	20			168	9				AY174A	01	AY1790	01	1	TD4	E2		30A				
05297		XA144	20						168	9				AY174A	02	AY174A	00	1	TT3	B1		11A	MASK DCD 01 OT AY			
05298		XA149	57		XA138	48			168	9				AY1790	01	AY1790	00	1	TD4	E2		30B	AY 17 INPUT DATA			
05299		XA138	48						168	9				AY1790	02	AY17B1	01	1	TDD	HI		22A				
22225		XA401	11		XA318	18			168	9				AY188P	01					EXT						
05303		XA318	18		XA138	59			168	9				AY188P	02	AB181D	01	2	TLD	B2		10A				
05304		XA138	59						168	9				AY188P	03	AY188P	00	1	TDD	JP		31B	AY 18 - CLEAR			
05305		XA317	18		XA329	48			168	9				AY188Q	01	AB182D	01	2	TLD	B2		10A				
05306		XA329	48		XA138	61			168	9				AY188Q	02	DA18YD	01	2	TLD	D2		22A				
05307		XA138	61		XA146	42			168	9				AY188Q	03	AY188Q	00	1	TDD	JQ		32B	AY 18 - PRESET			
05308		XA146	42						168	9				AY188Q	04	AY173A	01	1	TQ2	C1		20A				
05313		XA149	78		XA146	30			168	9				AY181A	01	AY1890	01	4	TD4	F1		38A				
05314		XA146	30						168	9				AY181A	02	AY181A	00	1	TQ2	C2		15A	BUS TO AY REG. -			
05315		XA149	75		XA146	33			168	9				AY182A	01	AY1890	01	3	TD4	F1		37B				
05316		XA146	33						168	9				AY182A	02	AY182A	00	1	TQ2	C3		16A	ADDER TO AY REG.			
05317		XA149	79		XA146	39			168	9				AY183A	01	AY1890	01	1	TD4	F1		39B				
05318		XA146	39						168	9				AY183A	02	AY183A	00	1	TQ2	C4		19B	AY LEFT SHIFT 19			
05319		XA149	77		XA144	19			168	9				AY184A	01	AY1890	01	2	TD4	F1		38B				
05320		XA144	19						168	9				AY184A	02	AY184A	00	1	TT3	B2		09B	MASK DCD 02 TO AY			
05321		XA149	76		XA138	68			168	9				AY1890	01	AY1890	00	1	TD4	F1		37A	AY 18 INPUT DATA			
05322		XA138	68						168	9				AY1890	02	AY1881	01	1	TDD	JI		32A				
05325		XA318	26		XA138	57			168	9				AY198P	01	AB191D	01	1	TLD	B1		14A				
05326		XA138	57						168	9				AY198P	02	AY198P	00	1	TDD	KP		30B	AY 19 - CLEAR			
													***	SIGNAL	AY198Q		IS ON THE		NEXT PAGE	***						

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AY19BQ

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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 END OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR											
05327		XA317	26		XA329	56			16B	9		AY19BQ	01	AB192D	01	1	TLD	B1	14A		
05328		XA329	56		XA138	55			16B	9		AY19BQ	02	DA19YD	01	1	TLD	D1	26A		
05329		XA138	55		XA146	37			16B	9		AY19BQ	03	AY19BQ	00	1	TDD	KQ	29B	AY 19 - PRESET	
05330		XA146	37						16B	9		AY19BQ	04	AY183A	01	2	TQ2	C4	18B		
05333		XA149	71		XA146	52			16B	9		AY191A	01	AY1990	01	2	TD4	F2	36A		
05334		XA146	52						16B	9		AY191A	02	AY191A	00	1	TQ2	D1	24A	BUS TO AY REG. -	
05335		XA149	74		XA146	46			16B	9		AY192A	01	AY1990	01	4	TD4	F2	35B		
05336		XA146	46						16B	9		AY192A	02	AY192A	00	1	TQ2	D2	21A	ADDER TO AY REG.	
05337		XA149	73		XA146	45			16B	9		AY193A	01	AY1990	01	1	TD4	F2	36B		
05338		XA146	45						16B	9		AY193A	02	AY193A	00	1	TQ2	D3	24B	AY LEFT SHIFT 20	
05339		XA149	72		XA144	27			16B	9		AY194A	01	AY1990	01	3	TD4	F2	34A		
05340		XA144	27						16B	9		AY194A	02	AY194A	00	1	TT3	B3	13B	MASK DCD 03 TO AY	
05341		XA149	69		XA138	62			16B	9		AY1990	01	AY1990	00	1	TD4	F2	35A	AY 19 INPUT DATA	
05342		XA138	62						16B	9		AY1990	02	AY19B1	01	1	TDD	K1	29A		
05345		XA318	11		XA138	76			16B	9		AY20BP	01	AB201D	01	1	TLD	A4	05B		
05346		XA138	76						16B	9		AY20BP	02	AY20BP	00	1	TDD	LP	37A	AY 20 - CLEAR	
05347		XA317	13		XA329	35			16B	9		AY20BQ	01	AB202D	01	2	TLD	A4	06B		
05348		XA329	35		XA138	78			16B	9		AY20BQ	02	DA20YD	01	1	TLD	C4	17B		
05349		XA138	78		XA146	43			16B	9		AY20BQ	03	AY20BQ	00	1	TDD	LQ	38A	AY 20 - PRESET	
05350		XA146	43						16B	9		AY20BQ	04	AY193A	01	2	TQ2	D3	23B		
05353		XA148	55		XA146	51			16B	9		AY201A	01	AY2090	01	4	TD4	E2	29B		
05354		XA146	51						16B	9		AY201A	02	AY201A	00	1	TQ2	D4	27B	BUS TO AY REG. -	
05355		XA148	64		XA146	66			16B	9		AY202A	01	AY2090	01	1	TD4	E2	30A		
05356		XA146	66						16B	9		AY202A	02	AY202A	00	1	TQ2	E1	31A	ADDER TO AY REG.	
05357		XA148	62		XA146	60			16B	9		AY203A	01	AY2090	01	2	TD4	E2	29A		
05358		XA146	60						16B	9		AY203A	02	AY203A	00	1	TQ2	E2	28A	AY LEFT SHIFT 21	
05359		XA148	60		XA144	36			16B	9		AY204A	01	AY2090	01	3	TD4	E2	28A		
05360		XA144	36						16B	9		AY204A	02	AY204A	00	1	TT3	C1	17A	MASK DCD 04 TO AY	
05361		XA148	57		XA138	77			16B	9		AY2090	01	AY2090	00	1	TD4	E2	30B	AY 20 INPUT DATA	
05362		XA138	77						16B	9		AY2090	02	AY20B1	01	1	TDD	L1	38B		
22227		XA401	13		XA318	03			16B	9		AY21BP	01				EXT				
05366		XA318	03		XA231	24			16B	9		AY21BP	02	AB211D	01	1	TLD	A3	02A		
05367		XA231	24		XA231	13			16B	9		AY21BP	03	AMSNRA	01	2	TT3	B1	13A		
05368		XA231	13		XA137	11			16B	9		AY21BP	04	AMSNLA	01	3	TT3	A3	06B		
05369		XA137	11						16B	9		AY21BP	05	AY21BP	00	1	TDD	AP	05B	AY 21 - CLEAR	
05370		XA317	07		XA329	31			16B	9		AY21BQ	01	AB212D	01	2	TLD	A3	03A		
									****	SIGNAL		AY21BQ		IS ON THE	NEXT PAGE	****					



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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	T	R	C	G	LOAD OF POWER PLANE	TEST POINTS AND JP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT											
05371		XA329	31		XA231	08		168	9			AY21BQ	02	DA21YD	01	2	TLD	C3	15B			
05372		XA231	08		XA137	13		168	9			AY21BQ	03	AMNM2A	01	2	TT3	A1	06A			
05373		XA137	13		XA136	36		168	9			AY21BQ	04	AY21BQ	00	1	TDD	AQ	08B	AY 21 - PRESET		
05374		XA136	36		XA136	40		168	9			AY21BQ	05	AMSNCA	01	1	TD4	C2	17A			
05375		XA136	40		XA146	62		168	9			AY21BQ	06	AMRFTA	01	2	TD4	C1	19A			
05376		XA146	62					168	9			AY21BQ	07	AY203A	01	2	TQ2	E2	29A			
05377		XA148	77		XA146	57		168	9			AY211A	01	AY2190	01	2	TD4	F1	38B			
05378		XA146	57					168	9			AY211A	02	AY211A	00	1	TQ2	E3	30B	BUS TO AY REG. -		
05379		XA148	79		XA146	63		168	9			AY212A	01	AY2190	01	1	TD4	F1	39B			
05380		XA146	63					168	9			AY212A	02	AY212A	00	1	TQ2	E4	33B	ADDER TO AY REG.		
05381		XA148	78		XA146	75		168	9			AY213A	01	AY2190	01	4	TD4	F1	38A			
05382		XA146	75					168	9			AY213A	02	AY213A	00	1	TQ2	F1	37B	AY LEFT SHIFT 22		
05383		XA148	75		XA144	31		168	9			AY214A	01	AY2190	01	3	TD4	F1	37B			
05384		XA144	31					168	9			AY214A	02	AY214A	00	1	TT3	C2	19B	MASK DCD 05 TO AY		
05385		XA148	76		XA137	08		168	9			AY2190	01	AY2190	00	1	TD4	F1	37A	AY 21 INPUT DATA		
05386		XA137	08					168	9			AY2190	02	AY21B1	01	1	TDD	A1	06A			
22224		XA401	15		XA318	05		168	9			AY22BP	01				EXT					
05390		XA318	05		XA231	34		168	9			AY22BP	02	AB221D	01	2	TLD	A2	03B			
05391		XA231	34		XA140	77		168	9			AY22BP	03	ACC53A	01	1	TT3	C2	16A			
05392		XA140	77		XA136	30		168	9			AY22BP	04	AY22C0	01	2	TQ2	F1	38B			
05393		XA136	30		XA137	09		168	9			AY22BP	05	AMSNCA	01	3	TD4	C2	15A			
05394		XA137	09					168	9			AY22BP	06	AY22BP	00	1	TDD	BP	04B	AY 22 - CLEAR		
22231		XA401	17		XA317	04		168	9			AY22BQ	01				EXT					
05396		XA317	04		XA329	34		168	9			AY22BQ	02	AB222D	01	1	TLD	A2	04A			
05397		XA329	34		XA146	79		168	9			AY22BQ	03	DA22YD	01	2	TLD	C2	16A			
05398		XA146	79		XA136	42		168	9			AY22BQ	04	AY213A	01	1	TQ2	F1	39B			
05399		XA136	42		XA137	07		168	9			AY22BQ	05	AMRFTA	01	1	TD4	C1	20A			
05400		XA137	07					168	9			AY22BQ	06	AY22BQ	00	1	TDD	BQ	03A	AY 22 - PRESET		
05405		XA145	80		XA122	13		168	9			AY22CA	01	AY22CA	03	1	TQ2	F4	39A	AY 22* UNLOAD		
05406		XA122	13		XA115	29		168	9			AY22CA	02	AQC30A	01	8	TS8	A1	06B			
05407		XA115	29		XA124	47		168	9			AY22CA	03	AQC40A	01	3	TT3	C2	14B			
05408		XA124	47					168	9			AY22CA	04	AQDB1A	01	2	TT3	03	25B			
05411		XA145	76		XA140	75		168	9			AY22C0	01	AY22CA	01	1	TQ2	F4	37A			
05412		XA140	75					168	9			AY22C0	02	AY22C0	00	1	TQ2	F1	37B	AY 22 UNLOAD		
05413		XA148	71		XA146	72		168	9			AY221A	01	AY2290	01	2	TD4	F2	36A			
05414		XA146	72					168	9			AY221A	02	AY221A	00	1	TQ2	F2	34A	BUS TO AY REG. -		
05415		XA148	72		XA146	69		168	9			AY222A	01	AY2290	01	3	TD4	F2	34A			
05416		XA146	69					168	9			AY222A	02	AY222A	00	1	TQ2	F3	35A	ADDER TO AY REG.		
											****	SIGNAL	AY223A							IS ON THE	NEXT PAGE	****

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SFO 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												
05417		XA148	74		XA146	80		168	9			AY223A	01	AY2290	01	4	TD4	F2	35B	AY LEFT SHIFT 23		
05418		XA146	80					168	9			AY223A	02	AY223A	00	1	TQ2	F4	39A			
05419		XA148	73		XA144	39		168	9			AY224A	01	AY2290	01	1	TD4	F2	36B	MASK DCO 06 TO AY		
05420		XA144	39					168	9			AY224A	02	AY224A	00	1	TY3	C3	19B			
05421		XA148	69		XA137	05		168	9			AY2290	01	AY2290	00	1	TD4	F2	35A	AY 22 INPUT DATA		
05422		XA137	05					168	9			AY2290	02	AY228I	01	1	TDD	BI	03B			
05423		XA318	10		XA231	06		168	9			AY238P	01	AB231D	01	1	TLD	A1	07A	AY 23 - CLEAR		
05424		XA231	06		XA231	05		168	9			AY238P	02	AMNMZA	01	3	TY3	A1	05A			
05425		XA231	05		XA137	23		168	9			AY238P	03	AMSF AA	01	1	TY3	A2	03B			
05426		XA137	23		XA111	73		168	9			AY238P	04	AY238P	00	1	TDD	CP	11B			
05427		XA111	73					168	9			AY238P	05	AQ166A	01	1	TD4	F2	36B			
05428		XA317	10		XA329	40		168	9			AY238Q	01	AB232D	01	1	TLD	A1	07A	AY 23 - PRESET		
05429		XA329	40		XA235	73		168	9			AY238Q	02	DA23YD	01	2	TLD	C1	19A			
05430		XA235	73		XA146	78		168	9			AY238Q	03	ACRS4A	01	1	TD4	F2	36B			
05431		XA146	78		XA136	38		168	9			AY238Q	04	AY223A	01	2	TQ2	F4	38A	AY 23 - PRESET		
05432		XA136	38		XA136	34		168	9			AY238Q	05	AMRF TA	01	3	TD4	C1	18A			
05433		XA136	34		XA137	25		168	9			AY238Q	06	AMSNCA	01	2	TD4	C2	16A			
05434		XA137	25					168	9			AY238Q	07	AY238Q	00	1	TDD	CQ	12B			
05435		XA145	06		XA143	40		168	9			AY231A	01	AY231A	00	1	TQ2	A1	05A	BUS TO AY REG. -		
05436		XA143	40					168	9			AY231A	02	AY2390	01	2	TD4	C1	19A			
05437		XA145	01		XA143	38		168	9			AY232A	01	AY232A	00	1	TQ2	A2	02B	ADDER TO AY REG.		
05438		XA143	38					168	9			AY232A	02	AY2390	01	3	TD4	C1	18A			
05439		XA145	09		XA143	37		168	9			AY233A	01	AY233A	00	1	TQ2	A3	04B	AY LEFT SHIFT 24		
05440		XA143	37					168	9			AY233A	02	AY2390	01	4	TD4	C1	18B			
05441		XA144	50		XA143	42		168	9			AY234A	01	AY234A	00	1	TY3	D1	23A	MASK DCO 07 TO AY		
05442		XA143	42					168	9			AY234A	02	AY2390	01	1	TD4	C1	20A			
05443		XA143	35		XA137	24		168	9			AY2390	01	AY2390	00	1	TD4	C1	17B	AY 23 INPUT DATA		
05444		XA137	24					168	9			AY2390	02	AY238I	01	1	TDD	C1	13A			
05445		XA320	47		XA228	78		168	9			AY248P	01	AB241D	01	1	YLD	D4	25B	AY 24 - CLEAR		
05446		XA228	78		XA231	26		168	9			AY248P	02	AMFMRA	01	2	TQ2	F4	38A			
05447		XA231	26		XA137	21		168	9			AY248P	03	AMSNRA	01	1	TY3	B1	14A			
05448		XA137	21					168	9			AY248P	04	AY248P	00	1	TDD	DP	10B			
05449		XA319	47		XA329	25		168	9			AY248Q	01	AB242D	01	1	TLD	D4	25B	AY 24 - PRESET		
05450		XA329	25		XA228	65		168	9			AY248Q	02	DA24YD	01	2	TLD	B4	12B			
05451		XA228	65		XA231	11		168	9			AY248Q	03	AMFMLA	01	1	TQ2	F3	34B			
05452		XA231	11		XA137	19		168	9			AY248Q	04	AMSNLA	01	2	TY3	A3	05B	AY 24 - PRESET		
05453		XA137	19		XA145	07		168	9			AY248Q	05	AY248Q	00	1	TDD	DQ	09B			
05454		XA145	07					168	9			AY248Q	06	AY233A	01	2	TQ2	A3	03A			
											****	SIGNAL	AY241A	IS ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEC NO	EQUATION	TERMS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
05455		XA145	15		XA143	30				16B	9		AY241A	01	AY241A	00	1	TQ2	A4		07B	BUS TO AY REG. -		
05456		XA143	30							16B	9		AY241A	02	AY2490	01	3	TD4	C2		15A			
05457		XA145	22		XA143	36				16B	9		AY242A	01	AY242A	00	1	TQ2	B1		12A	ADDER TO AY REG.		
05458		XA143	36							16B	9		AY242A	02	AY2490	01	1	TD4	C2		17A			
05459		XA145	14		XA143	34				16B	9		AY243A	01	AY243A	00	1	TQ2	B2		09A	AY LEFT SHIFT 25		
05460		XA143	34							16B	9		AY243A	02	AY2490	01	2	TD4	C2		16A			
05461		XA144	43		XA143	31				16B	9		AY244A	01	AY244A	00	1	TT3	D2		23B	MASK DCD 08 TO AY		
05462		XA143	31							16B	9		AY244A	02	AY2490	01	4	TD4	C2		15B			
05463		XA143	33		XA137	18				16B	9		AY2490	01	AY2490	00	1	TD4	C2		16B	AY 24 INPUT DATA		
05464		XA137	18							16B	9		AY2490	02	AY2481	01	1	TDD	D1		10A			
05465		XA320	41		XA235	74				16B	9		AY258P	01	AB251D	01	1	TLD	D3		22B	AY 25 - CLEAR		
05466		XA235	74		XA140	73				16B	9		AY258P	02	ACRS4A	01	4	TD4	F2		35B			
05467		XA140	73		XA137	35				16B	9		AY258P	03	AY25C0	01	1	TQ2	F2		36B			
05468		XA137	35		XA115	34				16B	9		AY258P	04	AY25BP	00	1	TDD	EP		17B			
05469		XA115	34		XA111	74				16B	9		AY258P	05	AQC40A	01	1	TT3	C2		16A			
05470		XA111	74							16B	9		AY258P	06	AQ166A	01	4	TD4	F2		35B			
05471		XA319	41		XA329	17				16B	9		AY258Q	01	AB252D	01	1	TLD	D3		22B	AY 25 - PRESET		
05472		XA329	17		XA235	75				16B	9		AY258Q	02	DA25YD	01	1	TLD	B3		08B			
05473		XA235	75		XA137	37				16B	9		AY258Q	03	ACRS3A	01	3	TD4	F1		37B			
05474		XA137	37		XA145	20				16B	9		AY258Q	04	AY258Q	00	1	TDD	EQ		18B			
05475		XA145	20							16B	9		AY258Q	05	AY243A	01	1	TQ2	B2		11A			
05476		XA140	72		XA132	30				16B	9		AY25C0	01	AY25C0	00	1	TQ2	F2		34A		AY 25 TRUE OUTPUT	
05477		XA132	30		XA132	26				16B	9		AY25C0	02	AQ164A	01	6	TS8	C1		15A			
05478		XA132	26		XA113	23				16B	9		AY25C0	03	AQ004A	01	1	TS8	B1		14A			
05479		XA113	23							16B	9		AY25C0	04	AQL55A	01	1	TQ2	B4		11B			
05480		XA145	21		XA143	52				16B	9		AY251A	01	AY251A	00	1	TQ2	B3		10B	BUS TO AY REG. -		
05481		XA143	52							16B	9		AY251A	02	AY2590	01	3	TD4	D1		24A			
05482		XA145	27		XA143	54				16B	9		AY252A	01	AY252A	00	1	TQ2	B4		13B	ADDER TO AY REG.		
05483		XA143	54							16B	9		AY252A	02	AY2590	01	2	TD4	D1		25A			
05484		XA145	38		XA143	56				16B	9		AY253A	01	AY253A	00	1	TQ2	C1		18A	AY LEFT SHIFT 26 T		
05485		XA143	56							16B	9		AY253A	02	AY2590	01	1	TD4	D1		26A			
05486		XA144	51		XA143	49				16B	9		AY254A	01	AY254A	00	1	TT3	D3		27B	MASK DCD 09 TO AY		
05487		XA143	49							16B	9		AY254A	02	AY2590	01	4	TD4	D1		26B			
05488		XA143	47		XA137	40				16B	9		AY2590	01	AY2590	00	1	TD4	D1		25B	AY 25 INPUT DATA		
05489		XA137	40							16B	9		AY2590	02	AY2581	01	1	TDD	E1		19A			
05492		XA320	48		XA137	33				16B	9		AY268P	01	AB261D	01	2	TLD	D2		22A	AY 26 - CLEAR		
05493		XA137	33							16B	9		AY268P	02	AY268P	00	1	TDD	FP		16B			

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AY26BP

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	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO	MULTI GROUP	CODE	CL. NO												IDENT
05494		XA319	48		XA329	18			168	9			AY268Q	01	AB262D	01	2	TLD	D2	22A			
05495		XA329	18		XA137	31			168	9			AY268Q	02	DA26YD	01	2	TLD	B2	10A			
05496		XA137	31		XA145	40			168	9			AY268Q	03	AY268Q	00	1	TDD	FQ	15B	AY 26 - PRESET		
05497		XA145	40						168	9			AY268Q	04	AY253A	01	2	TQ2	C1	19A			
05500		XA145	30		XA143	46			168	9			AY261A	01	AY261A	00	1	TQ2	C2	15A	BUS TO AY REG. -26		
05501		XA143	46						168	9			AY261A	02	AY2690	01	3	TD4	D2	21A			
05502		XA145	33		XA143	48			168	9			AY262A	01	AY262A	00	1	TQ2	C3	16B	ADDER TO AY REG. -		
05503		XA143	48						168	9			AY262A	02	AY2690	01	2	TD4	D2	22A			
05504		XA145	39		XA143	50			168	9			AY263A	01	AY263A	00	1	TQ2	C4	19B	AY LEFT SHIFT 27 T		
05505		XA143	50						168	9			AY263A	02	AY2690	01	1	TD4	D2	23A			
05506		XA144	64		XA143	43			168	9			AY264A	01	AY264A	00	1	TT3	E1	30A	MASK OCD 10 TO AY		
05507		XA143	43						168	9			AY264A	02	AY2690	01	4	TD4	D2	23B			
05508		XA143	45		XA137	34			168	9			AY2690	01	AY2690	00	1	TD4	D2	24B	AY 26 INPUT DATA		
05509		XA137	34						168	9			AY2690	02	AY268I	01	1	TDD	F1	16A			
05512		XA320	54		XA137	47			168	9			AY278P	01	AB271D	01	2	TLD	D1	25A			
05513		XA137	47						168	9			AY278P	02	AY278P	00	1	TDD	GP	25B	AY 27 - CLEAR		
05514		XA319	54		XA329	26			168	9			AY278Q	01	AB272D	01	2	TLD	D1	25A			
05515		XA329	26		XA137	49			168	9			AY278Q	02	DA27YD	01	1	TLD	B1	14A			
05516		XA137	49		XA145	37			168	9			AY278Q	03	AY278Q	00	1	TDD	GQ	26B	AY 27 - PRESET		
05517		XA145	37						168	9			AY278Q	04	AY263A	01	2	TQ2	C4	18B			
05520		XA145	52		XA143	66			168	9			AY271A	01	AY271A	00	1	TQ2	D1	24A	BUS TO AY REG. -		
05521		XA143	66						168	9			AY271A	02	AY2790	01	3	TD4	E1	31A			
05522		XA145	46		XA143	61			168	9			AY272A	01	AY272A	00	1	TQ2	D2	21A	ADDER TO AY REG.		
05523		XA143	61						168	9			AY272A	02	AY2790	01	4	TD4	E1	32B			
05524		XA145	45		XA143	68			168	9			AY273A	01	AY273A	00	1	TQ2	D3	24B	AY LEFT SHIFT 28		
05525		XA143	68						168	9			AY273A	02	AY2790	01	2	TD4	E1	32A			
05526		XA144	55		XA143	70			168	9			AY274A	01	AY274A	00	1	TT3	E2	29B	MASK OCD 11 TO AY		
05527		XA143	70						168	9			AY274A	02	AY2790	01	1	TD4	E1	33A			
05528		XA143	59		XA137	54			168	9			AY2790	01	AY2790	00	1	TD4	E1	31B	AY 27 INPUT DATA		
05529		XA137	54						168	9			AY2790	02	AY278I	01	1	TDD	G1	25A			
05532		XA320	35		XA137	45			168	9			AY288P	01	AB281D	01	1	TLD	C4	17B			
05533		XA137	45						168	9			AY288P	02	AY288P	00	1	TDD	HP	24B	AY 28 - CLEAR		
05534		XA319	35		XA329	11			168	9			AY288Q	01	AB282D	01	1	TLD	C4	17B			
05535		XA329	11		XA137	43			168	9			AY288Q	02	DA28YD	01	1	TLD	A4	05B			
									****			SIGNAL	AY288Q		S ON THE						****		

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AY28BQ

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	COL IN	IDENT	SIGNAL	SFC NO	EQUATION	TYPE	FACTOR	CUT OR CHG TYPE	DUM	L2A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z	TEST POINTS AND JP	SIGNAL DESCRIPTION	EPC NO			
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE																		
05536		XA137	43		XA145	41			168	9			AY288Q	03	AY288Q	00	1	TDD	HQ		23B	AY 28 - PRESET				
05537		XA145	41						168	9			AY288Q	04	AY273A	01	1	TQ2	D3		22B					
05540		XA145	51		XA143	62			168	9			AY281A	01	AY281A	00	1	TQ2	D4		27B	BUS TO AY REG. -				
05541		XA143	62						168	9			AY281A	02	AY2890	01	2	TD4	E2		29A					
05542		XA145	66		XA143	64			168	9			AY282A	01	AY282A	00	1	TQ2	E1		31A	ADDER TO AY REG.				
05543		XA143	64						168	9			AY282A	02	AY2890	01	1	TD4	E2		30A					
05544		XA145	60		XA143	60			168	9			AY283A	01	AY283A	00	1	TQ2	E2		28A	AY LEFT SHIFT 29				
05545		XA143	60						168	9			AY283A	02	AY2890	01	3	TD4	E2		28A					
05546		XA144	63		XA143	55			168	9			AY284A	01	AY284A	00	1	TT3	E3		33B	MASK DCD 12 TO AY				
05547		XA143	55						168	9			AY284A	02	AY2890	01	4	TD4	E2		29B					
05548		XA143	57		XA137	48			168	9			AY2890	01	AY2890	00	1	TD4	E2		30B	AY 28 INPUT DATA				
05549		XA137	48						168	9			AY2890	02	AY2881	01	1	TDD	H1		22A					
05552		XA320	29		XA137	59			168	9			AY298P	01	AB291D	01	1	TLD	C3		14B					
05553		XA137	59						168	9			AY298P	02	AY298P	00	1	TDD	JP		31B	AY 29 - CLEAR				
05554		XA319	31		XA329	03			168	9			AY298Q	01	AB292D	01	2	TLD	C3		15B					
05555		XA329	03		XA137	61			168	9			AY298Q	02	DA290D	01	1	TLD	A3		02A					
05556		XA137	61		XA145	62			168	9			AY298Q	03	AY298Q	00	1	TDD	JQ		32B	AY 29 - PRESET				
05557		XA145	62						168	9			AY298Q	04	AY283A	01	2	TQ2	E2		29A					
05560		XA145	57		XA143	78			168	9			AY291A	01	AY291A	00	1	TQ2	E3		30B	BUS TO AY REG. -				
05561		XA143	78						168	9			AY291A	02	AY2990	01	4	TD4	F1		38A					
05562		XA145	63		XA143	77			168	9			AY292A	01	AY292A	00	1	TQ2	E4		33B	ADDER TO AY REG.				
05563		XA143	77						168	9			AY292A	02	AY2990	01	2	TD4	F1		38B					
05564		XA145	75		XA143	75			168	9			AY293A	01	AY293A	00	1	TQ2	F1		37B	AY LEFT SHIFT 30				
05565		XA143	75						168	9			AY293A	02	AY2990	01	3	TD4	F1		37B					
05566		XA144	73		XA143	79			168	9			AY294A	01	AY294A	00	1	TT3	F1		36B	MASK DCD 13 TO AY				
05567		XA143	79						168	9			AY294A	02	AY2990	01	1	TD4	F1		39B					
05568		XA143	76		XA137	68			168	9			AY2990	01	AY2990	00	1	TD4	F1		37A	AY 29 INPUT DATA				
05569		XA137	68						168	9			AY2990	02	AY2981	01	1	TDD	J1		32A					
05572		XA320	34		XA137	57			168	9			AY308P	01	AB301D	01	2	TLD	C2		16A					
05573		XA137	57						168	9			AY308P	02	AY308P	00	1	TDD	KP		30B	AY 30 - CLEAR				
05574		XA319	34		XA329	05			168	9			AY308Q	01	AB302D	01	2	TLD	C2		16A					
05575		XA329	05		XA137	55			168	9			AY308Q	02	DA300D	01	2	TLD	A2		03B					
05576		XA137	55		XA145	79			168	9			AY308Q	03	AY308Q	00	1	TDD	KQ		29B	AY 30 - PRESET				
05577		XA145	79						168	9			AY308Q	04	AY293A	01	1	TQ2	F1		39B					
05580		XA145	72		XA143	72			168	9			AY301A	01	AY301A	00	1	TQ2	F2		34A	BUS TO AY REG. -				
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	CODE	COLOR											
05581		XA143	72					168	9		AY301A	02	AY3090	01	3	TD4	F2	34A		
05582		XA145	69		XA143	71		168	9		AY302A	01	AY302A	00	1	TQ2	F3	35A	ADDER TO AY REG.	
05583		XA143	71					168	9		AY302A	02	AY3090	01	2	TD4	F2	36A		
05584		XA144	74		XA143	74		168	9		AY304A	01	AY304A	00	1	TT3	F2	35B	MASK DCD 14 TO AY	
05585		XA143	74					168	9		AY304A	02	AY3090	01	4	TD4	F2	35B		
05586		XA144	80		XA143	73		168	9		AY307A	01	AY307A	00	1	TT3	F3	36A	AL 00 TO AY 30	
05587		XA143	73					168	9		AY307A	02	AY3090	01	1	TD4	F2	36B		
05588		XA143	69		XA137	62		168	9		AY3090	01	AY3090	00	1	TD4	F2	35A	AY 30 DATA INPUT	
05589		XA137	62					168	9		AY3090	02	AY30B1	01	1	T00	K1	29A		
05592		XA320	40		XA137	76		169	9		AY318P	01	AB311D	01	2	TLD	C1	19A		
05593		XA137	76					162	9		AY318P	02	AY318P	00	1	TDD	LP	37A	AY 31 - CLEAR	
05594		XA319	40		XA329	08		168	9		AY318Q	01	AB312D	01	2	TLD	C1	19A		
05595		XA329	08		XA137	78		168	9		AY318Q	02	DA31YD	01	2	TLD	AI	06A		
05596		XA137	78					168	9		AY318Q	03	AY318Q	00	1	TDD	LQ	38A	AY 31 - PRESET	
05597		XA140	66		XA132	73		168	9		AY311A	01	AY311A	00	1	TQ2	E1	31A	BUS TO AY REG. -	
05598		XA132	73					168	9		AY311A	02	AY3190	01	4	TS8	F1	36B		
05599		XA140	60		XA132	71		168	9		AY312A	01	AY312A	00	1	TQ2	E2	28A	ADDER TO AY REG.	
05600		XA132	71					168	9		AY312A	02	AY3190	01	5	TS8	F1	36A		
05601		XA143	21		XA132	72		168	9		AY314A	01	AY314A	00	1	TD4	B2	10B	MASK DCD 15 TO AY	
05602		XA132	72					168	9		AY314A	02	AY3190	01	6	TS8	F1	34A		
05603		XA140	57		XA132	75		168	9		AY317A	01	AY317A	00	1	TQ2	E3	30B	PLUS ONE TO AY -X	
05604		XA132	75					168	9		AY317A	02	AY3190	01	3	TS8	F1	37B		
05605		XA140	63		XA132	77		168	9		AY318A	01	AY318A	00	1	TQ2	E4	33B	PLUS ONE TO AY-AY	
05606		XA132	77					168	9		AY318A	02	AY3190	01	2	TS8	F1	38B		
05607		XA137	77		XA132	76		168	9		AY3190	01	AY3190	01	1	TDD	L1	38B		
05608		XA132	76					168	9		AY3190	02	AY3190	00	1	TS8	F1	37A	AY 31 DATA INPUT	
22277		XA402	79		XA410	47		168	9		CCM0DA	01				EXT				
17818		XA410	47					168	9		CCM0DA	02	MD288A	01	1	TQ2	D4		25B	
22275		XA402	77		XA410	43		168	9		CCM0DD	01				EXT				
17817		XA410	43					168	9		CCM0DD	02	MD287A	01	2	TQ2	D3		23B	
05609		XA549	40		XA545	75		168	9		CLKGOB	01	GC026A	01	2	TT3	C1	19A		
05610		XA545	75		XA545	70		168	9		CLKGOB	02	GC032A	01	3	TT3	F1	37B		
05611		XA545	70		XA545	59		168	9		CLKGOB	03	GC029A	01	1	TT3	E1	33A		
05612		XA545	59		XA545	60		168	9		CLKGOB	04	GC031A	01	2	TT3	E3	31B		
05613		XA545	60		XA545	47		168	9		CLKGOB	05	GC030A	01	2	TT3	E2	28A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
05614		XA545	47		XA545	42			168	9		CLKG0B	06	GC028A	01	2	TT3	D3	25B		
05615		XA545	42		XA545	46			168	9		CLKG0B	07	GC021A	01	1	TT3	C1	20A		
05616		XA545	46		XA545	35			168	9		CLKG0B	08	GC027A	01	2	TT3	D2	21A		
05617		XA545	35		XA545	26			168	9		CLKG0B	09	GC025A	01	2	TT3	C3	17B		
05618		XA545	26		XA545	29			168	9		CLKG0B	10	GC018A	01	1	TT3	B1	14A		
05619		XA545	29		XA545	23			168	9		CLKG0B	11	GC022A	01	3	TT3	C2	14B		
05620		XA545	23		XA545	17			168	9		CLKG0B	12	GC020A	01	2	TT3	B3	11B		
05621		XA545	17		XA545	10			168	9		CLKG0B	13	GC019A	01	3	TT3	B2	08B		
05622		XA545	10		XA545	05			168	9		CLKG0B	14	GC015A	01	1	TT3	A1	07A		
05623		XA545	05		XA545	11			168	9		CLKG0B	15	GC016A	01	1	TT3	A2	03B		
05624		XA545	11		XA543	06			168	9		CLKG0B	16	GC017A	01	2	TT3	A3	05B		
05625		XA543	06		XA543	21			168	9	P	CTG010	17	CLKG0B	01	1	TQ2	A1	05A		
05626		XA543	21		XA543	33			168	9	P	CTG020	18	CLKG0B	01	2	TQ2	B3	10B		
05627		XA543	33		XA543	45			168	9	P	CTG030	19	CLKG0B	01	3	TQ2	C3	16B		
05628		XA543	45		XA340	35			168	9	P	CTG040	20	CLKG0B	01	4	TQ2	D3	24B		
05629		XA340	35		XA341	37			168	9		CLKG0B	21	DB23GA	01	2	TT3	C3	17B		
05630		XA341	37		XA341	41			168	9		CLKG0B	22	DB07GA	01	3	TT3	C3	18B		
05631		XA341	41		XA341	45			168	9		CLKG0B	23	DB05GA	01	3	TT3	D2	22B		
05632		XA341	45		XA340	45			168	9		CLKG0B	24	DB04GA	01	1	TT3	D3	24B		
05633		XA340	45		XA340	48			168	9		CLKG0B	25	DB20GA	01	1	TT3	D3	24B		
05634		XA340	48		XA340	77			168	9		CLKG0B	26	DB21GA	01	1	TT3	D2	22A		
05635		XA340	77		XA341	77			168	9		CLKG0B	27	DB16GA	01	2	TT3	F1	38B		
05636		XA341	77		XA341	66			168	9		CLKG0B	28	DB00GA	01	2	TT3	F1	38B		
05637		XA341	66		XA340	66			168	9		CLKG0B	29	DB03GA	01	3	TT3	E1	31A		
05638		XA340	66		XA340	57			168	9		CLKG0B	30	DB19GA	01	3	TT3	E1	31A		
05639		XA340	57		XA341	57			168	9		CLKG0B	31	DB17GA	01	1	TT3	E3	30B		
05640		XA341	57		XA341	60			168	9		CLKG0B	32	DB01GA	01	1	TT3	E3	30B		
05641		XA341	60		XA341	56			168	9		CLKG0B	33	DB02GA	01	2	TT3	E2	28A		
05642		XA341	56		XA340	56			168	9		CLKG0B	34	DB06GA	01	1	TT3	D1	26A		
05643		XA340	56		XA340	60			168	9		CLKG0B	35	DB22GA	01	1	TT3	D1	26A		
05644		XA340	60						168	9		CLKG0B	36	DB18GA	01	2	TT3	E2	28A		
05647		XA547	75		XA547	70			168	9		CLKG1B	01	GC054A	01	3	TT3	F1	37B		
05648		XA547	70		XA547	59			168	9		CLKG1B	02	GC051A	01	1	TT3	E1	33A		
05649		XA547	59		XA547	56			168	9		CLKG1B	03	GC053A	01	2	TT3	E3	31B		
05650		XA547	56		XA547	53			168	9		CLKG1B	04	GC048A	01	1	TT3	D1	26A		
05651		XA547	53		XA547	47			168	9		CLKG1B	05	GC052A	01	3	TT3	E2	28B		
05652		XA547	47		XA547	42			168	9		CLKG1B	06	GC050A	01	2	TT3	D3	25B		
05653		XA547	42		XA547	46			168	9		CLKG1B	07	GC045A	01	1	TT3	C1	20A		
05654		XA547	46		XA547	35			168	9		CLKG1B	08	GC049A	01	2	TT3	D2	21A		
05655		XA547	35		XA547	30			168	9		CLKG1B	09	GC047A	01	2	TT3	C3	17B		
05656		XA547	30		XA547	26			168	9		CLKG1B	10	GC046A	01	2	TT3	C2	15A		
05657		XA547	26		XA547	23			168	9		CLKG1B	11	GC042A	01	1	TT3	B1	14A		
05658		XA547	23		XA547	10			168	9		CLKG1B	12	GC044A	01	2	TT3	B3	11B		
05659		XA547	10		XA547	17			168	9		CLKG1B	13	GC039A	01	1	TT3	A1	07A		
05660		XA547	17		XA547	11			168	9		CLKG1B	14	GC043A	01	3	TT3	B2	08B		
05661		XA547	11		XA543	01			168	9		CLKG1B	15	GC041A	01	2	TT3	A3	05B		
05662		XA543	01		XA543	14			168	9		CTG110	16	CLKG1B	01	1	TQ2	A2	02B		
05663		XA543	14		XA543	30			168	9	P	CTG120	17	CLKG1B	01	2	TQ2	B2	09A		
05664		XA543	30		XA543	46			168	9	P	CTG130	18	CLKG1B	01	3	TQ2	C2	15A		
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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR												
05665		XA543	46		XA547	01				168	9		CTG140	19	CLKG1B	01	4	TQ2	D2		21A		
05666		XA547	01		XA340	42				168	9		CLKG1B	20	GC040A	01	2	TT3	A2		02B		
05667		XA340	42		XA341	38				168	9		CLKG1B	21	DB25GA	01	1	TT3	C1		20A		
05668		XA341	38		XA341	26				168	9		CLKG1B	22	DB09GA	01	3	TT3	C1		18A		
05669		XA341	26		XA340	26				168	9		CLKG1B	23	DB12GA	01	1	TT3	B1		14A		
05670		XA340	26		XA340	30				168	9		CLKG1B	24	DB28GA	01	1	TT3	B1		14A		
05671		XA340	30		XA341	29				168	9		CLKG1B	25	DB24GA	01	2	TT3	C2		15A		
05672		XA341	29		XA341	21				168	9		CLKG1B	26	DB08GA	01	3	TT3	C2		14B		
05673		XA341	21		XA340	21				168	9		CLKG1B	27	DB10GA	01	1	TT3	B3		10B		
05674		XA340	21		XA340	08				168	9		CLKG1B	28	DB26GA	01	1	TT3	B3		10B		
05675		XA340	08		XA340	14				168	9		CLKG1B	29	DB31GA	01	2	TT3	A1		06A		
05676		XA340	14		XA341	14				168	9		CLKG1B	30	DB27GA	01	2	TT3	B2		09A		
05677		XA341	14		XA341	08				168	9		CLKG1B	31	DB11GA	01	2	TT3	B2		09A		
05678		XA341	08		XA341	05				168	9		CLKG1B	32	DB15GA	01	2	TT3	A1		06A		
05679		XA341	05		XA341	09				168	9		CLKG1B	33	DB14GA	01	1	TT3	A2		03B		
05680		XA341	09		XA340	05				168	9		CLKG1B	34	DB13GA	01	1	TT3	A3		04B		
05681		XA340	05		XA340	09				168	9		CLKG1B	35	DB30GA	01	1	TT3	A2		03B		
05682		XA340	09							168	9		CLKG1B	36	DB29GA	01	1	TT3	A3		04B		
05685		XA545	69		XA545	71				168	9		CLKG2B	01	GC070A	01	1	TT3	F3		35A		
05686		XA545	71		XA547	69				168	9		CLKG2B	02	GC069A	01	1	TT3	F2		36A		
05687		XA547	69		XA547	71				168	9		CLKG2B	03	GC072A	01	1	TT3	F3		35A		
05688		XA547	71		XA549	66				168	9		CLKG2B	04	GC071A	01	1	TT3	F2		36A		
05689		XA549	66		XA549	56				168	9		CLKG2B	05	GC077A	01	3	TT3	E1		31A		
05690		XA549	56		XA549	45				168	9		CLKG2B	06	GC074A	01	1	TT3	D1		26A		
05691		XA549	45		XA549	41				168	9		CLKG2B	07	GC076A	01	1	TT3	D3		24B		
05692		XA549	41		XA543	09				168	9		CLKG2B	08	GC075A	01	3	TT3	D2		22B		
05693		XA543	09		XA543	22				168	9	P	CTG210	09	CLKG2B	01	1	TQ2	A3		04B		
05694		XA543	22		XA543	38				168	9	P	CTG220	10	CLKG2B	01	2	TQ2	B1		12A		
05695		XA543	38		XA543	51				168	9	P	CTG230	11	CLKG2B	01	3	TQ2	C1		18A		
05696		XA543	51		XA339	75				168	9	P	CTG240	12	CLKG2B	01	4	TQ2	D4		27B		
05697		XA339	75		XA339	70				168	9		CLKG2B	13	DB16HA	01	3	TT3	F1		37B		
05698		XA339	70		XA339	57				168	9		CLKG2B	14	DB19HA	01	1	TT3	E1		33A		
05699		XA339	57		XA338	24				168	9		CLKG2B	15	DB17HA	01	1	TT3	E3		30B		
05700		XA338	24		XA338	09				168	9		CLKG2B	16	GC064A	01	2	TT3	B1		13A		
05701		XA338	09		XA338	05				168	9		CLKG2B	17	GC065A	01	1	TT3	A3		04B		
05702		XA338	05		XA338	06				168	9		CLKG2B	18	GC066A	01	1	TT3	A2		03B		
05703		XA338	06		XA339	03				168	9		CLKG2B	19	GC067A	01	3	TT3	A1		05A		
05704		XA339	03		XA339	13				168	9		CLKG2B	20	DB30HA	01	3	TT3	A2		02A		
05705		XA339	13		XA339	08				168	9		CLKG2B	21	DB29HA	01	3	TT3	A3		06B		
05706		XA339	08		XA339	14				168	9		CLKG2B	22	DB31HA	01	2	TT3	A1		06A		
05707		XA339	14		XA338	14				168	9		CLKG2B	23	DB27HA	01	2	TT3	B2		09A		
05708		XA338	14		XA338	21				168	9		CLKG2B	24	GC062A	01	2	TT3	B2		09A		
05709		XA338	21		XA339	21				168	9		CLKG2B	25	GC061A	01	1	TT3	B3		10B		
05710		XA339	21		XA339	22				168	9		CLKG2B	26	DB26HA	01	1	TT3	B3		10B		
05711		XA339	22		XA339	30				168	9		CLKG2B	27	DB28HA	01	3	TT3	B1		12A		
05712		XA339	30		XA339	33				168	9		CLKG2B	28	DB24HA	01	2	TT3	C2		15A		
05713		XA339	33		XA338	34				168	9		CLKG2B	29	DB23HA	01	1	TT3	C3		16B		
05714		XA338	34		XA338	42				168	9		CLKG2B	30	GC059A	01	1	TT3	C2		16A		
05715		XA338	42		XA339	40				168	9		CLKG2B	31	GC060A	01	1	TT3	C1		20A		
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
05716		XA339	40		XA339	46		168	9			CLKG2B	32	DB25HA	01	2	TT3	C1		19A			
05717		XA339	46		XA339	45		168	9			CLKG2B	33	DB21HA	01	2	TT3	D2		21A			
05718		XA339	45		XA339	54		168	9			CLKG2B	34	DB20HA	01	1	TT3	D3		24B			
05719		XA339	54		XA339	60		168	9			CLKG2B	35	DB22HA	01	2	TT3	D1		25A			
05720		XA339	60					168	9			CLKG2B	36	DB18HA	01	2	TT3	E2		28A			
05723		XA338	37		XA338	41		168	9			CLKM0B	01	DB31NA	01	3	TT3	C3		18B			
05724		XA338	41		XA338	45		168	9			CLKM0B	02	DB29NA	01	3	TT3	D2		22B			
05725		XA338	45		XA338	54		168	9			CLKM0B	03	DB28NA	01	1	TT3	D3		24B			
05726		XA338	54		XA338	57		168	9			CLKM0B	04	DB30NA	01	2	TT3	D1		25A			
05727		XA338	57		XA338	60		168	9			CLKM0B	05	DB25NA	01	1	TT3	E3		30B			
05728		XA338	60		XA338	70		168	9			CLKM0B	06	DB26NA	01	2	TT3	E2		28A			
05729		XA338	70		XA338	72		168	9			CLKM0B	07	DB27NA	01	1	TT3	E1		33A			
05730		XA338	72		XA338	75		168	9			CLKM0B	08	DB23NA	01	2	TT3	F2		34A			
05731		XA338	75		XA341	71		168	9			CLKM0B	09	DB24NA	01	3	TT3	F1		37B			
05732		XA341	71		XA341	69		168	9			CLKM0B	10	DB17NA	01	1	TT3	F2		36A			
05733		XA341	69		XA340	71		168	9			CLKM0B	11	DB16NA	01	1	TT3	F3		35A			
05734		XA340	71		XA340	76		168	9			CLKM0B	12	DB19NA	01	1	TT3	F2		36A			
05735		XA340	76		XA339	71		168	9			CLKM0B	13	DB18NA	01	2	TT3	F3		37A			
05736		XA339	71		XA339	69		168	9			CLKM0B	14	DB21NA	01	1	TT3	F2		36A			
05737		XA339	69		XA338	69		168	9			CLKM0B	15	DB20NA	01	1	TT3	F3		35A			
05738		XA338	69		XA435	09		168	9			CLKM0B	16	DB22NA	01	1	TT3	F3		35A			
05739		XA435	09		XA435	05		168	9			CLKM0B	17	MC018A	01	1	TT3	A3		04B			
05740		XA435	05		XA435	08		168	9			CLKM0B	18	MC017A	01	1	TT3	A2		03B			
05741		XA435	08		XA435	14		168	9			CLKM0B	19	MC016A	01	2	TT3	A1		08A			
05742		XA435	14		XA435	21		168	9			CLKM0B	20	MC020A	01	2	TT3	B2		09A			
05743		XA435	21		XA435	26		168	9			CLKM0B	21	MC021A	01	1	TT3	B3		10B			
05744		XA435	26		XA435	34		168	9			CLKM0B	22	MC019A	01	1	TT3	B1		14A			
05745		XA435	34		XA435	35		168	9			CLKM0B	23	MC023A	01	1	TT3	C2		16A			
05746		XA435	35		XA435	38		168	9			CLKM0B	24	MC024A	01	2	TT3	C3		17B			
05747		XA435	38		XA435	41		168	9			CLKM0B	25	MC022A	01	3	TT3	C1		18A			
05748		XA435	41		XA435	45		168	9			CLKM0B	26	MC026A	01	3	TT3	D2		22B			
05749		XA435	45		XA435	57		168	9			CLKM0B	27	MC027A	01	1	TT3	D3		24B			
05750		XA435	57		XA435	70		168	9			CLKM0B	28	MC030A	01	1	TT3	E3		30B			
05751		XA435	70		XA435	75		168	9			CLKM0B	29	MC028A	01	1	TT3	E1		33A			
05752		XA435	75		XA435	56		168	9			CLKM0B	30	MC031A	01	3	TT3	F1		37B			
05753		XA435	56		XA435	60		168	9			CLKM0B	31	MC025A	01	1	TT3	D1		26A			
05754		XA435	60		XA543	39		168	9			CLKM0B	32	MC029A	01	2	TT3	E2		28A			
05755		XA543	39		XA543	52		168	9		P	CTM010	33	CLKM0B	01	3	TQ2	C4		19B			
05756		XA543	52		XA543	27		168	9		P	CTM020	34	CLKM0B	01	4	TQ2	D1		24A			
05757		XA543	27		XA543	15		168	9		P	CTM030	35	CLKM0B	01	2	TQ2	B4		13B			
05758		XA543	15					168	9		P	CTM040	36	CLKM0B	01	1	TQ2	A4		07B			
22201		XA301	73		XA213	26		D1	1E8	9		CLOCKB	01				EXT						
05770		XA213	26		XA213	19		168	9			CLOCKB	02	CMCP0A	01	1	TQ2	B1		14A			
05771		XA213	19		XA213	20		168	9			CLOCKB	03	CMCP2A	01	2	TQ2	B3		09B			
05772		XA213	20		XA213	08		168	9			CLOCKB	04	CMCP1A	01	1	TQ2	B2		11A			
05773		XA213	08		XA213	05		168	9			CLOCKB	05	AKCPCA	01	2	TQ2	A1		06A			
05774		XA213	05		XA213	03		168	9			CLOCKB	06	AKCPDA	01	2	TQ2	A2		03B			
05775		XA213	03		XA115	75		168	9			CLOCKB	07	AKCPEA	01	1	TQ2	A3		02A			
								****		SIGNAL		CLOCKB											

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

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR													IDENT
05776		XA115	75		XA115	72		168	9		CLOCKB	08	AQCPHA	01	3	TT3	F1		37B			
05777		XA115	72		XA115	61		168	9		CLOCKB	09	AQCPJA	01	2	TT3	F2		34A			
05778		XA115	61		XA115	66		168	9		CLOCKB	10	AQCPFA	01	3	TT3	E3		32B			
05779		XA115	66		XA115	62		168	9		CLOCKB	11	AQCPDA	01	3	TT3	E1		31A			
05780		XA115	62		XA136	46		168	9		CLOCKB	12	AQCPFA	01	1	TT3	E2		29A			
05759		XA136	46		XA136	54		168	9		CLOCKB	13	AYCPJA	01	3	T04	D2		21A			
05760		XA136	54		XA136	60		168	9		CLOCKB	14	AYCPHA	01	2	T04	D1		25A			
05761		XA136	60		XA136	68		168	9		CLOCKB	15	AYCPFA	01	3	T04	E2		28A			
05762		XA136	68		XA136	71		168	9		CLOCKB	16	AYCPEA	01	2	T04	E1		32A			
05763		XA136	71		XA136	79		168	9		CLOCKB	17	AYCPKA	01	2	T04	F2		36A			
05764		XA136	79		XA235	37		168	9		CLOCKB	18	AYCPKA	01	1	T04	F1		39B			
05765		XA235	37		XA235	22		168	9		CLOCKB	19	ACPPCA	01	4	T04	C1		18B			
05766		XA235	22		XA235	14		168	9		CLOCKB	20	ACPPHA	01	3	T04	B1		12A			
05767		XA235	14		XA235	04		168	9		CLOCKB	21	ACPPJA	01	3	T04	B2		09A			
05768		XA235	04		XA235	06		168	9		CLOCKB	22	ACPPFA	01	1	T04	A2		04A			
05769		XA235	06					168	9		CLOCKB	23	ACCPEA	01	3	T04	A1		05A			
22202		XA301	74		XA213	32		D1	1E8	0	CLOCKG	01				EXT						
22842		XA213	32					D1	1E8	0	CLOCKG	02				TQ2			20B			
22203		XA301	75		XA420	04		PG	1E8	9	CLOCMB	01				EXT						
05793		XA420	04		XA420	10			168	9	CLOCMB	02	MDO4NA	01	1	T04	A2		04A			
05803		XA420	10		XA420	20			168	9	CLOCMB	03	MDO8NA	01	1	T04	A1		07A			
05802		XA420	20		XA420	26			168	9	CLOCMB	04	MD12NA	01	1	T04	B2		11A			
05801		XA420	26		XA420	36			168	9	CLOCMB	05	MD08NA	01	1	T04	B1		14A			
05800		XA420	36		XA420	42			168	9	CLOCMB	06	MD20NA	01	1	T04	C2		17A			
05799		XA420	42		XA420	50			168	9	CLOCMB	07	MD16NA	01	1	T04	C1		20A			
05798		XA420	50		XA420	52			168	9	CLOCMB	08	MD28NA	01	1	T04	D2		23A			
05797		XA420	52		XA419	65			168	9	CLOCMB	09	MD24NA	01	3	T04	D1		24A			
05796		XA419	65		XA419	71			168	9	CLOCMB	10	MA08NA	01	1	TQ2	F3		34B			
05795		XA419	71		XA419	78			168	9	CLOCMB	11	MA04NA	01	2	TQ2	F2		35A			
05794		XA419	78		XA419	77			168	9	CLOCMB	12	MA12NA	01	2	TQ2	F4		38A			
05791		XA419	77		XA410	65			168	9	CLOCMB	13	MA00NA	01	2	TQ2	F1		38B			
05792		XA410	65		XA410	71			168	9	CLOCMB	14	CMCP7A	01	1	TQ2	F3		34B			
05804		XA410	71		XA532	14			168	9	CLOCMB	15	CMCP6A	01	2	TQ2	F2		36A			
05789		XA532	14		XA531	69			168	9	CLOCMB	16	MK08BN	01	1	TDD	DN		09A			
05790		XA531	69		XA535	77			168	9	CLOCMB	17	MK09NA	01	1	TT3	F3		35A			
05788		XA535	77		XA537	78			168	9	CLOCMB	18	MK11NA	01	2	TQ2	F1		38B			
05786		XA537	78		XA536	13			168	9	CLOCMB	19	MK06NA	01	8	TS8	F1		38A			
05787		XA536	13		XA550	19			168	9	CLOCMB	20	MK10NA	01	2	TQ2	A4		06B			
05785		XA550	19		XA549	33			168	9	CLOCMB	21	CMCPZA	01	4	T04	B2		09B			
05784		XA549	33						168	9	CLOCMB	22	CMCPYA	01	1	TT3	C3		16B			
22204		XA301	76		XA420	02		PG	1E8	0	CLOCMB	01				EXT						
22843		XA420	02					PG	1E8	0	CLOCMB	02				T04			01A			
05812		XA344	78		XA244	70			168	9	CMAIBP	01	AC157A	01	3	TT3	F3		38A			
05813		XA244	70		XA244	61			168	9	CMAIBP	02	AM01C0	01	1	TQ2	E1		33A			
05814		XA244	61		XA244	62			168	9	CMAIBP	03	AM01F3	01	2	TQ2	E4		32B			
05815		XA244	62		XA244	55			168	9	CMAIBP	04	AM01D0	01	2	TQ2	E2		29A			
****											SIGNAL	(CMAIBP	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIK	CH	PREFIX	CONNECTOR	PIK	CH	MULTI GROUP	CODE	COLOR	EVENT												SPCL INST	MISC
05816		XA244	55			XA245	55			168	9			CMA1BP	05	AM01E0	01	2	TQ2	E3		29B			
05817		XA245	55			XA211	11			168	9			CMA1BP	06	ACCP1A	01	4	TD4	E2		29B			
05818		XA211	11							168	9			CMA1BP	07	CMA1BP	00	1	TDD	AP		05B	ARITH. CONTROL 01		
05819		XA243	68			XA243	61			168	9			CMA1BQ	01	AM51CA	01	2	TQ2	E1		32A			
05820		XA243	61			XA243	62			168	9			CMA1BQ	02	AM51FA	01	2	TQ2	E4		32B			
05821		XA243	62			XA243	55			168	9			CMA1BQ	03	AM51DA	01	2	TQ2	E2		29A			
05822		XA243	55			XA211	13			168	9			CMA1BQ	04	AM51EA	01	2	TQ2	E3		29B			
05823		XA211	13							168	9			CMA1BQ	05	CMA1BQ	00	1	TDD	AQ		06B	ARITH. CONTROL 01		
05828		XA344	71			XA244	79			168	9			CMA1CP	01	AC077A	01	1	TY3	F2		36A			
05829		XA244	79			XA244	78			168	9			CMA1CP	02	AM21C0	01	1	TQ2	F1		39B			
05830		XA244	78			XA244	71			168	9			CMA1CP	03	AM21F0	01	2	TQ2	F4		38A			
05831		XA244	71			XA244	74			168	9			CMA1CP	04	AM21D0	01	2	TQ2	F2		36A			
05832		XA244	74			XA231	52			168	9			CMA1CP	05	AM21E0	01	2	TQ2	F3		35B			
05833		XA231	52			XA211	09			168	9			CMA1CP	06	ACCP2A	01	3	TT3	D1		24A			
05834		XA211	09							168	9			CMA1CP	07	CMA1CP	00	1	TDD	BP		04B	ARITH. CNTRL 01 U		
05835		XA243	77			XA243	78			168	9			CMA1CQ	01	AM71CA	01	2	TQ2	F1		38B			
05836		XA243	78			XA243	71			168	9			CMA1CQ	02	AM71FA	01	2	TQ2	F4		38A			
05837		XA243	71			XA243	74			168	9			CMA1CQ	03	AM71DA	01	2	TQ2	F2		36A			
05838		XA243	74			XA241	78			168	9			CMA1CQ	04	AM71EA	01	2	TQ2	F3		35B			
05839		XA241	78			XA211	07			168	9			CMA1CQ	05	ACCP4A	01	8	TS8	F1		38A			
05840		XA211	07							168	9			CMA1CQ	06	CMA1CQ	00	1	TDD	BQ		03A	ARITH. CNTRL 01 U		
21503		XA201	03			XA211	08			168	9			CMA190	01					EXT					
05844		XA211	08			XA211	05			168	9			CMA190	02	CMA1B1	01	1	TDD	AI		06A			
05845		XA211	05							168	9			CMA190	03	CMA1C1	01	1	TDD	BI		03B			
05846		XA245	60			XA244	49			168	9			CMA2BP	01	ACCP1A	01	3	TD4	E2		28A			
05847		XA244	49			XA242	71			168	9			CMA2BP	02	AM02C0	01	2	TQ2	D4		26B			
05848		XA242	71			XA244	43			168	9			CMA2BP	03	AC315A	01	5	TS8	F1		36A			
05849		XA244	43			XA231	38			168	9			CMA2BP	04	AC316A	01	2	TQ2	D3		23B			
05850		XA231	38			XA211	23			168	9			CMA2BP	05	ACRHCA	01	3	TT3	C1		18A			
05851		XA211	23							168	9			CMA2BP	06	CMA2BP	00	1	TDD	CP		11B	ARITH. CONTROL 02		
05852		XA241	71			XA231	56			168	9			CMA2BQ	01	ACCP4A	01	5	TS8	F1		36A			
05853		XA231	56			XA211	25			168	9			CMA2BQ	02	ACCP2A	01	1	TT3	D1		26A			
05854		XA211	25							168	9			CMA2BQ	03	CMA2BQ	00	1	TDD	CQ		12B	ARITH. CONTROL 02		
21505		XA201	07			XA211	24			168	9			CMA290	01					EXT					
05858		XA211	24							168	9			CMA290	02	CMA2B1	01	1	TDD	CI		13A			
05859		XA245	75			XA245	64			168	9			CMA3BP	01	ACSE1A	01	3	TD4	F1		37B			
05860		XA245	64			XA243	10			168	9			CMA3BP	02	ACCP1A	01	1	TD4	E2		30A			
05861		XA243	10			XA243	13			168	9			CMA3BP	03	AM03C0	01	1	TQ2	A1		07A			
05862		XA243	13			XA243	05			168	9			CMA3BP	04	AM03F0	01	2	TQ2	A4		06B			
05863		XA243	05			XA243	07			168	9			CMA3BP	05	AM03D0	01	2	TQ2	A2		03B			
05864		XA243	07			XA231	33			168	9			CMA3BP	06	AM03E0	01	2	TQ2	A3		03A			
05865		XA231	33			XA211	21			168	9			CMA3BP	07	ACC5CA	01	1	TT3	C3		16B			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
05866		XA211	21						168	9					TDD	DP		10B	ARITH. CONTROL 03	
05867		XA243	19		XA243	18			168	9					TQ2	B3		09B		
05868		XA243	18		XA243	25			168	9					TQ2	B2		10A		
05869		XA243	25		XA243	26			168	9					TQ2	B4		12B		
05870		XA243	26		XA241	72			168	9					TQ2	B1		14A		
05871		XA241	72		XA231	68			168	9					TS8	F1		34A		
05872		XA231	68		XA227	08			168	9					TT3	E1		32A		
05873		XA227	08		XA211	19			168	9					Y04	A1		06A		
05874		XA211	19						168	9					TDD	DQ		09B	ARITH. CONTROL 03	
21507		XA201	11		XA211	18			168	9					EXT					
05878		XA211	18						168	9					TDD	D1		10A		
05879		XA242	13		XA245	62			168	9					TS8	A1		06B		
05880		XA245	62		XA241	74			168	9					TD4	E2		29A		
05881		XA241	74		XA235	56			168	9					TS8	F1		35B		
05882		XA235	56		XA231	42			168	9					TD4	O1		26A		
05883		XA231	42		XA231	66			168	9					TT3	C1		20A		
05884		XA231	66		XA211	35			168	9					TT3	E1		31A		
05885		XA211	35						168	9					TDD	EP		17B	ARITH. CONTROL 04	
05886		XA245	07		XA245	13			168	9					TD4	A2		03A		
05887		XA245	13		XA244	40			168	9					TD4	A1		06B		
05888		XA244	40		XA242	72			168	9					TQ2	C1		19A		
05889		XA242	72		XA244	41			168	9					TS8	F1		34A		
05890		XA244	41		XA231	35			168	9					TQ2	D3		22B		
05891		XA231	35		XA227	10			168	9					TT3	C3		17B		
05892		XA227	10		XA211	37			168	9					TD4	A1		07A		
05893		XA211	37						168	9					TDD	EQ		18B	ARITH. CONTROL 04	
21509		XA201	15		XA211	40			168	9					EXT					
05897		XA211	40						168	9					TDD	E1		19A		
05900		XA211	33		XA131	78			168	9					TDD	FP		16B	ARITH. CONTROL 05	
05901		XA131	78		XA136	20			168	9					TD4	F1		38A		
05902		XA136	20		XA140	26			168	9					TD4	B2		11A		
05903		XA140	26		XA141	36			168	9					TQ2	B1		14A		
05904		XA141	36		XA141	40			168	9					TQ2	C2		17A		
05905		XA141	40						168	9					TQ2	C1		19A		
05906		XA211	31		XA141	35			168	9					TDD	FQ		15B	ARITH. CONTROL 05	
05907		XA141	35		XA141	31			168	9					TQ2	C4		17B		
05908		XA141	31						168	9					TQ2	C3		15B		
21511		XA201	19		XA211	34			168	9					EXT					
05912		XA211	34						168	9					TDD	FI		16A		
05915		XA211	47		XA131	75			168	9					TDD	GP		25B	ARITH. CONTROL 06	
05916		XA131	75		XA141	42			168	9					TD4	F1		37B		
									****	SIGNAL	CMA6BP				IS ON THE	NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COL 19													IDENT	
05917		XA141	42		XA141	29			16B	9			CMA6BP	03	AYK0CA	01	1	TQ2	C1		20A				
05918		XA141	29						16B	9			CMA6BP	04	AYK2CA	01	1	TQ2	C3		14B				
05919		XA211	49		XA141	37			16B	9			CMA6BQ	01	CMA6BQ	00	1	TDD	GQ		26B	ARITH. CONTROL 06			
05920		XA141	37		XA141	34			16B	9			CMA6BQ	02	AYK3CA	01	2	TQ2	C4		18B				
05921		XA141	34		XA140	11			16B	9			CMA6BQ	03	AYK1CA	01	2	TQ2	C2		16A				
05922		XA140	11						16B	9			CMA6BQ	04	AYADCA	01	1	TQ2	A4		05B				
21513		XA201	23		XA211	54			16B	9			CMA690	01				EXT							
05928		XA211	54						16B	9			CMA690	02	CMA6B1	01	1	TDD	G1		25A				
05931		XA211	45		XA131	77			16B	9			CMA7BP	01	CMA7BP	00	1	TDD	HP		24B	ARITH. CONTROL 07			
05932		XA131	77		XA141	54			16B	9			CMA7BP	02	AYCPIA	01	2	TQ4	F1		38B				
05933		XA141	54		XA141	50			16B	9			CMA7BP	03	AYK4CA	01	2	TQ2	D1		25A				
05934		XA141	50						16B	9			CMA7BP	04	AYK5CA	01	1	TQ2	D2		23A				
05935		XA211	43		XA141	47			16B	9			CMA7BQ	01	CMA7BQ	00	1	TDD	HQ		23B	ARITH. CONTROL 07			
05936		XA141	47		XA141	43			16B	9			CMA7BQ	02	AYK7CA	01	1	TQ2	D4		25B				
05937		XA141	43						16B	9			CMA7BQ	03	AYK6CA	01	2	TQ2	D3		23B				
21515		XA201	27		XA211	48			16B	9			CMA790	01				EXT							
05941		XA211	48						16B	9			CMA790	02	CMA7B1	01	1	TDD	H1		22A				
05944		XA211	59		XA131	79			16B	9			CMA8BP	01	CMA8BP	00	1	TDD	JP		31B	ARITH. CONTROL 08			
05945		XA131	79		XA141	56			16B	9			CMA8BP	02	AYCPIA	01	1	TQ4	F1		39B				
05946		XA141	56		XA141	41			16B	9			CMA8BP	03	AYK4CA	01	1	TQ2	D1		26A				
05947		XA141	41						16B	9			CMA8BP	04	AYK6CA	01	1	TQ2	D3		22B				
05948		XA211	61		XA141	48			16B	9			CMA8BQ	01	CMA8BQ	00	1	TDD	JQ		32B	ARITH. CONTROL 08			
05949		XA141	48		XA141	49			16B	9			CMA8BQ	02	AYK5CA	01	2	TQ2	D2		22A				
05950		XA141	49		XA136	18			16B	9			CMA8BQ	03	AYK7CA	01	2	TQ2	D4		26B				
05951		XA136	18						16B	9			CMA8BQ	04	AYD8CA	01	2	TQ4	B2		10A				
21517		XA201	31		XA211	68			16B	9			CMA890	01				EXT							
05957		XA211	68						16B	9			CMA890	02	CMA8B1	01	1	TDD	J1		32A				
05958		XA210	11		XA114	31			16B	9			CMB0BP	01	CMB0BP	00	1	TDD	AP		05B	ARITH. CONTROL 10			
05959		XA114	31		XA114	34			16B	9			CMB0BP	02	AM10E0	01	2	TQ2	C3		15B				
05960		XA114	34		XA114	37			16B	9			CMB0BP	03	AM10D0	01	2	TQ2	C2		16A				
05961		XA114	37		XA114	42			16B	9			CMB0BP	04	AM10F0	01	2	TQ2	C4		18B				
05962		XA114	42		XA115	54			16B	9			CMB0BP	05	AM10C0	01	1	TQ2	C1		20A				
05963		XA115	54		XA124	46			16B	9			CMB0BP	06	AQD80A	01	2	TT3	D1		25A				
05964		XA124	46						16B	9			CMB0BP	07	AQCPIA	01	2	TT3	D2		21A				
05965		XA210	13		XA114	68			16B	9			CMB0BQ	01	CMB0BQ	00	1	TDD	AQ		06B	ARITH. CONTROL 10			
05966		XA114	68		XA114	61			16B	9			CMB0BQ	02	AM60CA	01	2	TQ2	E1		32A				
05967		XA114	61		XA114	62			16B	9			CMB0BQ	03	AM60FA	01	2	TQ2	E4		32B				
05968		XA114	62		XA114	55			16B	9			CMB0BQ	04	AM60DA	01	2	TQ2	E2		29A				
05969		XA114	55						16B	9			CMB0BQ	05	AM60EA	01	2	TQ2	E3		29B				
****												SIGNAL	CMB0CP	IS ON THE NEXT PAGE ****											

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
05970		XA210	09		XA113	56		168	9		CMB0CP	01	CMB0CP	00	1	TDD	BP	04B	ARITH. CNTRL 10 U	
05971		XA113	56		XA113	49		168	9		CMB0CP	02	AM30C0	01	1	TQ2	D1	26A		
05972		XA113	49		XA113	48		168	9		CMB0CP	03	AM30F0	01	2	TQ2	D4	26B		
05973		XA113	48		XA113	43		168	9		CMB0CP	04	AM30D0	01	2	TQ2	D2	22A		
05974		XA113	43		XA122	10		168	9		CMB0CP	05	AM30E0	01	2	TQ2	D3	23B		
05975		XA122	10		XA131	08		168	9		CMB0CP	06	AQC30A	01	1	TS8	A1	07A		
05976		XA131	08					168	9		CMB0CP	07	AQC20A	01	2	TD4	A1	06A		
05977		XA210	07		XA115	35		168	9		CMB0CQ	01	CMB0CQ	00	1	TDD	BQ	53A	ARITH. CNTRL 10 U	
05978		XA115	35					168	9		CMB0CQ	02	AQC60A	01	2	TT3	C3	17B		
21519		XA201	01		XA210	08		168	9		CMB090	01				EXT			TO BAY 2	
05982		XA210	08		XA210	05		168	9		CMB090	02	CMB0BI	01	1	TDD	BI	06A		
05983		XA210	05					168	9		CMB090	03	CMB0CI	01	1	TDD	BI	03B		
05984		XA210	23		XA124	48		168	9		CMB1BP	01	CMB1BP	00	1	TDD	CP	11B	ARITH. CONTROL 11	
05985		XA124	48		XA132	48		168	9		CMB1BP	02	AQCP1A	01	1	TT3	D2	22A		
05986		XA132	48					168	9		CMB1BP	03	AQ314A	01	5	TS8	D1	22A		
05987		XA210	25		XA123	69		168	9		CMB1BQ	01	CMB1BQ	00	1	TDD	CQ	12B	ARITH. CONTROL 11	
05988		XA123	69		XA124	49		168	9		CMB1BQ	02	AQCP2A	01	1	TT3	F3	35A		
05989		XA124	49		XA132	64		168	9		CMB1BQ	03	AQ0B1A	01	3	TT3	D3	26B		
05990		XA132	64					168	9		CMB1BQ	04	AQ317A	01	4	TS8	E1	30A		
21521		XA201	05		XA210	24		168	9		CMB190	01				EXT				
05994		XA210	24					168	9		CMB190	02	CMB1BI	01	1	TDD	CI	13A		
05995		XA210	21		XA114	56		168	9		CMB2BP	01	CMB2BP	00	1	TDD	DP	10B	ARITH. CONTROL 12	
05996		XA114	56		XA114	49		168	9		CMB2BP	02	AM12C0	01	1	TQ2	D1	26A		
05997		XA114	49		XA114	48		168	9		CMB2BP	03	AM12F0	01	2	TQ2	D4	26B		
05998		XA114	48		XA114	43		168	9		CMB2BP	04	AM12D0	01	2	TQ2	D2	22A		
05999		XA114	43		XA115	37		168	9		CMB2BP	05	AM12E0	01	2	TQ2	D3	23B		
06000		XA115	37		XA124	41		168	9		CMB2BP	06	AQC60A	01	3	TT3	C3	18B		
06001		XA124	41		XA131	10		168	9		CMB2BP	07	AQCP1A	01	3	TT3	D2	22B		
06002		XA131	10					168	9		CMB2BP	08	AQC20A	01	1	TD4	A1	07A		
06003		XA210	19		XA113	70		168	9		CMB2BQ	01	CMB2BQ	00	1	TDD	DQ	09B	ARITH. CONTROL 12	
06004		XA113	70		XA113	61		168	9		CMB2BQ	02	AM62CA	01	1	TQ2	E1	33A		
06005		XA113	61		XA113	62		168	9		CMB2BQ	03	AM62FA	01	2	TQ2	E4	32B		
06006		XA113	62		XA113	55		168	9		CMB2BQ	04	AM62DA	01	2	TQ2	E2	29A		
06007		XA113	55		XA115	52		168	9		CMB2BQ	05	AM62EA	01	2	TQ2	E3	29B		
06008		XA115	52		XA122	04		168	9		CMB2BQ	06	AQ0B3A	01	3	TT3	D1	24A		
06009		XA122	04					168	9		CMB2BQ	07	AQC30A	01	4	TS8	A1	04A		
21523		XA201	09		XA210	18		168	9		CMB290	01				EXT				
06013		XA210	18					168	9		CMB290	02	CMB2BI	01	1	TDD	D1	10A		
06014		XA212	53		XA213	40		168	9		CMB3BP	01	AKCB1A	01	3	TT3	E2	28B		
06015		XA213	40		XA212	35		168	9		CMB3BP	02	AKYN1A	01	2	TQ2	C1	19A		
06016		XA212	35		XA210	35		168	9		CMB3BP	03	AKCP1A	01	2	TT3	C3	17B		
								****		SIGNAL	CMB3BP		S ON THE			NEXT PAGE		****		

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	PREFIX	CONNECTOR	PIK	WIRE	PREFIX	CONNECTOR	PIK	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
06017		XA210	35			XA113	79			168	9		CMB3BP	04	CMB3BP	00	1	TDD	EP		17B	ARITH. CONTROL 13	
06018		XA113	79			XA115	10			168	9		CMB3BP	05	AKK1CA	01	1	TQ2	F1		39B		
06019		XA115	10							168	9		CMB3BP	06	AKYC1A	01	1	TT3	A1		07A		
06020		XA212	66			XA210	37			168	9		CMB3BQ	01	AKK5CA	01	3	TT3	E1		31A		
06021		XA210	37			XA212	45			168	9		CMB3BQ	02	CMB3BQ	00	1	TDD	EQ		18B	ARITH. CONTROL 13	
06022		XA212	45			XA213	34			168	9		CMB3BQ	03	AL321A	01	1	TT3	D3		24B		
06023		XA213	34			XA113	65			168	9		CMB3BQ	04	AKYN4A	01	2	TQ2	C2		16A		
06024		XA113	65			XA111	25			168	9		CMB3BQ	05	AKYC4A	01	1	TQ2	F3		34B		
06025		XA111	25							168	9		CMB3BQ	06	AKY0CA	01	4	TD4	B1		12B		
21525		XA201	13			XA210	40			168	9		CMB390	01				EXT					
06029		XA210	40							168	9		CMB390	02	CMB3BI	01	1	TDD	E1		19A		
06030		XA212	70			XA212	62			168	9		CMB4BP	01	AKK5CA	01	1	TT3	E1		33A		
06031		XA212	62			XA212	37			168	9		CMB4BP	02	AKCB1A	01	1	TT3	E2		29A		
06032		XA212	37			XA210	33			168	9		CMB4BP	03	AKCP1A	01	3	TT3	C3		18B		
06033		XA210	33			XA113	77			168	9		CMB4BP	04	CMB4BP	00	1	TDD	FP		16B	APITH. CONTROL 14	
06034		XA113	77			XA114	77			168	9		CMB4BP	05	AKK1CA	01	2	TQ2	F1		38B		
06035		XA114	77							168	9		CMB4BP	06	AL322A	01	2	TQ2	F1		38B		
06036		XA213	55			XA212	49			168	9		CMB4BQ	01	AKDM3A	01	2	TQ2	E3		29B		
06037		XA212	49			XA210	31			168	9		CMB4BQ	02	AL321A	01	3	TT3	D3		26B		
06038		XA210	31			XA213	10			168	9		CMB4BQ	03	CMB4BQ	00	1	TDD	FQ		15B	ARITH. CONTROL 14	
06039		XA213	10			XA213	04			168	9		CMB4BQ	04	AKCP1A	01	1	TQ2	A1		07A		
06040		XA213	04			XA113	73			168	9		CMB4BQ	05	AKCPDA	01	1	TQ2	A2		04A		
06041		XA113	73			XA111	26			168	9		CMB4BQ	06	AKDT1A	01	1	TQ2	F2		36B		
06042		XA111	26			XA115	06			168	9		CMB4BQ	07	AKY0CA	01	1	TD4	B1		14A		
06043		XA115	06							168	9		CMB4BQ	08	AKYC1A	01	3	TT3	A1		05A		
21527		XA201	17			XA210	34			168	9		CMB490	01				EXT					
06047		XA210	34							168	9		CMB490	02	CMB4BI	01	1	TDD	FI		16A		
06048		XA210	47			XA212	33			168	9		CMB5BP	01	CMB5BP	00	1	TDD	GP		25B	ARITH. CONTROL 15	
06049		XA212	33			XA113	78			168	9		CMB5BP	02	AKCP1A	01	1	TT3	C3		16B		
06050		XA113	78			XA111	31			168	9		CMB5BP	03	AM15CO	01	2	TQ2	F4		38A		
06051		XA111	31							168	9		CMB5BP	04	AKDM2A	01	4	TD4	C2		15B		
06052		XA212	68			XA210	49			168	9		CMB5BQ	01	AKK5CA	01	2	TT3	E1		32A		
06053		XA210	49			XA114	74			168	9		CMB5BQ	02	CMB5BQ	00	1	TDD	GQ		26B	ARITH. CONTROL 15	
06054		XA114	74			XA111	52			168	9		CMB5BQ	03	AM65CA	01	2	TQ2	F3		35B		
06055		XA111	52			XA111	43			168	9		CMB5BQ	04	AKDV1A	01	3	TD4	D1		24A		
06056		XA111	43			XA111	42			168	9		CMB5BQ	05	AKDV2A	01	4	TD4	D2		23B		
06057		XA111	42							168	9		CMB5BQ	06	AKDM1A	01	1	TD4	C1		20A		
21529		XA201	21			XA210	54			168	9		CMB590	01				EXT					
06061		XA210	54							168	9		CMB590	02	CMB5BI	01	1	TDD	GI		25A		
06062		XA228	59			XA228	55			168	9		CMB6BP	01	DAAYCA	01	1	TQ2	E4		31B		
06063		XA228	55			XA210	45			168	9		CMB6BP	02	DAACCA	01	2	TQ2	E3		29B		
										****	SIGNAL		CMB6BP		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	IN FC	MULTI GROUP	CODE	COLOR											
06064		XA210	45					168	9			CMB6BP	03	CMB6BP	00	1	TDD	HP	24B	ARITH. CONTROL 16	
06065		XA231	71		XA227	72		168	9			CMB6BQ	01	DAAGAA	01	1	TT3	F2	36A		
06066		XA227	72		XA231	75		168	9			CMB6BQ	02	DAATCA	01	3	TD4	F2	34A		
06067		XA231	75		XA231	69		168	9			CMB6BQ	03	DAADCA	01	3	TT3	F1	37B		
06068		XA231	69		XA227	75		168	9			CMB6BQ	04	DAAQAA	01	1	TT3	F3	35A		
06069		XA227	75		XA210	43		168	9			CMB6BQ	05	DAAGQA	01	3	TD4	F1	37B		
06070		XA210	43					168	9			CMB6BQ	06	CMB6BQ	00	1	TDD	HQ	23B	ARITH. CONTROL 16	
21531		XA201	25		XA210	48		168	9			CMB690	01				EXT				
06074		XA210	48					168	9			CMB690	02	CMB6B1	01	1	TDD	H1	22A		
06075		XA231	65		XA231	76		168	9			CMB7BP	01	DAAGAA	01	3	TT3	F2	34B		
06076		XA231	76		XA210	59		168	9			CMB7BP	02	DAAQAA	01	2	TT3	F3	37A		
06077		XA210	59					168	9			CMB7BP	03	CMB7BP	00	1	TDD	JP	31B	ARITH. CONTROL 17	
06078		XA231	79		XA228	61		168	9			CMB7BQ	01	DAADCA	01	1	TT3	F1	39B		
06079		XA228	61		XA227	77		168	9			CMB7BQ	02	DAAYCA	01	2	TQ2	E4	32B		
06080		XA227	77		XA227	71		168	9			CMB7BQ	03	DAAGQA	01	2	TD4	F1	38B		
06081		XA227	71		XA210	61		168	9			CMB7BQ	04	DAATCA	01	2	TD4	F2	36A		
06082		XA210	61					168	9			CMB7BQ	05	CMB7BQ	00	1	TDD	JQ	32B	ARITH. CONTROL 17	
21533		XA201	29		XA210	68		168	9			CMB790	01				EXT				
06086		XA210	68					168	9			CMB790	02	CMB7R1	01	1	TDD	J1	32A		
06087		XA231	77		XA231	78		168	9			CMB8BP	01	DAADCA	01	2	TT3	F1	38B		
06088		XA231	78		XA210	57		168	9			CMB8BP	02	DAAQAA	01	3	TT3	F3	38A		
06089		XA210	57					168	9			CMB8BP	03	CMB8BP	00	1	TDD	KP	30B	ARITH. CONTROL 18	
06090		XA231	72		XA228	53		168	9			CMB8BQ	01	DAAGAA	01	2	TT3	F2	34A		
06091		XA228	53		XA227	78		168	9			CMB8BQ	02	DAACCA	01	1	TQ2	E3	28B		
06092		XA227	78		XA227	73		168	9			CMB8BQ	03	DAAGQA	01	4	TD4	F1	38A		
06093		XA227	73		XA210	55		168	9			CMB8BQ	04	DAATCA	01	1	TD4	F2	36B		
06094		XA210	55					168	9			CMB8BQ	05	CMB8BQ	00	1	TDD	KQ	29B	ARITH. CONTROL 18	
21535		XA201	33		XA210	62		168	9			CMB890	01				EXT				
06098		XA210	62					168	9			CMB890	02	CMB8B1	01	1	TDD	KT	29A		
21536		XA402	71		XA411	38		168	9			CMCLMA	01				EXT				
06100		XA411	38		XA411	22		168	9			CMCLMA	02	CMM4BP	01	1	TDD	EP	18A		
06101		XA411	22		XA411	20		168	9			CMCLMA	03	CMM2BP	01	1	TDD	CP	12A		
06102		XA411	20					168	9			CMCLMA	04	CMM3BP	01	1	TDD	DP	11A		
06103		XA551	04		XA551	06		168	9			CMCLMB	01	CMG5BP	01	1	TDD	BP	04A	CLEAR MOP REG- G	
06104		XA551	06		XA551	20		168	9			CMCLMB	02	CMG4BP	01	1	TDD	AP	05A	CLEAR MOP REG- G	
06105		XA551	20		XA551	22		168	9			CMCLMB	03	CMG7BP	01	1	TDD	DP	11A	CLEAR MOP REG- G	
06106		XA551	22		XA551	64		168	9			CMCLMB	04	CMG6BP	01	1	TDD	CP	12A	CLEAR MOP REG- G	
06107		XA551	64		XA551	66		168	9			CMCLMB	05	CMG1BP	01	1	TDD	KP	30A	CLEAR MOP REG- G	
06108		XA551	66		XA551	73		168	9			CMCLMB	06	CMG0BP	01	1	TDD	JP	31A	CLEAR MOP REG- G	
06109		XA551	73		XA551	75		168	9			CMCLMB	07	CMG3BP	01	1	TDD	MP	36B	CLEAR MOP REG- G	
								****		SIGNAL	CMCLMB		S ON THE		NEXT PAGE	****					



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL 19	IDENT												
06110		XA551	75		XA532	75		168	9				CMCLMB	08	CMG2BP	01	1	TDD	LP		37B	CLEAR MOP REG- G		
06111		XA532	75		XA411	75		168	9				CMCLMB	09	CMMOCP	01	1	TDD	LP		37B	CLEAR MOP REG- G		
06112		XA411	75		XA411	73		168	9				CMCLMB	10	CMN1BP	01	1	TDD	LP		37B	CLEAR MOP REG- G		
06113		XA411	73		XA411	66		168	9				CMCLMB	11	CMN2BP	01	1	TDD	MP		36B	CLEAR MOP REG- G		
06114		XA411	66		XA411	64		168	9				CMCLMB	12	CM88BP	01	1	TDD	JP		31A	CLEAR MOP REG- G		
06115		XA411	64		XA411	52		168	9				CMCLMB	13	CMNOBP	01	1	TDD	KP		30A	CLEAR MOP REG- G		
06116		XA411	52		XA411	50		168	9				CMCLMB	14	CM66BP	01	1	TDD	GP		24A	CLEAR MOP REG- G		
06117		XA411	50		XA411	36		168	9				CMCLMB	15	CM76BP	01	1	TDD	HP		23A	CLEAR MOP REG- G		
06118		XA411	36		XA411	06		168	9				CMCLMB	16	CM55BP	01	1	TDD	FP		17A	CLEAR MOP REG- G		
06119		XA411	06		XA411	04		168	9				CMCLMB	17	CMMOBP	01	1	TDD	AP		05A	CLEAR MOP REG- G		
06120		XA411	04		XA402	73		168	9				CMCLMB	18	CM11BP	01	1	TDD	BP		04A	CLEAR MOP REG- G		
21537		XA402	73					168	9				CMCLMB	19				EXT					CLEAR MOP REG-G	
06129		XA211	66		XA210	66		168	9				CMCLRB	02	CMA8BP	01	1	TDD	JP		31A	CLEAR MOP REG- A		
06130		XA210	66		XA210	64		168	9				CMCLRB	03	CMB7BP	01	1	TDD	JP		31A	CLEAR MOP REG- A		
06131		XA210	64		XA210	06		168	9				CMCLRB	04	CMB8BP	01	1	TDD	KP		30A	CLEAR MOP REG- A		
06132		XA210	06		XA210	04		168	9				CMCLRB	05	CMB0BP	01	1	TDD	AP		05A	CLEAR MOP REG- A		
06133		XA210	04		XA211	04		168	9				CMCLRB	06	CMB0CP	01	1	TDD	BP		04A	CLEAR MOP REG- A		
06134		XA211	04		XA211	06		168	9				CMCLRB	07	CMA1CP	01	1	TDD	BP		04A	CLEAR MOP REG- A		
06135		XA211	06		XA211	22		168	9				CMCLRB	08	CMA1BP	01	1	TDD	AP		05A	CLEAR MOP REG- A		
06136		XA211	22		XA211	20		168	9				CMCLRB	09	CMA2BP	01	1	TDD	CP		12A	CLEAR MOP REG- A		
06137		XA211	20		XA210	20		168	9				CMCLRB	10	CMA3BP	01	1	TDD	DP		11A	CLEAR MOP REG- A		
06138		XA210	20		XA210	22		168	9				CMCLRB	11	CMB2BP	01	1	TDD	DP		11A	CLEAR MOP REG- A		
06139		XA210	22		XA210	38		168	9				CMCLRB	12	CMB1BP	01	1	TDD	CP		12A	CLEAR MOP REG- A		
06140		XA210	38		XA210	36		168	9				CMCLRB	13	CMB3BP	01	1	TDD	EP		18A	CLEAR MOP REG- A		
06141		XA210	36		XA211	36		168	9				CMCLRB	14	CMB4BP	01	1	TDD	FP		17A	CLEAR MOP REG- A		
06142		XA211	36		XA211	38		168	9				CMCLRB	15	CMA5BP	01	1	TDD	FP		17A	CLEAR MOP REG- A		
06143		XA211	38		XA211	50		168	9				CMCLRB	16	CMA4BP	01	1	TDD	EP		18A	CLEAR MOP REG- A		
06144		XA211	50		XA211	52		168	9				CMCLRB	17	CMA7BP	01	1	TDD	HP		23A	CLEAR MOP REG- A		
06145		XA211	52		XA210	52		168	9				CMCLRB	18	CMA6BP	01	1	TDD	GP		24A	CLEAR MOP REG- A		
06146		XA210	52		XA210	50		168	9				CMCLRB	19	CMB5BP	01	1	TDD	GP		24A	CLEAR MOP REG- A		
06147		XA210	50		XA302	73		168	9				CMCLRB	20	CMB6BP	01	1	TDD	HP		23A	CLEAR MOP REG- A		
21540		XA302	73					168	9				CMCLRB	21				EXT						
06153		XA211	70		XA210	70		168	9				CMCPAB	01	CMA8BN	01	1	TDD	JN		33A	GATED CLOCK-ARITH		
06154		XA210	70		XA210	60		168	9				CMCPAB	02	CMB7BN	01	1	TDD	JN		33A	GATED CLOCK-ARITH		
06155		XA210	60		XA210	56		168	9				CMCPAB	03	CMB8BN	01	1	TDD	KN		28A	GATED CLOCK-ARITH		
06156		XA210	56		XA211	56		168	9				CMCPAB	04	CMB5BN	01	1	TDD	GN		26A	GATED CLOCK-ARITH		
06157		XA211	56		XA211	42		168	9				CMCPAB	05	CMA6BN	01	1	TDD	GN		26A	GATED CLOCK-ARITH		
06158		XA211	42		XA211	46		168	9				CMCPAB	06	CMA4BN	01	1	TDD	EN		20A	GATED CLOCK-ARITH		
06159		XA211	46		XA210	42		168	9				CMCPAB	07	CMA7BN	01	1	TDD	HN		21A	GATED CLOCK-ARITH		
06160		XA210	42		XA210	46		168	9				CMCPAB	08	CMB3BN	01	1	TDD	EN		20A	GATED CLOCK-ARITH		
06161		XA210	46		XA210	01		168	9				CMCPAB	09	CMB6BN	01	1	TDD	HN		21A	GATED CLOCK-ARITH		
06162		XA210	01		XA211	01		168	9				CMCPAB	10	CMB0CN	01	1	TDD	BN		02B	GATED CLOCK-ARITH		
06163		XA211	01		XA211	14		168	9				CMCPAB	11	CMA1CN	01	1	TDD	BN		02B	GATED CLOCK-ARITH		
06164		XA211	14		XA211	10		168	9				CMCPAB	12	CMA3BN	01	1	TDD	DN		09A	GATED CLOCK-ARITH		
06165		XA211	10		XA210	10		168	9				CMCPAB	13	CMA1BN	01	1	TDD	AN		07A	GATED CLOCK-ARITH		
06166		XA210	10		XA210	14		168	9				CMCPAB	14	CMB0BN	01	1	TDD	AN		07A	GATED CLOCK-ARITH		
06167		XA210	14		XA210	26		168	9				CMCPAB	15	CMB2BN	01	1	TDD	DN		09A	GATED CLOCK-ARITH		
06168		XA210	26		XA210	30		168	9				CMCPAB	16	CMB1BN	01	1	TDD	CN		14A	GATED CLOCK-ARITH		
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	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
06169		XA210	30		XA211	30				168	9		CMCPAB	17	CMB4BN	01	1	TDD	FN		15A	GATED CLOCK-ARITH	
06170		XA211	30		XA211	26				168	9		CMCPAB	18	CMA5BN	01	1	TDD	FN		15A	GATED CLOCK-ARITH	
06171		XA211	26		XA213	22				168	9		CMCPAB	19	CMA2BN	01	1	TDD	CN		14A	GATED CLOCK-ARITH	
06172		XA213	22		XA213	14				168	9	P	CMCPOA	20	CMCPAB	01	1	TQ2	B1		12A	GATED CLK- MOP RE	
06173		XA213	14		XA213	21				168	9	P	CMCP1A	21	CMCPAB	02	1	TQ2	B2		09A		
06174		XA213	21							168	9	P	CMCP2A	22	CMCPAB	03	1	TQ2	B3		10B		
06175		XA411	01		XA411	10				168	9		CMCPMB	01	CMM1BN	01	1	TDD	BN		02B	GATED CLOCK- G AN	
06176		XA411	10		XA411	14				168	9		CMCPMB	02	CMM0BN	01	1	TDD	AN		07A	GATED CLOCK- G AN	
06177		XA411	14		XA411	26				168	9		CMCPMB	03	CMM3BN	01	1	TDD	DN		09A	GATED CLOCK- G AN	
06178		XA411	26		XA411	30				168	9		CMCPMB	04	CMM2BN	01	1	TDD	CN		14A	GATED CLOCK- G AN	
06179		XA411	30		XA411	42				168	9		CMCPMB	05	CMM5BN	01	1	TDD	FN		15A	GATED CLOCK- G AN	
06180		XA411	42		XA411	46				168	9		CMCPMB	06	CMM4BN	01	1	TDD	EN		20A	GATED CLOCK- G AN	
06181		XA411	46		XA411	56				168	9		CMCPMB	07	CMM7BN	01	1	TDD	HN		21A	GATED CLOCK- G AN	
06182		XA411	56		XA411	60				168	9		CMCPMB	08	CMM6BN	01	1	TDD	GN		26A	GATED CLOCK- G AN	
06183		XA411	60		XA410	69				168	9		CMCPMB	09	CMM0BN	01	1	TDD	KN		28A	GATED CLOCK- G AN	
06184		XA410	69		XA410	72				168	9	P	CMCP7A	10	CMCPMB	03	1	TQ2	F3		35A		
06185		XA410	72		XA411	70				168	9	P	CMCP6A	11	CMCPMB	02	1	TQ2	F2		34A		
06186		XA411	70		XA411	72				168	9		CMCPMB	12	CMM8BN	01	1	TDD	JN		33A	GATED CLOCK- G AN	
06187		XA411	72		XA411	79				168	9		CMCPMB	13	CMM2BN	01	1	TDD	MN		34A	GATED CLOCK- G AN	
06188		XA411	79		XA532	79				168	9		CMCPMB	14	CMM1BN	01	1	TDD	LN		39B	GATED CLOCK- G AN	
06189		XA532	79							168	9		CMCPMB	15	CMM0CN	01	1	TDD	LN		39B	GATED CLOCK- G AN	
06192		XA549	39		XA551	60				168	9		CMCPYA	01	CMCPYA	00	1	TT3	C3		19B		
06193		XA551	60		XA551	79				168	9		CMCPYA	02	CMG1BN	01	1	TDD	KN		28A	GATED CLOCK- G AN	
06194		XA551	79		XA551	70				168	9		CMCPYA	03	CMG2BN	01	1	TDD	LN		39B	GATED CLOCK- G AN	
06195		XA551	70		XA551	72				168	9		CMCPYA	04	CMG0BN	01	1	TDD	JN		33A	GATED CLOCK- G AN	
06196		XA551	72							168	9		CMCPYA	05	CMG3BN	01	1	TDD	MN		34A	GATED CLOCK- G AN	
06197		XA550	21		XA551	01				168	9		CMCPZA	01	CMCPZA	00	1	TD4	B2		10B		
06198		XA551	01		XA551	10				168	9		CMCPZA	02	CMG5BN	01	1	TDD	BN		02B	GATED CLOCK- G AN	
06199		XA551	10		XA551	14				168	9		CMCPZA	03	CMG4BN	01	1	TDD	AN		07A	GATED CLOCK- G AN	
06200		XA551	14		XA551	26				168	9		CMCPZA	04	CMG7BN	01	1	TDD	DN		09A	GATED CLOCK- G AN	
06201		XA551	26							168	9		CMCPZA	05	CMG6BN	01	1	TDD	CN		14A	GATED CLOCK- G AN	
06202		XA213	22									J	CMCPOA	01	CMCPOA	00	1	TQ2	B1		12A	CMCPAB BUSS	
06203		XA213	14									J	CMCP1A	01	CMCP1A	00	1	TQ2	B2		09A	CMCPAB BUSS	
06204		XA213	21									J	CMCP2A	01	CMCP2A	00	1	TQ2	B3		10B	CMCPAB BUSS	
06205		XA410	72									J	CMCP6A	01	CMCP6A	00	1	TQ2	F2		34A	CMCPMB BUSS	
06206		XA410	69									J	CMCP7A	01	CMCP7A	00	1	TQ2	F3		35A	CMCPMB BUSS	
06207		XA550	79		XA550	73				168	9		CMG0BP	01	GC037A	01	1	TD4	F1		39B		
06208		XA550	73		XA550	68				168	9		CMG0BP	02	GC038A	01	1	TD4	F2		36B		
06209		XA550	68		XA551	59				168	9		CMG0BP	03	GC035A	01	2	TD4	E1		32A		
06210		XA551	59		XA550	60				168	9		CMG0BP	04	CMG0BP	00	1	TDD	JP		31B		
06211		XA550	60							168	9		CMG0BP	05	GC036A	01	3	TD4	E2		28A		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
06212		XA551	61		XA550	54			168	9		CMG0BQ	01	CMG0BQ	00	1	TDD	JQ		32B		
06213		XA550	54		XA550	43			168	9		CMG0BQ	02	GC012A	01	2	TD4	D1		29A		
06214		XA550	43		XA550	37			168	9		CMG0BQ	03	GC013A	01	4	TD4	D2		23B		
06215		XA550	37		XA550	36			168	9		CMG0BQ	04	GC010A	01	4	TD4	C1		18B		
06216		XA550	36						168	9		CMG0BQ	05	GC011A	01	1	TD4	C2		17A		
21543		XA502	23		XA551	68			168	9		CMG090	01				EXT					
06220		XA551	68						168	9		CMG090	02	CMG0B1	01	1	TDD	J1		32A		
06221		XA550	77		XA550	61			168	9		CMG1BP	01	GC037A	01	2	TD4	F1		38B		
06222		XA550	61		XA550	64			168	9		CMG1BP	02	GC035A	01	4	TD4	E1		32B		
06223		XA550	64		XA551	57			168	9		CMG1BP	03	GC036A	01	1	TD4	E2		30A		
06224		XA551	57		XA550	52			168	9		CMG1BP	04	CMG1BP	00	1	TDD	KP		30B		
06225		XA550	52		XA550	42			168	9		CMG1BP	05	GC012A	01	3	TD4	D1		24A		
06226		XA550	42		XA550	34			168	9		CMG1BP	06	GC010A	01	1	TD4	C1		20A		
06227		XA550	34						168	9		CMG1BP	07	GC011A	01	2	TD4	C2		16A		
06228		XA550	71		XA551	55			168	9		CMG1BQ	01	GC038A	01	2	TD4	F2		36A		
06229		XA551	55		XA550	46			168	9		CMG1BQ	02	CMG1BQ	00	1	TDD	KQ		29B		
06230		XA550	46						168	9		CMG1BQ	03	GC013A	01	3	TD4	D2		21A		
21545		XA502	21		XA551	62			168	9		CMG190	01				EXT					
06234		XA551	62						168	9		CMG190	02	CMG1B1	01	1	TDD	K1		29A		
06235		XA551	76		XA550	72			168	9		CMG2BP	01	CMG2BP	00	1	TDD	L0		37A		
06236		XA550	72		XA550	70			168	9		CMG2BP	02	GC038A	01	3	TD4	F2		34A		
06237		XA550	70		XA550	50			168	9		CMG2BP	03	GC035A	01	1	TD4	E1		33A		
06238		XA550	50		XA550	38			168	9		CMG2BP	04	GC013A	01	1	TD4	D2		23A		
06239		XA550	38						168	9		CMG2BP	05	GC010A	01	3	TD4	C1		18A		
06240		XA550	75		XA551	78			168	9		CMG2BQ	01	GC037A	01	3	TD4	F1		37B		
06241		XA551	78		XA550	62			168	9		CMG2BQ	02	CMG2BQ	00	1	TDD	LQ		38A		
06242		XA550	62		XA550	49			168	9		CMG2BQ	03	GC036A	01	2	TD4	E2		29A		
06243		XA550	49		XA550	31			168	9		CMG2BQ	04	GC012A	01	4	TD4	D1		26B		
06244		XA550	31						168	9		CMG2BQ	05	GC011A	01	4	TD4	C2		15B		
21547		XA502	19		XA551	77			168	9		CMG290	01				EXT					
06248		XA551	77						168	9		CMG290	02	CMG2B1	01	1	TDD	L1		38B		
06249		XA551	69		XA550	74			168	9		CMG3BP	01	CMG3BP	00	1	TDD	MP		35A		
06250		XA550	74		XA550	55			168	9		CMG3BP	02	GC038A	01	4	TD4	F2		35B		
06251		XA550	55		XA550	48			168	9		CMG3BP	03	GC036A	01	4	TD4	E2		29B		
06252		XA550	48		XA550	30			168	9		CMG3BP	04	GC013A	01	2	TD4	D2		22A		
06253		XA550	30						168	9		CMG3BP	05	GC011A	01	3	TD4	C2		15A		
06254		XA550	78		XA551	74			168	9		CMG3BQ	01	GC037A	01	4	TD4	F1		38A		
06255		XA551	74		XA550	66			168	9		CMG3BQ	02	CMG3BQ	00	1	TDD	HQ		35B		
06256		XA550	66		XA550	56			168	9		CMG3BQ	03	GC035A	01	3	TD4	E1		31A		
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										AND	OR			
06257		XA550	56		XA550	40			168	9			CMG3BQ	04	GC012A	01	1	TD4	D1		26A					
06258		XA550	40						168	9			CMG3BQ	05	GC010A	01	2	TD4	C1			19A				
21549		XA502	17		XA551	71			168	9			CMG390	01				EXT								
06262		XA551	71						168	9			CMG390	02	CMG38I	01	1	TDD	MI			36A				
17578		XA543	62		XA550	24			168	9			CMG48P	00	CMG4Q0	01	2	TQ2	E2			29A		B05		
06263		XA550	24		XA551	11			168	9			CMG48P	01	GC014A	01	2	TD4	B1			13A				
06264		XA551	11						168	9			CMG48P	02	CMG48P	00	1	TDD	AP			05B		B05		
17579		XA543	68		XA551	13			168	9			CMG48Q	00	CMG4P0	01	2	TQ2	E1			32A		B05		
06269		XA551	13						168	9			CMG48Q	01	CMG48Q	00	1	TDD	AQ			06B		B05		
21247		XA543	66		XA451	61			168	9			CMG4P0	02	CMG4P0	00	1	TQ2	E1			31A		B05		
06265		XA451	61		XA451	62			168	9			CMG4P0	03	GY206A	01	2	TQ2	E4			32B		B05		
06266		XA451	62		XA451	11			168	9			CMG4P0	04	GY106A	01	2	TQ2	E2			29A		B05		
06267		XA451	11		XA451	05			168	9			CMG4P0	05	GY200A	01	1	TQ2	A4			05B		B05		
06268		XA451	05						168	9			CMG4P0	06	GY100A	01	2	TQ2	A2			03B		B05		
21245		XA543	60		XA451	78			168	9			CMG4Q0	01	CMG4Q0	00	1	TQ2	E2			28A		B05		
06270		XA451	78		XA451	71			168	9			CMG4Q0	02	GY406A	01	2	TQ2	F4			38A		B05		
06271		XA451	71		XA451	25			168	9			CMG4Q0	03	GY306A	01	2	TQ2	F2			36A		B05		
06272		XA451	25		XA451	18			168	9			CMG4Q0	04	GY400A	01	2	TQ2	B4			12B		B05		
06273		XA451	18						168	9			CMG4Q0	05	GY300A	01	2	TQ2	B2			10A		B05		
21551		XA502	31		XA551	08			168	9			CMG490	01				EXT								
06277		XA551	08						168	9			CMG490	02	CMG48I	01	1	TDD	AI			06A				
17577		XA543	61		XA550	22			168	9			CMG5BP	00	CMG5Q0	01	2	TQ2	E4			32B		B05		
06278		XA550	22		XA551	09			168	9			CMG5BP	01	GC014A	01	3	TD4	B1			12A				
06279		XA551	09						168	9			CMG5BP	02	CMG5BP	00	1	TDD	BP			04B		B05		
17576		XA543	55		XA551	07			168	9			CMG5BQ	00	CMG5P0	01	2	TQ2	E3			29B		B05		
06284		XA551	07						168	9			CMG5BQ	01	CMG5BQ	00	1	TDD	BQ			03A		B05		
21244		XA543	57		XA451	73			168	9			CMG5P0	01	CMG5P0	00	1	TQ2	E3			30B		B05		
06280		XA451	73		XA451	64			168	9			CMG5P0	03	GY306A	01	1	TQ2	F2			36B		B05		
06281		XA451	64		XA451	20			168	9			CMG5P0	04	GY106A	01	1	TQ2	E2			30A		B05		
06282		XA451	20		XA451	04			168	9			CMG5P0	05	GY300A	01	1	TQ2	B2			11A		B05		
06283		XA451	04						168	9			CMG5P0	06	GY100A	01	1	TQ2	A2			04A		B05		
21246		XA543	63		XA451	76			168	9			CMG5Q0	01	CMG5Q0	00	1	TQ2	E4			33B		B05		
06285		XA451	76		XA451	59			168	9			CMG5Q0	02	GY406A	01	1	TQ2	F4			37A		B05		
06286		XA451	59		XA451	23			168	9			CMG5Q0	03	GY206A	01	1	TQ2	E4			31B		B05		
06287		XA451	23		XA451	13			168	9			CMG5Q0	04	GY400A	01	1	TQ2	B4			11B		B05		
06288		XA451	13						168	9			CMG5Q0	05	GY200A	01	2	TQ2	A4			06B		B05		
21553		XA502	29		XA551	05			168	9			CMG590	01				EXT								
06292		XA551	05						168	9			CMG590	02	CMG58I	01	1	TDD	BI			03B				
													****	SIGNAL	CMG6BP											

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN																	
17580		XA543	71		XA550	25		168	9			CMG6BP	00	CMG6Q0	01	2	TQ2	F2		34A		B05		
06293		XA550	25		XA551	23		168	9			CMG6BP	01	GC014A	01	4	T04	B1		12B				
06294		XA551	23					168	9			CMG6BP	02	CMG6BP	00	1	T00	CP		11B		B05		
17582		XA543	77		XA551	25		168	9			CMG6BQ	00	CMG6P0	01	2	TQ2	F1		38B		B05		
06299		XA551	25					168	9			CMG6BQ	01	CMG6BQ	00	1	T00	CQ		12B		B05		
21250		XA543	75		XA451	68		168	9			CMG6P0	01	CMG6P0	00	1	TQ2	F1		37B		B05		
06295		XA451	68		XA451	55		168	9			CMG6P0	03	GX106A	01	2	TQ2	E1		32A		B05		
06296		XA451	55		XA451	08		168	9			CMG6P0	04	GX206A	01	2	TQ2	E3		29B		B05		
06297		XA451	08		XA451	03		168	9			CMG6P0	05	GX100A	01	2	TQ2	A1		08A		B05		
06298		XA451	03					168	9			CMG6P0	06	GX200A	01	1	TQ2	A3		02A		B05		
21249		XA543	72		XA451	77		168	9			CMG6Q0	01	CMG6Q0	00	1	TQ2	F2		34A		B05		
06300		XA451	77		XA451	74		168	9			CMG6Q0	02	GX306A	01	2	TQ2	F1		38B		B05		
06301		XA451	74		XA451	24		168	9			CMG6Q0	03	GX406A	01	2	TQ2	F3		35B		B05		
06302		XA451	24		XA451	19		168	9			CMG6Q0	04	GX300A	01	2	TQ2	B1		13A		B05		
06303		XA451	19					168	9			CMG6Q0	05	GX400A	01	2	TQ2	B3		09B		B05		
21555		XA502	27		XA551	24		168	9			CMG690	01				EXT							
06307		XA551	24					168	9			CMG690	02	CMG68I	01	1	T00	CI		13A				
17583		XA543	78		XA550	26		168	9			CMG78P	00	CMG7Q0	01	2	TQ2	F4		38A		B05		
06308		XA550	26		XA551	21		168	9			CMG78P	01	GC014A	01	1	T04	B1		14A				
06309		XA551	21					168	9			CMG78P	02	CMG78P	00	1	T00	DP		10B		B05		
17581		XA543	74		XA551	19		168	9			CMG78Q	00	CMG7P0	01	2	TQ2	F3		35B		B05		
06314		XA551	19					168	9			CMG78Q	01	CMG7BQ	00	1	T00	DQ		09B		B05		
21248		XA543	69		XA451	79		168	9			CMG7P0	01	CMG7P0	00	1	TQ2	F3		35A		B05		
06310		XA451	79		XA451	70		168	9			CMG7P0	03	GX306A	01	1	TQ2	F1		39B		B05		
06311		XA451	70		XA451	26		168	9			CMG7P0	04	GX106A	01	1	TQ2	E1		33A		B05		
06312		XA451	26		XA451	10		168	9			CMG7P0	05	GX300A	01	1	TQ2	B1		14A		B05		
06313		XA451	10					168	9			CMG7P0	06	GX100A	01	1	TQ2	A1		07A		B05		
21251		XA543	80		XA451	65		168	9			CMG7Q0	01	CMG7Q0	00	1	TQ2	F4		39A		B05		
06315		XA451	65		XA451	53		168	9			CMG7Q0	02	GX406A	01	1	TQ2	F3		34B		B05		
06316		XA451	53		XA451	17		168	9			CMG7Q0	03	GX206A	01	1	TQ2	E3		28B		B05		
06317		XA451	17		XA451	07		168	9			CMG7Q0	04	GX400A	01	1	TQ2	B3		08B		B05		
06318		XA451	07					168	9			CMG7Q0	05	GX200A	01	2	TQ2	A3		03A		B05		
21557		XA502	25		XA551	18		168	9			CMG790	01				EXT							
06322		XA551	18					168	9			CMG790	02	CMG78I	01	1	T00	D1		10A				
21559		XA502	55		XA411	11		168	9			CMM0BP	01				EXT							
06326		XA411	11		XA529	78		168	9			CMM0BP	02	CMM0BP	00	1	T00	AP		05B				
06328		XA529	78		XA528	79		168	9			CMM0BP	04	MC041A	01	4	T04	F1		38A				
06329		XA528	79		XA523	71		168	9			CMM0BP	05	MC0430	01	1	TQ2	F1		39B				
06330		XA523	71					168	9			CMM0BP	06	MC0400	01	1	TT3	F2		38A				
												****	SIGNAL	(CMM0BQ)	IS ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	TYPE	GROUP	CODE	COLOR													IDENT		
06331		XA536	56		XA535	56			16B	9		CMM0BQ	01	MM00Q0	01	1	TQ2	D1		26A					
06332		XA535	56		XA532	39			16B	9		CMM0BQ	02	MA005A	01	1	TQ2	D1		26A					
06333		XA532	39		XA529	66			16B	9		CMM0BQ	03	MK10BQ	01	1	T00	EQ		19B					
06334		XA529	66		XA529	50			16B	9		CMM0BQ	04	MB000A	01	3	T04	E1		31A					
06335		XA529	50		XA531	11			16B	9		CMM0BQ	05	MD282A	01	1	T04	D2		23A					
06336		XA531	11		XA523	69			16B	9		CMM0BQ	06	MC045A	01	2	TT3	A3		05B					
06337		XA523	69		XA521	76			16B	9		CMM0BQ	07	MD015A	01	1	TY3	F3		35A					
17855		XA521	76		XA411	13			16B	9		CMM0BQ	071	MO017A	01	1	TQ2	F4		37A					
06338		XA411	13		XA412	75			16B	9		CMM0BQ	08	CMM0BQ	00	1	T00	AQ		06B					
17773		XA412	75						16B	9		CMM0BQ	09		01	3	T04	F1		37B		B03			
17808		XA412	64		XA412	70			16B	9		CMM0CP	01	MB003A	01	1	T04	E2		30A		E03			
17809		XA412	70		XA532	76			16B	9		CMM0CP	02	CMM0Q0	01	1	T04	E1		33A		E03			
06343		XA532	76									CMM0CP	03	CMM0CP	00	1	T00	LP		37A		E03			
21198		XA412	59		XA425	40			16B	9		CMM0Q0	01	CMM0Q0	00	1	T04	E1		31B		E03			
06353		XA425	40		XA425	34			16B	9		CMM0Q0	02	MC012A	01	2	TY3	C1		19A		E03			
06354		XA425	34		XA425	26			16B	9		CMM0Q0	03	MC014A	01	1	TY3	C2		16A		E03			
06355		XA425	26		XA425	25			16B	9		CMM0Q0	04	MC006A	01	1	TY3	B1		14A		E03			
06356		XA425	25		XA425	18			16B	9		CMM0Q0	05	MC010A	01	3	TY3	B3		12B		E03			
06357		XA425	18		XA425	08			16B	9		CMM0Q0	06	MC008A	01	1	TY3	B2		10A		E03			
06358		XA425	08		XA425	09			16B	9		CMM0Q0	07	MC000A	01	2	TY3	A1		06A		E03			
06359		XA425	09		XA425	01			16B	9		CMM0Q0	08	MC004A	01	1	TY3	A3		04B		E03			
06360		XA425	01						16B	9		CMM0Q0	09	MC002A	01	2	TY3	A2		02B		E03			
21561		XA502	49		XA411	08			16B	9		CMM090	01				EXT								
06366		XA411	08		XA532	77			16B	9		CMM090	02	CMM0B1	01	1	T00	AI		06A					
06367		XA532	77						16B	9		CMM090	03	CMM0C1	01	1	T00	LI		38B					
06368		XA534	78		XA531	38			16B	9		CMM1BP	01	MP406A	01	8	TS8	F1		35A					
06369		XA531	38		XA523	76			16B	9		CMM1BP	02	MC075A	01	3	TY3	C1		18A					
06370		XA523	76		XA521	78			16B	9		CMM1BP	03	MD015A	01	2	TY3	F3		37A					
17862		XA521	78		XA411	09			16B	9		CMM1BP	031	MD017A	01	2	TQ2	F4		38A					
06371		XA411	09						16B	9		CMM1BP	04	CMM1BP	00	1	T00	BP		04B					
06372		XA529	75		XA529	62			16B	9		CMM1BQ	01	MC041A	01	3	T04	F1		37B					
06373		XA529	62		XA529	34			16B	9		CMM1BQ	02	MD279A	01	2	T04	E2		29A					
06374		XA529	34		XA531	17			16B	9		CMM1BQ	03	MP408A	01	2	T04	C2		16A					
06375		XA531	17		XA531	13			16B	9		CMM1BQ	04	MC065A	01	3	TY3	B2		08B					
06376		XA531	13		XA519	03			16B	9		CMM1BQ	05	MC045A	01	3	TY3	A3		06B					
06377		XA519	03		XA411	07			16B	9		CMM1BQ	06	MD118A	01	1	TQ2	A3		02A					
06378		XA411	07						16B	9		CMM1BQ	07	CMM1BQ	00	1	T00	BQ		03A					
21563		XA502	47		XA411	05			16B	9		CMM190	01				EXT								
06382		XA411	05						16B	9		CMM190	02	CMM1B1	01	1	T00	B1		03B					
06385		XA529	77		XA529	64			16B	9		CMM2BP	01	MC041A	01	2	T04	F1		38B					
06386		XA529	64		XA411	23			16B	9		CMM2BP	02	MD279A	01	1	T04	E2		30A					
06387		XA411	23						16B	9		CMM2BP	03	CMM2BP	00	1	T00	CP		11B					
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	PREFILE	CONNECTOR	PIN	PREFILE	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
06388		XA537	10		XA531	18			168	9		CMM2BQ	01	MP407A	01	1	TS8	A1		07A		
06389		XA531	18		XA529	30			168	9		CMM2BQ	02	MC065A	01	1	TT3	B2		10A		
06390		XA529	30		XA531	40			168	9		CMM2BQ	03	MP408A	01	3	TD4	C2		15A		
06391		XA531	40		XA535	70			168	9		CMM2BQ	04	MC075A	01	2	TT3	C1		19A		
06392		XA535	70		XA534	71			168	9		CMM2BQ	05	MD263A	01	1	TQ2	E1		33A		
06393		XA534	71		XA519	18			168	9		CMM2BQ	06	MP406A	01	5	TS8	F1		36A		
06394		XA519	18		XA411	25			168	9		CMM2BQ	07	MD121A	01	2	TQ2	B2		15A		
06395		XA411	25						168	9		CMM2BQ	08	CMM2BQ	00	1	TDD	CQ		12B		
21565		XA502	45		XA411	24			168	9		CMM290	01				EXT					
06399		XA411	24						168	9		CMM290	02	CMM28I	01	1	TDD	C1		13A		
06402		XA529	43		XA411	19			168	9		CMM3BQ	01	MD282A	01	4	TD4	D2		23B		
06403		XA411	19						168	9		CMM3BQ	02	CMM3BQ	00	1	TDD	DQ		09B		
21567		XA502	43		XA411	18			168	9		CMM390	01				EXT					
06407		XA411	18						168	9		CMM390	02	CMM38I	01	1	TDD	D1		10A		
06327		XA529	55		XA536	23			168	9		CMM48Q	00	MD279A	01	4	TD4	E2		29B		
06410		XA536	23		XA531	53			168	9		CMM48Q	01	MC094A	01	1	TQ2	B4		11B		
06411		XA531	53		XA411	37			168	9		CMM48Q	02	MC095A	01	3	TT3	E2		28B		
06412		XA411	37						168	9		CMM48Q	03	CMM48Q	00	1	TDD	EQ		18B		
21569		XA502	41		XA411	40			168	9		CMM490	01				EXT					
06416		XA411	40						168	9		CMM490	02	CMM48I	01	1	TDD	E1		19A		
06417		XA412	56		XA411	33			168	9		CMM5BP	01	MD006A	01	1	TD4	D1		26A		
06418		XA411	33		XA412	37			168	9		CMM5BP	02	CMM5BP	00	1	TDD	FP		16B		
06419		XA412	37		XA412	31			168	9		CMM5BP	03	MD004A	01	4	TD4	C1		18B		
06420		XA412	31		XA412	25			168	9		CMM5BP	04	MD005A	01	4	TD4	C2		15B		
06421		XA412	25		XA412	19			168	9		CMM5BP	05	MD002A	01	4	TD4	B1		12B		
06422		XA412	19		XA412	08			168	9		CMM5BP	06	MD003A	01	4	TD4	B2		09B		
06423		XA412	08		XA412	01			168	9		CMM5BP	07	MD000A	01	2	TD4	A1		06A		
06424		XA412	01						168	9		CMM5BP	08	MD001A	01	3	TD4	A2		02B		
06425		XA413	01		XA413	08			168	9		CMM5BQ	01	MD009A	01	3	TD4	A2		02B		
06426		XA413	08		XA413	14			168	9		CMM5BQ	02	MD008A	01	2	TD4	A1		06A		
06427		XA413	14		XA413	24			168	9		CMM5BQ	03	MD011A	01	3	TD4	B2		09A		
06428		XA413	24		XA413	36			168	9		CMM5BQ	04	MD010A	01	2	TD4	B1		13A		
06429		XA413	36		XA413	40			168	9		CMM5BQ	05	MD013A	01	1	TD4	C2		17A		
06430		XA413	40		XA413	50			168	9		CMM5BQ	06	MD012A	01	2	TD4	C1		19A		
06431		XA413	50		XA413	54			168	9		CMM5BQ	07	MD007A	01	1	TD4	D2		23A		
06432		XA413	54		XA411	31			168	9		CMM5BQ	08	MD014A	01	2	TD4	D1		25A		
06433		XA411	31						168	9		CMM5BQ	09	CMM5BQ	00	1	TDD	FQ		15B		
21571		XA502	39		XA411	34			168	9		CMM590	01				EXT					
06437		XA411	34						168	9		CMM590	02	CMM58I	01	1	TDD	FI		16A		
06438		XA413	07		XA412	04			168	9		CMM6BP	01	MD009A	01	4	TD4	A2		03A		
06439		XA412	04		XA412	06			168	9		CMM6BP	02	MD001A	01	1	TD4	A2		04A		
									****	SIGNAL		CMM6BP		S ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFO 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												SPEC INST	MISC
06440		XA412	06		XA413	13				168	9			CMM6BP	03	MD000A	01	3	T04	A1		05A			
06441		XA413	13		XA413	22				168	9			CMM6BP	04	MD008A	01	4	T04	A1		06B			
06442		XA413	22		XA412	24				168	9			CMM6BP	05	MD010A	01	3	T04	B1		12A			
06443		XA412	24		XA413	43				168	9			CMM6BP	06	MD002A	01	2	T04	B1		13A			
06444		XA413	43		XA411	47				168	9			CMM6BP	07	MD007A	01	4	T04	D2		23B			
06445		XA411	47							168	9			CMM6BP	08	CMM6BP	00	1	T0D	GP		25B			
06446		XA412	18		XA413	18				168	9			CMM6BQ	01	MD003A	01	2	T04	B2		10A			
06447		XA413	18		XA413	34				168	9			CMM6BQ	02	MD011A	01	2	T04	B2		10A			
06448		XA413	34		XA412	36				168	9			CMM6BQ	03	MD013A	01	2	T04	C2		16A			
06449		XA412	36		XA412	38				168	9			CMM6BQ	04	MD005A	01	1	T04	C2		17A			
06450		XA412	38		XA413	37				168	9			CMM6BQ	05	MD004A	01	3	T04	C1		18A			
06451		XA413	37		XA413	52				168	9			CMM6BQ	06	MD012A	01	4	T04	C1		18B			
06452		XA413	52		XA412	49				168	9			CMM6BQ	07	MD014A	01	3	T04	D1		24A			
06453		XA412	49		XA411	49				168	9			CMM6BQ	08	MD006A	01	4	T04	D1		26B			
06454		XA411	49							168	9			CMM6BQ	09	CMM6BQ	00	1	T0D	G0		26B			
21573		XA502	37		XA411	54				168	9			CMM690	01				EXT						
06458		XA411	54							168	9			CMM690	02	CMM6B1	01	1	T0D	G1		29A			
06459		XA412	13		XA413	10				168	9			CMM78P	01	MD000A	01	4	T04	A1		06B			
06460		XA413	10		XA413	19				168	9			CMM78P	02	MD008A	01	1	T04	A1		07A			
06461		XA413	19		XA412	20				168	9			CMM78P	03	MD011A	01	4	T04	B2		09B			
06462		XA412	20		XA413	46				168	9			CMM78P	04	MD003A	01	1	T04	B2		11A			
06463		XA413	46		XA413	42				168	9			CMM78P	05	MD007A	01	3	T04	D2		21A			
06464		XA413	42		XA412	40				168	9			CMM78P	06	MD012A	01	1	T04	C1		20A			
06465		XA412	40		XA411	45				168	9			CMM78P	07	MD004A	01	2	T04	C1		19A			
06466		XA411	45							168	9			CMM78P	08	CMM78P	00	1	T0D	HP		24B			
06467		XA413	56		XA412	54				168	9			CMM78Q	01	MD014A	01	1	T04	D1		26A			
06468		XA412	54		XA411	43				168	9			CMM78Q	02	MD006A	01	2	T04	D1		25A			
06469		XA411	43		XA413	31				168	9			CMM78Q	03	CMM78Q	00	1	T0D	H0		23B			
06470		XA413	31		XA412	30				168	9			CMM78Q	04	MD013A	01	4	T04	C2		15B			
06471		XA412	30		XA412	26				168	9			CMM78Q	05	MD005A	01	3	T04	C2		15A			
06472		XA412	26		XA413	25				168	9			CMM78Q	06	MD002A	01	1	T04	B1		14A			
06473		XA413	25		XA413	04				168	9			CMM78Q	07	MD010A	01	4	T04	B1		12B			
06474		XA413	04		XA412	05				168	9			CMM78Q	08	MD009A	01	1	T04	A2		04A			
06475		XA412	05							168	9			CMM78Q	09	MD001A	01	2	T04	A2		03B			
21575		XA502	35		XA411	48				168	9			CMM790	01				EXT						
06479		XA411	48							168	9			CMM790	02	CMM7B1	01	1	T0D	H1		22A			
06480		XA413	05		XA412	07				168	9			CMM8BP	01	MDJ09A	01	2	T04	A2		03B			
06481		XA412	07		XA412	14				168	9			CMM8BP	02	MD001A	01	4	T04	A2		03A			
06482		XA412	14		XA413	20				168	9			CMM8BP	03	MD003A	01	3	T04	B2		09A			
06483		XA413	20		XA412	34				168	9			CMM8BP	04	MD011A	01	1	T04	B2		11A			
06484		XA412	34		XA413	30				168	9			CMM8BP	05	MD005A	01	2	T04	C2		16A			
06485		XA413	30		XA413	48				168	9			CMM8BP	06	MD013A	01	3	T04	C2		15A			
06486		XA413	48		XA411	59				168	9			CMM8BP	07	MD007A	01	2	T04	D2		22A			
06487		XA411	59							168	9			CMM8BP	08	CMM8BP	00	1	T0D	JP		31B			



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											SPEC INST MISC
06488		XA413	06		XA412	10				16B	9			CMM8BQ	01	MD008A	01	3	TD4	A1	05A		
06489		XA412	10		XA412	22				16B	9			CMM8BQ	02	MD000A	01	1	TD4	A1	07A		
06490		XA412	22		XA413	26				16B	9			CMM8BQ	03	MD002A	01	3	TD4	B1	12A		
06491		XA413	26		XA413	38				16B	9			CMM8BQ	04	MD010A	01	1	TD4	B1	14A		
06492		XA413	38		XA412	42				16B	9			CMM8BQ	05	MD012A	01	3	TD4	C1	18A		
06493		XA412	42		XA412	52				16B	9			CMM8BQ	06	MD004A	01	1	TD4	C1	20A		
06494		XA412	52		XA413	49				16B	9			CMM8BQ	07	MD006A	01	3	TD4	D1	24A		
06495		XA413	49		XA411	61				16B	9			CMM8BQ	08	MD014A	01	4	TD4	D1	26B		
06496		XA411	61							16B	9			CMM8BQ	09	CMM8BQ	00	1	TDD	JQ	32B		
21577		XA502	33		XA411	68				16B	9			CMM890	01				EXT				
06500		XA411	68							16B	9			CMM890	02	CMM88I	01	1	TDD	J1	32A		
06501		XA531	79		XA435	65				16B	9			CMNOBP	01	MK09IA	01	1	TT3	F1	39B		
06502		XA435	65		XA425	65				16B	9			CMNOBP	02	MC039A	01	3	TT3	F2	34B		
06503		XA425	65		XA411	57				16B	9			CMNOBP	03	MA000A	01	3	TT3	F2	34B		
06504		XA411	57							16B	9			CMNOBP	04	CMNOBP	00	1	TDD	KP	30B		
06505		XA531	61		XA531	35				16B	9			CMNOBQ	01	MC100A	01	3	TT3	E3	32B		
06506		XA531	35		XA435	78				16B	9			CMNOBQ	02	MP403A	01	2	TT3	C3	17B		
06507		XA435	78		XA425	78				16B	9			CMNOBQ	03	MC038A	01	3	TT3	F3	38A		
06508		XA425	78		XA411	55				16B	9			CMNOBQ	04	MA002A	01	3	TT3	F3	38A		
06509		XA411	55							16B	9			CMNOBQ	05	CMNOBQ	00	1	TDD	KQ	29B		
21671		XA501	15		XA411	62				16B	9			CMN090	01				EXT				
06513		XA411	62							16B	9			CMN090	02	CMNOBI	01	1	TDD	KI	29A		
06514		XA531	75		XA531	57				16B	9			CMN1BP	01	MK09IA	01	3	TT3	F1	37B		
06515		XA531	57		XA531	37				16B	9			CMN1BP	02	MC100A	01	1	TT3	E3	30B		
06516		XA531	37		XA411	76				16B	9			CMN1BP	03	MP403A	01	3	TT3	C3	18B		
06517		XA411	76							16B	9			CMN1BP	04	CMN1BP	00	1	TDD	LP	37A		
06518		XA435	72		XA435	69				16B	9			CMN1BQ	01	MC039A	01	2	TT3	F2	34A		
06519		XA435	69		XA425	72				16B	9			CMN1BQ	02	MC038A	01	1	TT3	F3	35A		
06520		XA425	72		XA425	69				16B	9			CMN1BQ	03	MA000A	01	2	TT3	F2	34A		
06521		XA425	69		XA411	78				16B	9			CMN1BQ	04	MA002A	01	1	TT3	F3	35A		
06522		XA411	78		XA412	62				16B	9			CMN1BQ	05	CMN1BQ	00	1	TDD	LQ	38A	E03	
17796		XA412	62							16B	9			CMN1BQ	06	MB003A	01	2	T04	E2	29A	E03	
21579		XA501	17		XA411	77				16B	9			CMN190	01				EXT				
06526		XA411	77							16B	9			CMN190	02	CMN1BI	01	1	TDD	LI	38B		
06527		XA531	33		XA425	76				16B	9			CMN2BP	01	MP403A	01	1	TT3	C3	16B		
06528		XA425	76		XA425	71				16B	9			CMN2BP	02	MA002A	01	2	TT3	F3	37A		
06529		XA425	71		XA411	69				16B	9			CMN2BP	03	MA000A	01	1	TT3	F2	36A		
06530		XA411	69							16B	9			CMN2BP	04	CMN2BP	00	1	TDD	MP	35A		
06531		XA531	77		XA531	59				16B	9			CMN2BQ	01	MK09IA	01	2	TT3	F1	38B		
										****			SIGNAL	CMN2BQ		IS ON THE			NEXT PAGE	****			





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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP								CODE	COLOR			IDENT
21627 06657		XA202 XA245	55 01		XA245	01		168 168	9 9				EXT TD4	A2		02B				
21629 06661		XA105 XA111	31 14		XA111	14		168 168	9 9				EXT TD4	B2		09A				
21631 06667 06668		XA202 XA213 XA132	57 71 04		XA213 XA132	71 04		168 168 168	9 9 9				EXT TQ2 TS8	F2 F2 A1		36A 04A				
21633 06672		XA105 XA113	33 25		XA113	25		168 168	9 9				EXT TQ2	B4		12B				
21634 06674 06675 06676		XA105 XA131 XA132 XA132	37 56 19 06		XA131 XA132 XA132	56 19 06		168 168 168 168	9 9 9 9				EXT TD4 TS8 TS8	D1 D1 B1 A1		26A 09B 05A				
21637 06682 06683		XA105 XA111 XA132	35 71 37		XA111 XA132	71 37		168 168 168	9 9 9				EXT TD4 TS8	F2 F2 C1		36A 18B				
21639 06687 06688		XA502 XA530 XA536	57 37 18		XA530 XA536	37 18		168 168 168	9 9 9				EXT TS8 TQ2	C1 C1 B2		18B 10A				
21641 06692 06693		XA502 XA512 XA530	59 78 43		XA512 XA530	78 43		168 168 168	9 9 9				EXT TS8 TS8	F1 F1 D1		38A 23B				
21642 06695		XA502 XA535	61 10		XA535	10		168 168	9 9				EXT TQ2	A1		07A				
22285 06699		XA501 XA535	77 08		XA535	08		168 168	9 9				EXT TQ2	A1		06A				
22287 06705		XA501 XA534	79 07		XA534	07		168 168	9 9				EXT TS8	A1		03A				
22279 06707		XA501 XA531	71 26		XA531	26		168 168	9 9				EXT TT3	B1		14A				
21995 06711		XA501 XA531	39 24		XA531	24		168 168	9 9				EXT TT3	B1		13A				
21988 06717 06718		XA501 XA531 XA534	37 25 30		XA531 XA534	25 30		168 168 168	9 9 9				EXT TT3 TS8	B3 B3 C1		12B 15A				
21654		XA501	01		XA531	22		168	9				EXT						TO BAY 2	
										****	SIGNAL	(CQM07A)	IS ON THE NEXT PAGE				****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL OR IDENT	WIRE												
06720		XA531	22						16B	9			CQM07A	02	MC0510	01	3	TT3	B1		12A			
21664		XA501	07		XA529	42			16B	9			CQM070	01				EXT						
06726		XA529	42		XA534	56			16B	9			CQM070	02	MC069A	01	1	T04	C1		20A			
06727		XA534	56						16B	9			CQM070	03	MC060A	01	1	TS8	D1		26A			
21658		XA501	05		XA536	25			16B	9			CQM08A	01				EXT						
06729		XA536	25						16B	9			CQM08A	02	MC094A	01	2	TQ2	B4		12B			
21661		XA501	03		XA531	62			16B	9			CQM080	01				EXT						
06735		XA531	62		XA531	66			16B	9			CQM080	02	MC095A	01	1	TT3	E2		29A			
06736		XA531	66		XA536	19			16B	9			CQM080	03	MC085A	01	3	TT3	E1		31A			
06737		XA536	19						16B	9			CQM080	04	MC0860	01	2	TQ2	B3		09B			
21657		XA502	75		XA512	76		ZR	1E8	9			CSE0DA	01				EXT						
06739		XA512	76					ZR	1E8	9			CSE0DA	02	CSE0DA	00	1	TS8	F1		37A	SLC ESO F02.(MOD)		
22844		XA502	76		XA512	67		ZR	1E8	0			CSE0DG	01				EXT						
22845		XA512	67					ZR	1E8	0			CSE0DG	02				TS8						
22281		XA501	73		XA543	03		11	1E8	9			CTGMCB	01				EXT						
06743		XA543	03		XA543	04			16B	9			CTGMCB	02	CTG210	01	1	TQ2	A3		02A			
06744		XA543	04		XA543	10			16B	9			CTGMCB	03	CTG110	01	1	TQ2	A2		04A			
06745		XA543	10		XA543	11			16B	9			CTGMCB	04	CTG010	01	2	TQ2	A1		07A			
06746		XA543	11		XA543	17			16B	9			CTGMCB	05	CTM040	01	1	TQ2	A4		05B			
06747		XA543	17		XA543	20			16B	9			CTGMCB	06	CTG020	01	1	TQ2	B3		08B			
06748		XA543	20		XA543	23			16B	9			CTGMCB	07	CTG120	01	2	TQ2	B2		11A			
06749		XA543	23		XA543	26			16B	9			CTGMCB	08	CTM030	01	1	TQ2	B4		11B			
06750		XA543	26		XA543	29			16B	9			CTGMCB	09	CTG220	01	2	TQ2	B1		14A			
06751		XA543	29		XA543	35			16B	9			CTGMCB	10	CTG030	01	1	TQ2	C3		14B			
06752		XA543	35		XA543	36			16B	9			CTGMCB	11	CTM010	01	1	TQ2	C4		17B			
06753		XA543	36		XA543	40			16B	9			CTGMCB	12	CTG130	01	2	TQ2	C2		17A			
06754		XA543	40		XA543	41			16B	9			CTGMCB	13	CTG230	01	1	TQ2	C1		19A			
06755		XA543	41		XA543	47			16B	9			CTGMCB	14	CTG040	01	1	TQ2	D3		22B			
06756		XA543	47		XA543	50			16B	9			CTGMCB	15	CTG240	01	1	TQ2	D4		25B			
06757		XA543	50		XA543	56			16B	9			CTGMCB	16	CTG140	01	2	TQ2	D2		23A			
06758		XA543	56						16B	9			CTGMCB	17	CTM020	01	2	TQ2	D1		26A			
22282		XA501	74		XA543	02		11	1E8	0			CTGMCG	01				EXT						
23335		XA543	02					11	1E8	0			CTGMCG	02				TQ2				01A		
22283		XA501	75		XA543	05		14	1E8	9			CTGMUB	01				EXT						
06762		XA543	05		XA543	07			16B	9			CTGMUB	02	CTG110	01	2	TQ2	A2		03B			
06763		XA543	07		XA543	08			16B	9			CTGMUB	03	CTG210	01	2	TQ2	A3		03A			
06764		XA543	08		XA543	13			16B	9			CTGMUB	04	CTG010	01	1	TQ2	A1		06A			
06765		XA543	13		XA543	18			16B	9			CTGMUB	05	CTM040	01	2	TQ2	A4		06B			
06766		XA543	18		XA543	19			16B	9			CTGMUB	06	CTG120	01	1	TQ2	B2		10A			
06767		XA543	19		XA543	24			16B	9			CTGMUB	07	CTG020	01	2	TQ2	B3		09B			
06768		XA543	24		XA543	25			16B	9			CTGMUB	08	CTG220	01	1	TQ2	B1		13A			
06769		XA543	25		XA543	31			16B	9			CTGMUB	09	CTM030	01	2	TQ2	B4		12B			
									***			SIGNAL	CTGMUB		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR									IDENT	AND/OR		
06770		XA543	31		XA543	34			16B	9		CTGMUB	10	CTG030	01	2	TQ2	C3		15B			
06771		XA543	34		XA543	37			16B	9		CTGMUB	11	CTG130	01	1	TQ2	C2		16A			
06772		XA543	37		XA543	42			16B	9		CTGMUB	12	CTM010	01	2	TQ2	C4		18B			
06773		XA543	42		XA543	43			16B	9		CTGMUB	13	CTG230	01	2	TQ2	C1		20A			
06774		XA543	43		XA543	48			16B	9		CTGMUB	14	CTG040	01	2	TQ2	D3		23B			
06775		XA543	48		XA543	49			16B	9		CTGMUB	15	CTG140	01	1	TQ2	D2		22A			
06776		XA543	49		XA543	54			16B	9		CTGMUB	16	CTG240	01	2	TQ2	D4		26B			
06777		XA543	54						16B	9		CTGMUB	17	CTM020	01	1	TQ2	D1		25A			
22284		XA501	76		XA543	02		14	1EB	0		CTGMUG	01				EXT						
22846		XA543	02					14	1EB	0		CTGMUG	02				TQ2			01A			
21343		XA543	06								J	CTG010		CTG010	00	1	TQ2	A1		05A	CLKG0B BUSS		
21344		XA543	21								J	CTG020		CTG020	00	1	TQ2	B3		10B	CLKG0B BUSS		
21345		XA543	33								J	CTG030		CTG030	00	1	TQ2	C3		16B	CLKG0B BUSS		
21346		XA543	43								J	CTG040		CTG040	00	1	TQ2	D3		24B	CLKG0B BUSS		
21347		XA543	01								J	CTG110		CTG110	00	1	TQ2	A2		02B	CLKG1B BUSS		
21348		XA543	14								J	CTG120		CTG120	00	1	TQ2	B2		09A	CLKG1B BUSS		
21349		XA543	30								J	CTG130		CTG130	00	1	TQ2	C2		15A	CLKG1B BUSS		
21350		XA543	46								J	CTG140		CTG140	00	1	TQ2	D2		21A	CLKG1B BUSS		
21351		XA543	09								J	CTG210		CTG210	00	1	TQ2	A3		04B	CLKG2B BUSS		
21352		XA543	22								J	CTG220		CTG220	00	1	TQ2	B1		12A	CLKG2B BUSS		
21353		XA543	38								J	CTG230		CTG230	00	1	TQ2	C1		18A	CLKG2B BUSS		
21354		XA543	51								J	CTG240		CTG240	00	1	TQ2	D4		27B	CLKG2B BUSS		
21668		XA202	59		XA507	06			16B	9		CTMPL0	01				EXT						
15846		XA507	06						16B	9		CTMPL0	02	MYPAROX	01	1	DCF	A1		05A		803	
22847		XA502	68		XA535	44		ZL	1EB	0		CTMWRG	01				EXT						
22848		XA535	44					ZL	1EB	0		CTMWRG	02				TQ2			21B			
21644		XA502	67		XA535	43		ZL	1EB	9		CTMWR0	01				EXT						
06783		XA535	43					ZL	1EB	9		CTMWR0	02	MC070A	01	2	TQ2	D3		23B			
21355		XA543	39								J	CTM010		CTM010	00	1	TQ2	C4		19B	CLKM0B BUSS		
21356		XA543	52								J	CTM020		CTM020	00	1	TQ2	D1		24A	CLKM0B BUSS		
21357		XA543	27								J	CTM030		CTM030	00	1	TQ2	B4		13B	CLKM0B BUSS		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SH	MULTI GROUP	CODE	COLOR											IDENT		
21358		XA543	15									J	CTM040		CTM040	00	1	TQ2	A4		07B	CLKMOB BUSS	
21674		XA501	11		XA533	10			168	9			CT1MBQ	01				EXT					
06787		XA533	10		XA536	07			168	9			CT1MBQ	02	MK008N	01	1	TDD	AN		07A		
06788		XA536	07		XA535	36			168	9			CT1MBQ	03	MC0730	01	2	TQ2	A3		03A		
06789		XA535	36						168	9			CT1MBQ	04	MC0640	01	1	TQ2	C2		17A		
21666		XA501	09		XA532	30		12	1E8	9			CT16MA	01				EXT					
06791		XA532	30		XA532	56			168	9			CT16MA	02	MK128N	01	1	TDD	FN		15A		
06792		XA532	56		XA533	30			168	9			CT16MA	03	MK148N	01	1	TDD	GN		26A		
06793		XA533	30		XA533	56			168	9			CT16MA	04	MK138N	01	1	TDD	FN		15A		
06794		XA533	56						168	9			CT16MA	05	MK158N	01	1	TDD	GN		26A		
22849		XA501	10		XA532	32		12	1E8	0			CT16MG	01				EXT					
22850		XA532	32					12	1E8	0			CT16MG	02				TDD			21B		
22055		XA201	35		XA224	65			168	9			C454G0	01				EXT					
17700		XA224	65						168	9			C454G0	02	MC121A	01	1	TQ2	F3		34B		
06797		XA337	24		XA337	20			168	9			DAACCA	01	DAACFO	01	2	TQ2	B1		13A		
06798		XA337	20		XA337	10			168	9			DAACCA	02	DAACGO	01	1	TQ2	B2		11A		
06799		XA337	10		XA337	04			168	9			DAACCA	03	DAACDO	01	1	TQ2	A1		07A		
06800		XA337	04		XA228	57			168	9			DAACCA	04	DAACE0	01	1	TQ2	A2		04A		
06801		XA228	57		XA226	07			168	9			DAACCA	05	DAACCA	00	1	TQ2	E3		30B	AC TO DB CONTROL	
06802		XA226	07						168	9			DAACCA	06	DAACCO	01	2	TQ2	A3		03A		
06803		XA324	79		XA324	78			168	9			DAACCO	01	DA03CD	01	1	TLD	F1		39B		
06804		XA324	78		XA324	73			168	9			DAACCO	02	DA00CD	01	2	TLD	F4		38A		
06805		XA324	73		XA324	65			168	9			DAACCO	03	DA02CD	01	1	TLD	F2		36B		
06806		XA324	65		XA324	59			168	9			DAACCO	04	DA01CD	01	1	TLD	F3		34B		
06807		XA324	59		XA324	53			168	9			DAACCO	05	DA04CD	01	1	TLD	E4		31B		
06808		XA324	53		XA226	09			168	9			DAACCO	06	DA05CD	01	1	TLD	E3		28B		
06809		XA226	09						168	9			DAACCO	07	DAACCO	00	1	TQ2	A3		04B	AC 00-05 TO DB 00	
06810		XA337	06		XA334	61			168	9			DAACDO	01	DAACDO	00	1	TQ2	A1		05A	AC 06-12 TO DB 06	
06811		XA334	61		XA334	65			168	9			DAACDO	02	DA12CD	01	2	TLD	E4		32B		
06812		XA334	65		XA334	73			168	9			DAACDO	03	DA09CD	01	1	TLD	F3		34B		
06813		XA334	73		XA334	78			168	9			DAACDO	04	DA10CD	01	1	TLD	F2		36B		
06814		XA334	78		XA334	79			168	9			DAACDO	05	DA08CD	01	2	TLD	F4		38A		
06815		XA334	79		XA324	68			168	9			DAACDO	06	DA11CD	01	1	TLD	F1		39B		
06816		XA324	68		XA324	64			168	9			DAACDO	07	DA07CD	01	2	TLD	E1		32A		
06817		XA324	64						168	9			DAACDO	08	DA06CD	01	1	TLD	E2		30A		
06818		XA337	01		XA334	43			168	9			DAACE0	01	DAACE0	00	1	TQ2	A2		02B	AC 13-18 TO DB 13	
06819		XA334	43		XA334	50			168	9			DAACE0	02	DA17CD	01	2	TLD	D3		23B		
06820		XA334	50		XA334	49			168	9			DAACE0	03	DA18CD	01	1	TLD	D2		23A		
06821		XA334	49		XA334	53			168	9			DAACE0	04	DA16CD	01	2	TLD	D4		26B		
06822		XA334	53		XA334	64			168	9			DAACE0	05	DA13CD	01	1	TLD	E3		28B		
									****	SIGNAL			DAACE0		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
06823		XA334	64		XA334	68			16B	9			DAACEO	06	DA14CD	01	1	TLD	E2		30A		
06824		XA334	68						16B	9'			DAACEO	07	DA15CD	01	2	TLD	E1		32A		
06825		XA337	22		XA334	19			16B	9			DAACFO	01	DAACFO	00	1	TQ2	B1		12A	AC 19-25 TO DB 19	
06826		XA334	19		XA334	23			16B	9			DAACFO	02	DA25CD	01	2	TLD	B3		09B		
06827		XA334	23		XA334	29			16B	9			DAACFO	03	DA24CD	01	1	TLD	B4		11B		
06828		XA334	29		XA334	36			16B	9			DAACFO	04	DA21CD	01	1	TLD	C3		14B		
06829		XA334	36		XA334	37			16B	9			DAACFO	05	DA22CD	01	1	TLD	C2		17A		
06830		XA334	37		XA334	42			16B	9			DAACFO	06	DA20CD	01	2	TLD	C4		18B		
06831		XA334	42		XA334	54			16B	9			DAACFO	07	DA23CD	01	1	TLD	C1		20A		
06832		XA334	54						16B	9			DAACFO	08	DA19CD	01	2	TLD	D1		25A		
06833		XA337	14		XA334	24			16B	9			DAACGO	01	DAACGO	00	1	TQ2	B2		09A	AC 26-31 TO DB 26	
06834		XA334	24		XA334	20			16B	9			DAACGO	02	DA27CD	01	2	TLD	B1		13A		
06835		XA334	20		XA334	10			16B	9			DAACGO	03	DA26CD	01	1	TLD	B2		11A		
06836		XA334	10		XA334	13			16B	9			DAACGO	04	DA31CD	01	1	TLD	A1		07A		
06837		XA334	13		XA334	04			16B	9			DAACGO	05	DA28CD	01	2	TLD	A4		06B		
06838		XA334	04		XA334	07			16B	9			DAACGO	06	DA30CD	01	1	TLD	A2		04A		
06839		XA334	07						16B	9			DAACGO	07	DA29CD	01	2	TLD	A3		03A		
06840		XA337	23		XA337	17			16B	9			DAADCA	01	DAADGO	01	1	TQ2	B4		11B		
06841		XA337	17		XA337	11			16B	9			DAADCA	02	DAADFO	01	1	TQ2	B3		08B		
06842		XA337	11		XA337	07			16B	9			DAADCA	03	DAADEO	01	1	TQ2	A4		05B		
06843		XA337	07		XA231	73			16B	9			DAADCA	04	DAADDO	01	2	TQ2	A3		03A		
06844		XA231	73		XA226	13			16B	9			DAADCA	05	DAADCA	00	1	TQ3	F1		36B	AD TO DB CONTROL	
06845		XA226	13						16B	9			DAADCA	06	DAADCO	01	2	TQ2	A4		06B		
06846		XA323	79		XA323	78			16B	9			DAADCO	01	DA03DD	01	1	TLD	F1		39B		
06847		XA323	78		XA323	73			16B	9			DAADCO	02	DA00DD	01	2	TLD	F4		38A		
06848		XA323	73		XA323	65			16B	9			DAADCO	03	DA02DD	01	1	TLD	F2		36B		
06849		XA323	65		XA323	59			16B	9			DAADCO	04	DA01DD	01	1	TLD	F3		34B		
06850		XA323	59		XA323	53			16B	9			DAADCO	05	DA04DD	01	1	TLD	E4		31B		
06851		XA323	53		XA226	15			16B	9			DAADCO	06	DA05DD	01	1	TLD	E3		28B		
06852		XA226	15						16B	9			DAADCO	07	DAADCO	00	1	TQ2	A4		07B	AD 00-05 TO DB 00	
06853		XA337	09		XA333	79			16B	9			DAADDO	01	DAADDO	00	1	TQ2	A3		04B	AD 06-12 TO DB 06	
06854		XA333	79		XA333	78			16B	9			DAADDO	02	DA11DD	01	1	TLD	F1		39B		
06855		XA333	78		XA333	73			16B	9			DAADDO	03	DA08DD	01	2	TLD	F4		38A		
06856		XA333	73		XA333	65			16B	9			DAADDO	04	DA10DD	01	1	TLD	F2		36B		
06857		XA333	65		XA333	61			16B	9			DAADDO	05	DA09DD	01	1	TLD	F3		34B		
06858		XA333	61		XA323	64			16B	9			DAADDO	06	DA12DD	01	2	TLD	E4		32B		
06859		XA323	64		XA323	68			16B	9			DAADDO	07	DA06DD	01	1	TLD	E2		30A		
06860		XA323	68						16B	9			DAADDO	08	DA07DD	01	2	TLD	E1		32A		
06861		XA337	15		XA333	43			16B	9			DAADEO	01	DAADEO	00	1	TQ2	A4		07B	AD 13-18 TO DB 13	
06862		XA333	43		XA333	50			16B	9			DAADEO	02	DA17DD	01	2	TLD	D3		23B		
06863		XA333	50		XA333	49			16B	9			DAADEO	03	DA18DD	01	1	TLD	D2		23A		
06864		XA333	49		XA333	53			16B	9			DAADEO	04	DA16DD	01	2	TLD	D4		26B		
06865		XA333	53		XA333	64			16B	9			DAADEO	05	DA13DD	01	1	TLD	E3		28B		
06866		XA333	64		XA333	68			16B	9			DAADEO	06	DA14DD	01	1	TLD	E2		30A		
									****		SIGNAL	DAADEO		IS ON THE		NEXT PAGE	****						



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	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	DENT											
06867		XA333	68							16B	9		DAADEO	07	DA150D	01	2	TLD	E1		32A		
06868		XA337	21		XA333	19				16B	9		DAADFO	01	DAADFO	00	1	TQ2	B3		10B	AD 19-25 TO DB 19	
06869		XA333	19		XA333	23				16B	9		DAADFO	02	DA250D	01	2	TLD	B3		09B		
06870		XA333	23		XA333	29				16B	9		DAADFO	03	DA240D	01	1	TLD	B4		11B		
06871		XA333	29		XA333	36				16B	9		DAADFO	04	DA210D	01	1	TLD	C3		14B		
06872		XA333	36		XA333	37				16B	9		DAADFO	05	DA220D	01	1	TLD	C2		17A		
06873		XA333	37		XA333	42				16B	9		DAADFO	06	DA200D	01	2	TLD	C4		18B		
06874		XA333	42		XA333	54				16B	9		DAADFO	07	DA230D	01	1	TLD	C1		20A		
06875		XA333	54							16B	9		DAADFO	08	DA190D	01	2	TLD	D1		25A		
06876		XA337	27		XA333	24				16B	9		DAADGO	01	DAADGO	00	1	TQ2	B4		13B	AD 26-31 TO DB 26	
06877		XA333	24		XA333	20				16B	9		DAADGO	02	DA270D	01	2	TLD	B1		13A		
06878		XA333	20		XA333	10				16B	9		DAADGO	03	DA260D	01	1	TLD	B2		11A		
06879		XA333	10		XA333	13				16B	9		DAADGO	04	DA310D	01	1	TLD	A1		07A		
06880		XA333	13		XA333	04				16B	9		DAADGO	05	DA280D	01	2	TLD	A4		06B		
06881		XA333	04		XA333	07				16B	9		DAADGO	06	DA300D	01	1	TLD	A2		04A		
06882		XA333	07							16B	9		DAADGO	07	DA290D	01	2	TLD	A3		03A		
06883		XA231	74		XA226	77				16B	9		DAAGAA	01	DAAGAA	00	1	TT3	F2		35B	AG TO DB CONTROL	
06884		XA226	77		XA226	70				16B	9		DAAGAA	02	DAAGGO	01	2	TQ2	F1		38B		
06885		XA226	70		XA226	56				16B	9		DAAGAA	03	DAAGFO	01	1	TQ2	E1		33A		
06886		XA226	56		XA226	42				16B	9		DAAGAA	04	DAAGEO	01	1	TQ2	D1		26A		
06887		XA226	42		XA226	26				16B	9		DAAGAA	05	DAAGCO	01	1	TQ2	C1		20A		
06888		XA226	26							16B	9		DAAGAA	06	DAAGCO	01	1	TQ2	B1		14A		
06889		XA322	79		XA322	78				16B	9		DAAGCO	01	DA03GD	01	1	TLD	F1		39B		
06890		XA322	78		XA322	73				16B	9		DAAGCO	02	DA00GD	01	2	TLD	F4		38A		
06891		XA322	73		XA322	65				16B	9		DAAGCO	03	DA02GD	01	1	TLD	F2		36B		
06892		XA322	65		XA322	59				16B	9		DAAGCO	04	DA01GD	01	1	TLD	F3		34B		
06893		XA322	59		XA322	55				16B	9		DAAGCO	05	DA04GD	01	1	TLD	E4		31B		
06894		XA322	55		XA226	22				16B	9		DAAGCO	06	DA05GD	01	2	TLD	E3		29B		
06895		XA226	22							16B	9		DAAGCO	07	DAAGCO	00	1	TQ2	B1		12A	AG 00-05 TO DB 00	
06896		XA332	75		XA332	78				16B	9		DAAGDO	01	DA11GD	01	1	TLD	F1		39B		
06897		XA332	78		XA332	73				16B	9		DAAGDO	02	DA08GD	01	2	TLD	F4		38A		
06898		XA332	73		XA332	65				16B	9		DAAGDO	03	DA10GD	01	1	TLD	F2		36B		
06899		XA332	65		XA332	61				16B	9		DAAGDO	04	DA09GD	01	1	TLD	F3		34B		
06900		XA332	61		XA322	64				16B	9		DAAGDO	05	DA12GD	01	2	TLD	E4		32B		
06901		XA322	64		XA322	68				16B	9		DAAGDO	06	DA06GD	01	1	TLD	E2		30A		
06902		XA322	68		XA226	38				16B	9		DAAGDO	07	DA07GD	01	2	TLD	E1		32A		
06903		XA226	38							16B	9		DAAGDO	08	DAAGDO	00	1	TQ2	C1		18A	AG 06-12 TO DB 06	
06904		XA332	68		XA332	64				16B	9		DAAGEO	01	DA15GD	01	2	TLD	E1		32A		
06905		XA332	64		XA332	53				16B	9		DAAGEO	02	DA14GD	01	1	TLD	E2		30A		
06906		XA332	53		XA332	49				16B	9		DAAGEO	03	DA13GD	01	1	TLD	E3		28B		
06907		XA332	49		XA332	50				16B	9		DAAGEO	04	DA16GD	01	2	TLD	D4		26B		
06908		XA332	50		XA332	43				16B	9		DAAGEO	05	DA18GD	01	1	TLD	D2		23A		
06909		XA332	43		XA226	52				16B	9		DAAGEO	06	DA17GD	01	2	TLD	D3		23B		
06910		XA226	52							16B	9		DAAGEO	07	DAAGEO	00	1	TQ2	D1		24A	AG 13-18 TO DB 13	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL 19	IDENT												WIRE
06911		XA332	54		XA332	42				168	9			DAAGFO	01	DA19GD	01	2	TLD	D1		25A		
06912		XA332	42		XA332	37				168	9			DAAGFO	02	DA23GD	01	1	TLD	C1		20A		
06913		XA332	37		XA332	36				168	9			DAAGFO	03	DA20GD	01	2	TLD	C4		18B		
06914		XA332	36		XA332	29				168	9			DAAGFO	04	DA22GD	01	1	TLD	C2		17A		
06915		XA332	29		XA332	23				168	9			DAAGFO	05	DA21GD	01	1	TLD	C3		14B		
06916		XA332	23		XA332	19				168	9			DAAGFO	06	DA24GD	01	1	TLD	B4		11B		
06917		XA332	19		XA226	66				168	9			DAAGFO	07	DA25GD	01	2	TLD	B3		09B		
06918		XA226	66							168	9			DAAGFO	08	DAAGFO	00	1	TQ2	E1		31A	AG 19-25 TO DB 19	
06919		XA332	24		XA332	20				168	9			DAAGGO	01	DA27GD	01	2	TLD	B1		13A		
06920		XA332	20		XA332	10				168	9			DAAGGO	02	DA26GD	01	1	TLD	B2		11A		
06921		XA332	10		XA332	13				168	9			DAAGGO	03	DA31GD	01	1	TLD	A1		07A		
06922		XA332	13		XA332	04				168	9			DAAGGO	04	DA28GD	01	2	TLD	A4		06B		
06923		XA332	04		XA332	07				168	9			DAAGGO	05	DA30GD	01	1	TLD	A2		04A		
06924		XA332	07		XA226	75				168	9			DAAGGO	06	DA29GD	01	2	TLD	A3		03A		
06925		XA226	75							168	9			DAAGGO	07	DAAGGO	00	1	TQ2	F1		37B	AG 26-31 TO DB 26	
06926		XA226	79		XA227	76				168	9			DAAGQA	01	DAAGGO	01	1	TQ2	F1		39B		
06927		XA227	76		XA226	73				168	9			DAAGQA	02	DAAGQA	00	1	TQ4	F1		37A	AG + AQ TO DB CON	
06928		XA226	73		XA226	68				168	9			DAAGQA	03	DAAGGO	01	1	TQ2	F2		36B		
06929		XA226	68		XA226	62				168	9			DAAGQA	04	DAAGFO	01	2	TQ2	E1		32A		
06930		XA226	62		XA226	54				168	9			DAAGQA	05	DAAGFO	01	2	TQ2	E2		29A		
06931		XA226	54		XA226	48				168	9			DAAGQA	06	DAAGFO	01	2	TQ2	D1		25A		
06932		XA226	48		XA226	40				168	9			DAAGQA	07	DAAGFO	01	2	TQ2	D2		22A		
06933		XA226	40		XA226	34				168	9			DAAGQA	08	DAAGFO	01	2	TQ2	C1		19A		
06934		XA226	34		XA226	24				168	9			DAAGQA	09	DAAGFO	01	2	TQ2	C2		16A		
06935		XA226	24		XA226	18				168	9			DAAGQA	10	DAAGFO	01	2	TQ2	B1		13A		
06936		XA226	18							168	9			DAAGQA	11	DAAGFO	01	2	TQ2	B2		10A		
06937		XA231	80		XA226	71				168	9			DAAGQA	01	DAAGFO	00	1	TT3	F3		39A	AQ TO DB CONTROL	
06938		XA226	71		XA226	64				168	9			DAAGQA	02	DAAGFO	01	2	TQ2	F2		36A		
06939		XA226	64		XA226	50				168	9			DAAGQA	03	DAAGFO	01	1	TQ2	E2		30A		
06940		XA226	50		XA226	36				168	9			DAAGQA	04	DAAGFO	01	1	TQ2	D2		23A		
06941		XA226	36		XA226	20				168	9			DAAGQA	05	DAAGFO	01	1	TQ2	C2		17A		
06942		XA226	20							168	9			DAAGQA	06	DAAGFO	01	1	TQ2	B2		11A		
06943		XA321	75		XA321	78				168	9			DAAGQA	01	DAAGFO	01	1	TLD	F1		39B		
06944		XA321	78		XA321	73				168	9			DAAGQA	02	DAAGFO	01	2	TLD	F4		38A		
06945		XA321	73		XA321	65				168	9			DAAGQA	03	DAAGFO	01	1	TLD	F2		36B		
06946		XA321	65		XA321	59				168	9			DAAGQA	04	DAAGFO	01	1	TLD	F3		34B		
06947		XA321	59		XA321	53				168	9			DAAGQA	05	DAAGFO	01	1	TLD	E4		31B		
06948		XA321	53		XA226	14				168	9			DAAGQA	06	DAAGFO	01	1	TLD	E3		28B		
06949		XA226	14							168	9			DAAGQA	07	DAAGFO	00	1	TQ2	B2		09A	AQ 00-05 TO DB 00	
06950		XA331	79		XA331	78				168	9			DAAGQA	01	DAAGFO	01	1	TLD	F1		39B		
06951		XA331	78		XA331	73				168	9			DAAGQA	02	DAAGFO	01	2	TLD	F4		38A		
06952		XA331	73		XA331	65				168	9			DAAGQA	03	DAAGFO	01	1	TLD	F2		36B		
06953		XA331	65		XA331	61				168	9			DAAGQA	04	DAAGFO	01	1	TLD	F3		34B		
										****		SIGNAL	DAAGQA		S ON THE							****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
06954		XA331	61		XA321	64				16B	9		DAAQDO	05	DA12QD	01	2	TLD	E4		32B		
06955		XA321	64		XA321	68				16B	9		DAAQDO	06	DA06QD	01	1	TLD	E2		30A		
06956		XA321	68		XA226	30				16B	9		DAAQDO	07	DA07QD	01	2	TLD	E1		32A		
06957		XA226	30							16B	9		DAAQDO	08	DAAQDO	00	1	TQ2	C2		15A	AQ 06-12 TO DB 06	
06958		XA331	68		XA331	64				16B	9		DAAQEO	01	DA15QD	01	2	TLD	E1		32A		
06959		XA331	64		XA331	53				16B	9		DAAQEO	02	DA14QD	01	1	TLD	E2		30A		
06960		XA331	53		XA331	49				16B	9		DAAQEO	03	DA13QD	01	1	TLD	E3		28B		
06961		XA331	49		XA331	50				16B	9		DAAQEO	04	DA16QD	01	2	TLD	D4		26B		
06962		XA331	50		XA331	43				16B	9		DAAQEO	05	DA18QD	01	1	TLD	D2		23A		
06963		XA331	43		XA226	46				16B	9		DAAQEO	06	DA17QD	01	2	TLD	D3		23B		
06964		XA226	46							16B	9		DAAQEO	07	DAAQEO	00	1	TQ2	D2		21A	AQ 13-18 TO DB 13	
06965		XA331	54		XA331	42				16B	9		DAAQFO	01	DA19QD	01	2	TLD	D1		25A		
06966		XA331	42		XA331	37				16B	9		DAAQFO	02	DA23QD	01	1	TLD	C1		20A		
06967		XA331	37		XA331	36				16B	9		DAAQFO	03	DA20QD	01	2	TLD	C4		18B		
06968		XA331	36		XA331	29				16B	9		DAAQFO	04	DA22QD	01	1	TLD	C2		17A		
06969		XA331	29		XA331	23				16B	9		DAAQFO	05	DA21QD	01	1	TLD	C3		14B		
06970		XA331	23		XA331	19				16B	9		DAAQFO	06	DA24QD	01	1	TLD	B4		11B		
06971		XA331	19		XA226	60				16B	9		DAAQFO	07	DA25QD	01	2	TLD	B3		09B		
06972		XA226	60							16B	9		DAAQFO	08	DAAQFO	00	1	TQ2	E2		28A	AQ 19-25 TO DB 19	
06973		XA331	24		XA331	20				16B	9		DAAQGO	01	DA27QD	01	2	TLD	B1		13A		
06974		XA331	20		XA331	10				16B	9		DAAQGO	02	DA26QD	01	1	TLD	B2		11A		
06975		XA331	10		XA331	13				16B	9		DAAQGO	03	DA31QD	01	1	TLD	A1		07A		
06976		XA331	13		XA331	04				16B	9		DAAQGO	04	DA28QD	01	2	TLD	A4		06B		
06977		XA331	04		XA331	07				16B	9		DAAQGO	05	DA30QD	01	1	TLD	A2		04A		
06978		XA331	07		XA226	72				16B	9		DAAQGO	06	DA29QD	01	2	TLD	A3		03A		
06979		XA226	72							16B	9		DAAQGO	07	DAAQGO	00	1	TQ2	F2		34A	AQ 26-31 TO DB 26	
06980		XA226	69		XA226	65				16B	9		DAATCA	01	DAATCA	00	1	TQ4	F2		35A	AT TO DB CONTROL	
06981		XA226	65		XA226	53				16B	9		DAATCA	02	DAATGO	01	1	TQ2	F3		34B		
06982		XA226	53		XA226	41				16B	9		DAATCA	03	DAATFO	01	1	TQ2	E3		28B		
06983		XA226	41		XA226	29				16B	9		DAATCA	04	DAATEO	01	1	TQ2	D3		22B		
06984		XA226	29		XA226	19				16B	9		DAATCA	05	DAATDO	01	1	TQ2	C3		14B		
06985		XA226	19							16B	9		DAATCA	06	DAATCO	01	2	TQ2	B3		09B		
06986		XA320	79		XA320	78				16B	9		DAATCO	01	DA03TD	01	1	TLD	F1		39B		
06987		XA320	78		XA320	73				16B	9		DAATCO	02	DA00TD	01	2	TLD	F4		38A		
06988		XA320	73		XA320	65				16B	9		DAATCO	03	DA02TD	01	1	TLD	F2		36B		
06989		XA320	65		XA320	59				16B	9		DAATCO	04	DA01TD	01	1	TLD	F3		34B		
06990		XA320	59		XA320	53				16B	9		DAATCO	05	DA04TD	01	1	TLD	E4		31B		
06991		XA320	53		XA226	21				16B	9		DAATCO	06	DA05TD	01	1	TLD	E3		28B		
06992		XA226	21							16B	9		DAATCO	07	DAATCO	00	1	TQ2	B3		10B	AT 00-05 TO DB 00	
06993		XA330	79		XA330	78				16B	9		DAATDO	01	DA11TD	01	1	TLD	F1		39B		
06994		XA330	78		XA330	73				16B	9		DAATDO	02	DA08TD	01	2	TLD	F4		38A		
06995		XA330	73		XA330	65				16B	9		DAATDO	03	DA10TD	01	1	TLD	F2		36B		
06996		XA330	65		XA330	61				16B	9		DAATDO	04	DA09TD	01	1	TLD	F3		34B		
06997		XA330	61		XA320	64				16B	9		DAATDO	05	DA12TD	01	2	TLD	E4		32B		
										****		SIGNAL	DAATDO		IS ON THE						****		

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	PREFIX	CONNECTOR	PIK	WIRE	PREFIX	CONNECTOR	PIK	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
06998		XA320	64		XA320	68			168	9			DAATDO	06	DA06TD	01	1	TLD	E2		30A		
06999		XA320	68		XA226	33			168	9			DAATDO	07	DA07TD	01	2	TLD	E1		32A		
07000		XA226	33						168	9			DAATDO	08	DAATDO	00	1	TQ2	C3		16B	AT 06-12 TO DB 06	
07001		XA330	68		XA330	64			168	9			DAATEO	01	DA15TD	01	2	TLD	E1		32A		
07002		XA330	64		XA330	53			168	9			DAATEO	02	DA14TD	01	1	TLD	E2		30A		
07003		XA330	53		XA330	49			168	9			DAATEO	03	DA13TD	01	1	TLD	E3		28B		
07004		XA330	49		XA330	50			168	9			DAATEO	04	DA16TD	01	2	TLD	D4		26B		
07005		XA330	50		XA330	43			168	9			DAATEO	05	DA18TD	01	1	TLD	D2		23A		
07006		XA330	43		XA226	45			168	9			DAATEO	06	DA17TD	01	2	TLD	D3		23B		
07007		XA226	45						168	9			DAATEO	07	DAATEO	00	1	TQ2	D3		24B	AT 13-18 TO DB 13	
07008		XA330	54		XA330	42			168	9			DAATFO	01	DA19TD	01	2	TLD	D1		25A		
07009		XA330	42		XA330	37			168	9			DAATFO	02	DA23TD	01	1	TLD	C1		20A		
07010		XA330	37		XA330	36			168	9			DAATFO	03	DA20TD	01	2	TLD	C4		18B		
07011		XA330	36		XA330	29			168	9			DAATFO	04	DA22TD	01	1	TLD	C2		17A		
07012		XA330	29		XA330	23			168	9			DAATFO	05	DA21TD	01	1	TLD	C3		14B		
07013		XA330	23		XA330	19			168	9			DAATFO	06	DA24TD	01	1	TLD	B4		11B		
07014		XA330	19		XA226	57			168	9			DAATFO	07	DA25TD	01	2	TLD	B3		09B		
07015		XA226	57						168	9			DAATFO	08	DAATFO	00	1	TQ2	E3		30B	AT 19-25 TO DB 19	
07016		XA330	24		XA330	20			168	9			DAATGO	01	DA27TD	01	2	TLD	B1		13A		
07017		XA330	20		XA330	10			168	9			DAATGO	02	DA26TD	01	1	TLD	B2		11A		
07018		XA330	10		XA330	13			168	9			DAATGO	03	DA31TD	01	1	TLD	A1		07A		
07019		XA330	13		XA330	04			168	9			DAATGO	04	DA28TD	01	2	TLD	A4		06B		
07020		XA330	04		XA330	07			168	9			DAATGO	05	DA30TD	01	1	TLD	A2		04A		
07021		XA330	07		XA226	69			168	9			DAATGO	06	DA29TD	01	2	TLD	A3		03A		
07022		XA226	69						168	9			DAATGO	07	DAATGO	00	1	TQ2	F3		35A	AT 26-31 TO DB 26	
07023		XA226	76		XA226	61			168	9			DAAYCA	01	DAAYGO	01	1	TQ2	F4		37A		
07024		XA226	61		XA228	63			168	9			DAAYCA	02	DAAYFO	01	2	TQ2	E4		32B		
07025		XA228	63		XA226	47			168	9			DAAYCA	03	DAAYCA	00	1	TQ2	E4		33B	AY TO DB CONTROL	
07026		XA226	47		XA226	35			168	9			DAAYCA	04	DAAYEO	01	1	TQ2	D4		25B		
07027		XA226	35		XA226	25			168	9			DAAYCA	05	DAAYDO	01	1	TQ2	C4		17B		
07028		XA226	25						168	9			DAAYCA	06	DAAYCO	01	2	TQ2	B4		12B		
07029		XA319	79		XA319	78			168	9			DAAYCO	01	DA03YD	01	1	TLD	F1		39B		
07030		XA319	78		XA319	73			168	9			DAAYCO	02	DA00YD	01	2	TLD	F4		38A		
07031		XA319	73		XA319	65			168	9			DAAYCO	03	DA02YD	01	1	TLD	F2		36B		
07032		XA319	65		XA319	59			168	9			DAAYCO	04	DA01YD	01	1	TLD	F3		34B		
07033		XA319	59		XA319	53			168	9			DAAYCO	05	DA04YD	01	1	TLD	E4		31B		
07034		XA319	53		XA226	27			168	9			DAAYCO	06	DA05YD	01	1	TLD	E3		28B		
07035		XA226	27						168	9			DAAYCO	07	DAAYCO	00	1	TQ2	B4		13B	AY 00-05 TO DB 00	
07036		XA329	79		XA329	78			168	9			DAAYDO	01	DA11YD	01	1	TLD	F1		39B		
07037		XA329	78		XA329	73			168	9			DAAYDO	02	DA08YD	01	2	TLD	F4		38A		
07038		XA329	73		XA329	65			168	9			DAAYDO	03	DA10YD	01	1	TLD	F2		36B		
07039		XA329	65		XA329	61			168	9			DAAYDO	04	DA09YD	01	1	TLD	F3		34B		
07040		XA329	61		XA319	64			168	9			DAAYDO	05	DA12YD	01	2	TLD	E4		32B		
07041		XA319	64		XA319	68			168	9			DAAYDO	06	DA06YD	01	1	TLD	E2		30A		
									****		SIGNAL		DAAYDO		S CN THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											AN.
07042		XA319	68			XA226	39		16B	9		DAAYDO	07	DA07YD	01	2	TLD	E1	32A			
07043		XA226	39						16B	9		DAAYDO	08	DAAYDO	00	1	TQ2	C4	19B	AY 06-12 TO DB 06		
07044		XA329	68			XA329	64		16B	9		DAAYEO	01	DA15YD	01	2	TLD	E1	32A			
07045		XA329	64			XA329	53		16B	9		DAAYEO	02	DA14YD	01	1	TLD	E2	30A			
07046		XA329	53			XA329	49		16B	9		DAAYEO	03	DA13YD	01	1	TLD	E3	28B			
07047		XA329	49			XA329	50		16B	9		DAAYEO	04	DA16YD	01	2	TLD	D4	28B			
07048		XA329	50			XA329	43		16B	9		DAAYEO	05	DA18YD	01	1	TLD	D2	23A			
07049		XA329	43			XA226	51		16B	9		DAAYEO	06	DA17YD	01	2	TLD	D3	23B			
07050		XA226	51						16B	9		DAAYEO	07	DAAYEO	00	1	TQ2	D4	27B	AY 13-18 TO DB 13		
07051		XA329	54			XA329	42		16B	9		DAAYFO	01	DA19YD	01	2	TLD	D1	25A			
07052		XA329	42			XA329	37		16B	9		DAAYFO	02	DA23YD	01	1	TLD	C1	20A			
07053		XA329	37			XA329	36		16B	9		DAAYFO	03	DA20YD	01	2	TLD	C4	18B			
07054		XA329	36			XA329	29		16B	9		DAAYFO	04	DA22YD	01	1	TLD	C2	17A			
07055		XA329	29			XA329	23		16B	9		DAAYFO	05	DA21YD	01	1	TLD	C3	14B			
07056		XA329	23			XA329	19		16B	9		DAAYFO	06	DA24YD	01	1	TLD	B4	11B			
07057		XA329	19			XA226	63		16B	9		DAAYFO	07	DA25YD	01	2	TLD	B3	09B			
07058		XA226	63						16B	9		DAAYFO	08	DAAYFO	00	1	TQ2	E4	33B	AY 19-25 TO DB 19		
07059		XA329	24			XA329	20		16B	9		DAAYGO	01	DA27YD	01	2	TLD	B1	13A			
07060		XA329	20			XA329	10		16B	9		DAAYGO	02	DA26YD	01	1	TLD	B2	11A			
07061		XA329	10			XA329	13		16B	9		DAAYGO	03	DA31YD	01	1	TLD	A1	07A			
07062		XA329	13			XA329	04		16B	9		DAAYGO	04	DA28YD	01	2	TLD	A4	06B			
07063		XA329	04			XA329	07		16B	9		DAAYGO	05	DA30YD	01	1	TLD	A2	04A			
07064		XA329	07			XA226	80		16B	9		DAAYGO	06	DA29YD	01	2	TLD	A3	03A			
07065		XA226	80						16B	9		DAAYGO	07	DAAYGO	00	1	TQ2	F4	39A	AY 26-31 TO DB 26		
07066		XA324	80								J	DA00CD	01	DA00CD	00	1	TLD	F4	39A	DB00DB BUSS		
07067		XA323	80								J	DA00DD	01	DA00DD	00	1	TLD	F4	39A	DB00DB BUSS		
07068		XA322	80								J	DA00GD	01	DA00GD	00	1	TLD	F4	39A	DB00DB BUSS		
07069		XA321	80								J	DA00QD	01	DA00QD	00	1	TLD	F4	39A	DB00DB BUSS		
07070		XA320	80								J	DA00TD	01	DA00TD	00	1	TLD	F4	39A	DB00DB BUSS		
07071		XA319	80								J	DA00YD	01	DA00YD	00	1	TLD	F4	39A	DB00DB BUSS		
07072		XA324	65								J	DA01CD	01	DA01CD	00	1	TLD	F3	35A	DB01DB BUSS		
07073		XA323	69								J	DA01DD	01	DA01DD	00	1	TLD	F3	35A	DB01DB BUSS		
07074		XA322	65								J	DA01GD	01	DA01GD	00	1	TLD	F3	35A	DB01DB BUSS		
07075		XA321	69								J	DA01QD	01	DA01QD	00	1	TLD	F3	35A	DB01DB BUSS		
07076		XA320	65								J	DA01TD	01	DA01TD	00	1	TLD	F3	35A	DB01DB BUSS		
												****	SIGNAL	DA01YD	IS ON THE NEXT PAGE				****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI-GROUP	CODE	COLOR	IDENT												
07077		XA319	65									J	DA01YD	01	DA01YD	00	1	TLD	F3		35A	DB01DB BUSS		
07078		XA324	72									J	DA02CD	01	DA02CD	00	1	TLD	F2		34A	DB02DB BUSS		
07079		XA323	72									J	DA02DD	01	DA02DD	00	1	TLD	F2		34A	DB02DB BUSS		
07080		XA322	72									J	DA02GD	01	DA02GD	00	1	TLD	F2		34A	DB02DB BUSS		
07081		XA321	72									J	DA02QD	01	DA02QD	00	1	TLD	F2		34A	DB02DB BUSS		
07082		XA320	72									J	DA02TD	01	DA02TD	00	1	TLD	F2		34A	DB02DB BUSS		
07083		XA315	72									J	DA02YD	01	DA02YD	00	1	TLD	F2		34A	DB02DB BUSS		
07084		XA324	75									J	DA03CD	01	DA03CD	00	1	TLD	F1		37B	DB03DB BUSS		
07085		XA323	75									J	DA03DD	01	DA03DD	00	1	TLD	F1		37B	DB03DB BUSS		
07086		XA322	75									J	DA03GD	01	DA03GD	00	1	TLD	F1		37B	DB03DB BUSS		
07087		XA321	75									J	DA03QD	01	DA03QD	00	1	TLD	F1		37B	DB03DB BUSS		
07088		XA320	75									J	DA03TD	01	DA03TD	00	1	TLD	F1		37B	DB03DB BUSS		
07089		XA319	75									J	DA03YD	01	DA03YD	00	1	TLD	F1		37B	DB03DB BUSS		
07090		XA324	63									J	DA04CD	01	DA04CD	00	1	TLD	E4		33B	DB04DB BUSS		
07091		XA323	63									J	DA04DD	01	DA04DD	00	1	TLD	E4		33B	DB04DB BUSS		
07092		XA322	63									J	DA04GD	01	DA04GD	00	1	TLD	E4		33B	DB04DB BUSS		
07093		XA321	63									J	DA04QD	01	DA04QD	00	1	TLD	E4		33B	DB04DB BUSS		
07094		XA320	63									J	DA04TD	01	DA04TD	00	1	TLD	E4		33B	DB04DB BUSS		
07095		XA319	63									J	DA04YD	01	DA04YD	00	1	TLD	E4		33B	DB04DB BUSS		
07096		XA324	57									J	DA05CD	01	DA05CD	00	1	TLD	E3		30B	DB05DB BUSS		
07097		XA323	57									J	DA05DD	01	DA05DD	00	1	TLD	E3		30B	DB05DB BUSS		
07098		XA322	57									J	DA05GD	01	DA05GD	00	1	TLD	E3		30B	DB05DB BUSS		
07099		XA321	57									J	DA05QD	01	DA05QD	00	1	TLD	E3		30B	DB05DB BUSS		
07100		XA320	57									J	DA05TD	01	DA05TD	00	1	TLD	E3		30B	DB05DB BUSS		
07101		XA319	57									J	DA05YD	01	DA05YD	00	1	TLD	E3		30B	DB05DB BUSS		
													****	SIGNAL	DA06CD							S ON THE NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI WIRE	CODE	COLOR	IDENT										
07102		XA324	60									J	DA06CD	01	DA06CD	00	1	TLD	E2	28A	DB06DB BUSS	
07103		XA323	60									J	DA06DD	01	DA06DD	00	1	TLD	E2	28A	DB06DB BUSS	
07104		XA322	60									J	DA06GD	01	DA06GD	00	1	TLD	E2	28A	DB06DB BUSS	
07105		XA321	60									J	DA06QD	01	DA06QD	00	1	TLD	E2	28A	DB06DB BUSS	
07106		XA320	60									J	DA06TD	01	DA06TD	00	1	TLD	E2	28A	DB06DB BUSS	
07107		XA319	60									J	DA06YD	01	DA06YD	00	1	TLD	E2	28A	DB06DB BUSS	
07108		XA324	66									J	DA07CD	01	DA07CD	00	1	TLD	E1	31A	DB07DB BUSS	
07109		XA323	66									J	DA07DD	01	DA07DD	00	1	TLD	E1	31A	DB07DB BUSS	
07110		XA322	66									J	DA07GD	01	DA07GD	00	1	TLD	E1	31A	DB07DB BUSS	
07111		XA321	66									J	DA07QD	01	DA07QD	00	1	TLD	E1	31A	DB07DB BUSS	
07112		XA320	66									J	DA07TD	01	DA07TD	00	1	TLD	E1	31A	DB07DB BUSS	
07113		XA319	66									J	DA07YD	01	DA07YD	00	1	TLD	E1	31A	DB07DB BUSS	
07114		XA334	80									J	DA08CD	01	DA08CD	00	1	TLD	F4	39A	DB08DB BUSS	
07115		XA333	80									J	DA08DD	01	DA08DD	00	1	TLD	F4	39A	DB08DB BUSS	
07116		XA332	80									J	DA08GD	01	DA08GD	00	1	TLD	F4	39A	DB08DB BUSS	
07117		XA331	80									J	DA08QD	01	DA08QD	00	1	TLD	F4	39A	DB08DB BUSS	
07118		XA330	80									J	DA08TD	01	DA08TD	00	1	TLD	F4	39A	DB08DB BUSS	
07119		XA329	80									J	DA08YD	01	DA08YD	00	1	TLD	F4	39A	DB08DB BUSS	
07120		XA334	69									J	DA09CD	01	DA09CD	00	1	TLD	F3	35A	DB09DB BUSS	
07121		XA333	69									J	DA09DD	01	DA09DD	00	1	TLD	F3	35A	DB09DB BUSS	
07122		XA332	69									J	DA09GD	01	DA09GD	00	1	TLD	F3	35A	DB09DB BUSS	
07123		XA331	69									J	DA09QD	01	DA09QD	00	1	TLD	F3	35A	DB09DB BUSS	
07124		XA330	69									J	DA09TD	01	DA09TD	00	1	TLD	F3	35A	DB09DB BUSS	
07125		XA329	69									J	DA09YD	01	DA09YD	00	1	TLD	F3	35A	DB09DB BUSS	
07126		XA334	72									J	DA10CD	01	DA10CD	00	1	TLD	F2	34A	DB10DB BUSS	

\*\*\*\* SIGNAL DA10DD IS ON THE NEXT PAGE \*\*\*\*

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	PREFIX	CONNECTOR	FIN	WIRE	PREFIX	CONNECTOR	FIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
07127		XA333	72										J	DA10DD	01	DA10DD	00	1	TLD	F2		34A	DB10DB BUSS	
07128		XA332	72										J	DA10GD	01	DA10GD	00	1	TLD	F2		34A	DB10DB BUSS	
07129		XA331	72										J	DA10QD	01	DA10QD	00	1	TLD	F2		34A	DB10DB BUSS	
07130		XA330	72										J	DA10TD	01	DA10TD	00	1	TLD	F2		34A	DB10DB BUSS	
07131		XA329	72										J	DA10YD	01	DA10YD	00	1	TLD	F2		34A	DB10DB BUSS	
07132		XA334	75										J	DA11CD	01	DA11CD	00	1	TLD	F1		37B	DB11DB BUSS	
07133		XA333	75										J	DA11DD	01	DA11DD	00	1	TLD	F1		37B	DB11DB BUSS	
07134		XA332	75										J	DA11GD	01	DA11GD	00	1	TLD	F1		37B	DB11DB BUSS	
07135		XA331	75										J	DA11QD	01	DA11QD	00	1	TLD	F1		37B	DB11DB BUSS	
07136		XA330	75										J	DA11TD	01	DA11TD	00	1	TLD	F1		37B	DB11DB BUSS	
07137		XA329	75										J	DA11YD	01	DA11YD	00	1	TLD	F1		37B	DB11DB BUSS	
07138		XA334	63										J	DA12CD	01	DA12CD	00	1	TLD	E4		33B	DB12DB BUSS	
07139		XA333	63										J	DA12DD	01	DA12DD	00	1	TLD	E4		33B	DB12DB BUSS	
07140		XA332	63										J	DA12GD	01	DA12GD	00	1	TLD	E4		33B	DB12DB BUSS	
07141		XA331	63										J	DA12QD	01	DA12QD	00	1	TLD	E4		33B	DB12DB BUSS	
07142		XA330	63										J	DA12TD	01	DA12TD	00	1	TLD	E4		33B	DB12DB BUSS	
07143		XA329	63										J	DA12YD	01	DA12YD	00	1	TLD	E4		33B	DB12DB BUSS	
07144		XA334	57										J	DA13CD	01	DA13CD	00	1	TLD	E3		30B	DB13DB BUSS	
07145		XA333	57										J	DA13DD	01	DA13DD	00	1	TLD	E3		30B	DB13DB BUSS	
07146		XA332	57										J	DA13GD	01	DA13GD	00	1	TLD	E3		30B	DB13DB BUSS	
07147		XA331	57										J	DA13QD	01	DA13QD	00	1	TLD	E3		30B	DB13DB BUSS	
07148		XA330	57										J	DA13TD	01	DA13TD	00	1	TLD	E3		30B	DB13DB BUSS	
07149		XA329	57										J	DA13YD	01	DA13YD	00	1	TLD	E3		30B	DB13DB BUSS	
07150		XA334	60										J	DA14CD	01	DA14CD	00	1	TLD	E2		28A	DB14DB BUSS	
07151		XA333	60										J	DA14DD	01	DA14DD	00	1	TLD	E2		28A	DB14DB BUSS	
														****	SIGNAL	DA14GD			IS ON THE	NEXT PAGE	****			



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CUT OR CHIP TYPE	WAVE	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFLI	CONNECTOR	PIN	POS	PREFLI	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COLOR	IDENT											
07152		XA332	60										J	DA14GD	01	DA14GD	00	1	TLD	E2	28A	DB14DB BUSS	
07153		XA331	60										J	DA14QD	01	DA14QD	00	1	TLD	E2	28A	DB14DB BUSS	
07154		XA330	60										J	DA14TD	01	DA14TD	00	1	TLD	E2	28A	DB14DB BUSS	
07155		XA329	60										J	DA14YD	01	DA14YD	00	1	TLD	E2	28A	DB14DB BUSS	
07156		XA334	66										J	DA15CD	01	DA15CD	00	1	TLD	E1	31A	DB15DB BUSS	
07157		XA333	66										J	DA15DD	01	DA15DD	00	1	TLD	E1	31A	DB15DB BUSS	
07158		XA332	66										J	DA15GD	01	DA15GD	00	1	TLD	E1	31A	DB15DB BUSS	
07159		XA331	66										J	DA15QD	01	DA15QD	00	1	TLD	E1	31A	DB15DB BUSS	
07160		XA330	66										J	DA15TD	01	DA15TD	00	1	TLD	E1	31A	DB15DB BUSS	
07161		XA329	66										J	DA15YD	01	DA15YD	00	1	TLD	E1	31A	DB15DB BUSS	
07162		XA334	51										J	DA16CD	01	DA16CD	00	1	TLD	D4	27B	DB16DB BUSS	
07163		XA333	51										J	DA16DD	01	DA16DD	00	1	TLD	D4	27B	DB16DB BUSS	
07164		XA332	51										J	DA16GD	01	DA16GD	00	1	TLD	D4	27B	DB16DB BUSS	
07165		XA331	51										J	DA16QD	01	DA16QD	00	1	TLD	D4	27B	DB16DB BUSS	
07166		XA330	51										J	DA16TD	01	DA16TD	00	1	TLD	D4	27B	DB16DB BUSS	
07167		XA329	51										J	DA16YD	01	DA16YD	00	1	TLD	D4	27B	DB16DB BUSS	
07168		XA334	45										J	DA17CD	01	DA17CD	00	1	TLD	D3	24B	DB17DB BUSS	
07169		XA333	45										J	DA17DD	01	DA17DD	00	1	TLD	D3	24B	DB17DB BUSS	
07170		XA332	45										J	DA17GD	01	DA17GD	00	1	TLD	D3	24B	DB17DB BUSS	
07171		XA331	45										J	DA17QD	01	DA17QD	00	1	TLD	D3	24B	DB17DB BUSS	
07172		XA330	45										J	DA17TD	01	DA17TD	00	1	TLD	D3	24B	DB17DB BUSS	
07173		XA329	45										J	DA17YD	01	DA17YD	00	1	TLD	D3	24B	DB17DB BUSS	
07174		XA334	46										J	DA18CD	01	DA18CD	00	1	TLD	D2	21A	DB18DB BUSS	
07175		XA333	46										J	DA18DD	01	DA18DD	00	1	TLD	D2	21A	DB18DB BUSS	
07176		XA332	46										J	DA18GD	01	DA18GD	00	1	TLD	D2	21A	DB18DB BUSS	
														****	SIGNAL (DA18QD)							IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COL IN	IDENT											
07177		XA331	46									J	DA18QD	01	DA18QD	00	1	TLD	D2	21A	DB18DB BUSS		
07178		XA330	46									J	DA18TD	01	DA18TD	00	1	TLD	D2	21A	DB18DB BUSS		
07179		XA329	46									J	DA18YD	01	DA18YD	00	1	TLD	D2	21A	DB18DB BUSS		
07180		XA334	52									J	DA19CD	01	DA19CD	00	1	TLD	D1	24A	DB19DB BUSS		
07181		XA333	52									J	DA19DD	01	DA19DD	00	1	TLD	D1	24A	DB19DB BUSS		
07182		XA332	52									J	DA19GD	01	DA19GD	00	1	TLD	D1	24A	DB19DB BUSS		
07183		XA331	52									J	DA19QD	01	DA19QD	00	1	TLD	D1	24A	DB19DB BUSS		
07184		XA330	52									J	DA19TD	01	DA19TD	00	1	TLD	D1	24A	DB19DB BUSS		
07185		XA329	52									J	DA19YD	01	DA19YD	00	1	TLD	D1	24A	DB19DB BUSS		
07186		XA334	39									J	DA20CD	01	DA20CD	00	1	TLD	C4	19B	DB20DB BUSS		
07187		XA333	39									J	DA20DD	01	DA20DD	00	1	TLD	C4	19B	DB20DB BUSS		
07188		XA332	39									J	DA20GD	01	DA20GD	00	1	TLD	C4	19B	DB20DB BUSS		
07189		XA331	39									J	DA20QD	01	DA20QD	00	1	TLD	C4	19B	DB20DB BUSS		
07190		XA330	39									J	DA20TD	01	DA20TD	00	1	TLD	C4	19B	DB20DB BUSS		
07191		XA329	39									J	DA20YD	01	DA20YD	00	1	TLD	C4	19B	DB20DB BUSS		
07192		XA334	33									J	DA21CD	01	DA21CD	00	1	TLD	C3	16B	DB21DB BUSS		
07193		XA333	33									J	DA21DD	01	DA21DD	00	1	TLD	C3	16B	DB21DB BUSS		
07194		XA332	33									J	DA21GD	01	DA21GD	00	1	TLD	C3	16B	DB21DB BUSS		
07195		XA331	33									J	DA21QD	01	DA21QD	00	1	TLD	C3	16B	DB21DB BUSS		
07196		XA330	33									J	DA21TD	01	DA21TD	00	1	TLD	C3	16B	DB21DB BUSS		
07197		XA329	33									J	DA21YD	01	DA21YD	00	1	TLD	C3	16B	DB21DB BUSS		
07198		XA334	30									J	DA22CD	01	DA22CD	00	1	TLD	C2	15A	DB22DB BUSS		
07199		XA333	30									J	DA22DD	01	DA22DD	00	1	TLD	C2	15A	DB22DB BUSS		
07200		XA332	30									J	DA22GD	01	DA22GD	00	1	TLD	C2	15A	DB22DB BUSS		
07201		XA331	30									J	DA22QD	01	DA22QD	00	1	TLD	C2	15A	DB22DB BUSS		
													****	SIGNAL	DA22TD						S ON THE NEXT PAGE	****	

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SIG NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	IN/OUT	PREFIX	CONNECTOR	PIN	IN/OUT	MULTI GROUP	CODE	COLOR	IDEN1											SPEC. WIRE	
07202		XA330	30										J	DA22TD	01	DA22TD	00	1	TLD	C2	15A	DB22DB BUSS		
07203		XA329	30										J	DA22YD	01	DA22YD	00	1	TLD	C2	15A	DB22DB BUSS		
07204		XA334	38										J	DA23CD	01	DA23CD	00	1	TLD	C1	18A	DB23DB BUSS		
07205		XA333	38										J	DA23DD	01	DA23DD	00	1	TLD	C1	18A	DB23DB BUSS		
07206		XA332	38										J	DA23GD	01	DA23GD	00	1	TLD	C1	18A	DB23DB BUSS		
07207		XA331	38										J	DA23QD	01	DA23QD	00	1	TLD	C1	18A	DB23DB BUSS		
07208		XA330	38										J	DA23TD	01	DA23TD	00	1	TLD	C1	18A	DB23DB BUSS		
07209		XA329	38										J	DA23YD	01	DA23YD	00	1	TLD	C1	18A	DB23DB BUSS		
07210		XA334	27										J	DA24CD	01	DA24CD	00	1	TLD	B4	13B	DB24DB BUSS		
07211		XA333	27										J	DA24DD	01	DA24DD	00	1	TLD	B4	13B	DB24DB BUSS		
07212		XA332	27										J	DA24GD	01	DA24GD	00	1	TLD	B4	13B	DB24DB BUSS		
07213		XA331	27										J	DA24QD	01	DA24QD	00	1	TLD	B4	13B	DB24DB BUSS		
07214		XA330	27										J	DA24TD	01	DA24TD	00	1	TLD	B4	13B	DB24DB BUSS		
07215		XA329	27										J	DA24YD	01	DA24YD	00	1	TLD	B4	13B	DB24DB BUSS		
07216		XA334	21										J	DA25CD	01	DA25CD	00	1	TLD	B3	10B	DB25DB BUSS		
07217		XA333	21										J	DA25DD	01	DA25DD	00	1	TLD	B3	10B	DB25DB BUSS		
07218		XA332	21										J	DA25GD	01	DA25GD	00	1	TLD	B3	10B	DB25DB BUSS		
07219		XA331	21										J	DA25QD	01	DA25QD	00	1	TLD	B3	10B	DB25DB BUSS		
07220		XA330	21										J	DA25TD	01	DA25TD	00	1	TLD	B3	10B	DB25DB BUSS		
07221		XA329	21										J	DA25YD	01	DA25YD	00	1	TLD	B3	10B	DB25DB BUSS		
07222		XA334	14										J	DA26CD	01	DA26CD	00	1	TLD	B2	09A	DB26DB BUSS		
07223		XA333	14										J	DA26DD	01	DA26DD	00	1	TLD	B2	09A	DB26DB BUSS		
07224		XA332	14										J	DA26GD	01	DA26GD	00	1	TLD	B2	09A	DB26DB BUSS		
07225		XA331	14										J	DA26QD	01	DA26QD	00	1	TLD	B2	09A	DB26DB BUSS		
07226		XA330	14										J	DA26TD	01	DA26TD	00	1	TLD	B2	09A	DB26DB BUSS		
														****	SIGNAL	DA26YD							ON THE NEXT PAGE ****	

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DA26YD

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RECORD NUMBER	FROM			TO			WIRE						SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CXT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS ANGLE OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT	WIRE NO													
07227		XA329	14									J	DA26YD	01	DA26YD	00	1	TLD	B2		09A	DB26DB BUSS		
07228		XA334	22									J	DA27CD	01	DA27CD	00	1	TLD	B1		12A	DB27DB BUSS		
07229		XA333	22									J	DA27DD	01	DA27DD	00	1	TLD	B1		12A	DB27DB BUSS		
07230		XA332	22									J	DA27GD	01	DA27GD	00	1	TLD	B1		12A	DB27DB BUSS		
07231		XA331	22									J	DA27QD	01	DA27QD	00	1	TLD	B1		12A	DB27DB BUSS		
07232		XA330	22									J	DA27TD	01	DA27TD	00	1	TLD	B1		12A	DB27DB BUSS		
07233		XA329	22									J	DA27YD	01	DA27YD	00	1	TLD	B1		12A	DB27DB BUSS		
07234		XA334	15									J	DA28CD	01	DA28CD	00	1	TLD	A4		07B	DB28DB BUSS		
07235		XA333	15									J	DA28DD	01	DA28DD	00	1	TLD	A4		07B	DB28DB BUSS		
07236		XA332	15									J	DA28GD	01	DA28GD	00	1	TLD	A4		07B	DB28DB BUSS		
07237		XA331	15									J	DA28QD	01	DA28QD	00	1	TLD	A4		07B	DB28DB BUSS		
07238		XA330	15									J	DA28TD	01	DA28TD	00	1	TLD	A4		07B	DB28DB BUSS		
07239		XA329	15									J	DA28YD	01	DA28YD	00	1	TLD	A4		07B	DB28DB BUSS		
07240		XA334	09									J	DA29CD	01	DA29CD	00	1	TLD	A3		04B	DB29DB BUSS		
07241		XA333	09									J	DA29DD	01	DA29DD	00	1	TLD	A3		04B	DB29DB BUSS		
07242		XA332	09									J	DA29GD	01	DA29GD	00	1	TLD	A3		04B	DB29DB BUSS		
07243		XA331	09									J	DA29QD	01	DA29QD	00	1	TLD	A3		04B	DB29DB BUSS		
07244		XA330	09									J	DA29TD	01	DA29TD	00	1	TLD	A3		04B	DB29DB BUSS		
07245		XA329	09									J	DA29YD	01	DA29YD	00	1	TLD	A3		04B	DB29DB BUSS		
07246		XA334	01									J	DA30CD	01	DA30CD	00	1	TLD	A2		02B	DB30DB BUSS		
07247		XA333	01									J	DA30DD	01	DA30DD	00	1	TLD	A2		02B	DB30DB BUSS		
07248		XA332	01									J	DA30GD	01	DA30GD	00	1	TLD	A2		02B	DB30DB BUSS		
07249		XA331	01									J	DA30QD	01	DA30QD	00	1	TLD	A2		02B	DB30DB BUSS		
07250		XA330	01									J	DA30TD	01	DA30TD	00	1	TLD	A2		02B	DB30DB BUSS		
07251		XA329	01									J	DA30YD	01	DA30YD	00	1	TLD	A2		02B	DB30DB BUSS		
													***	SIGNAL	DA31CD							S ON THE	NEXT PAGE	***

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CAT OR CUP TYPE	PROP	WIRE OR POINT PLANO	TEST POINT NO	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	DR	PREFIX	CONNECTOR	PIN	DR	MULTI GROUP	CODE	COLOR	IDENT												WIRE NO	
07252		XA334	06										J	DA31CD	01	DA31CD	00	1	TLD	A1	05A	DB31DB BUSS			
07253		XA333	06										J	DA31DD	01	DA31DD	00	1	TLD	A1	05A	DB31DB BUSS			
07254		XA332	06										J	DA31GD	01	DA31GD	00	1	TLD	A1	05A	DB31DB BUSS			
07255		XA331	06										J	DA31QD	01	DA31QD	00	1	TLD	A1	05A	DB31DB BUSS			
07256		XA330	06										J	DA31YD	01	DA31YD	00	1	TLD	A1	05A	DB31DB BUSS			
07257		XA329	06										J	DA31YD	01	DA31YD	00	1	TLD	A1	05A	DB31DB BUSS			
07260		XA337	51		XA242	79				168	9			DB00A0	01	DB00A0	00	1	TQ2	D4	27B	DATA BUS RCVR - 0			
07261		XA242	79		XA245	79				168	9			DB00A0	02	AC315A	01	1	TS8	F1	39B				
07262		XA245	79		XA350	14				168	9			DB00A0	03	AC5E1A	01	1	TD4	F1	39B				
07263		XA350	14		XA151	07				168	9			DB00A0	04	AC001A	01	2	TT3	B2	09A				
07264		XA151	07		XA143	25				168	9			DB00A0	05	AY001A	01	2	TQ2	A3	03A				
07265		XA143	25		XA129	06				168	9			DB00A0	06	AY5E1A	01	4	TD4	B1	12B				
07266		XA129	06							168	9			DB00A0	07	AQ001A	01	3	TT3	A1	05A				
07267		XA302	03		XA315	80				168	9			DB00DB	01										
07268		XA315	80		XA316	80				168	9		P	DT00AD	02	DB00DB	06	1	TLD	F4	39A				
07269		XA316	80		XA317	80				168	9		P	DM001D	03	DB00DB	15	1	TLD	F4	39A				
07270		XA317	80		XA318	80				168	9		P	DM000D	04	DB00DB	14	1	TLD	F4	39A				
07271		XA318	80		XA319	80				168	9		P	DG000D	05	DB00DB	13	1	TLD	F4	39A				
07272		XA319	80		XA320	80				168	9		P	DA00YD	06	DB00DB	12	1	TLD	F4	39A	TAY REG. TO BUS -			
07273		XA320	80		XA321	80				168	9		P	DA00YD	07	DB00DB	11	1	TLD	F4	39A	TEXCLUSIVE OR TO B			
07274		XA321	80		XA322	80				168	9		P	DA00QD	08	DB00DB	10	1	TLD	F4	39A	TAQ REG. TO BUS -			
07275		XA322	80		XA323	80				168	9		P	DA00GD	09	DB00DB	09	1	TLD	F4	39A	TGCE AND TO BUS -			
07276		XA323	80		XA324	80				168	9		P	DA00DD	10	DB00DB	08	1	TLD	F4	39A	TADDER TO BUS - 00			
07277		XA324	80		XA337	49				168	9		P	DA00CD	11	DB00DB	07	1	TLD	F4	39A	TAC REG. TO BUS -			
07278		XA337	49		XA337	76				168	9			DB00DB	12	DB00A0	01	2	TQ2	D4	26B	DATA BUS- 00			
07279		XA337	76		XA341	75				168	9			DB00DB	13	DB00H0	01	1	TQ2	F4	37A	DATA BUS- 00			
07280		XA341	75		XA342	61				168	9			DB00DB	14	DB00GA	01	3	TT3	F1	37B	DATA BUS- 00			
07281		XA342	61							168	9			DB00DB	15										
07284		XA545	06		XA544	05				168	9			DB00GA	01	GC015A	01	3	TT3	A1	05A				
07285		XA544	05		XA341	73				168	9			DB00GA	02	GRO0V0	01	2	TQ2	A2	03B				
07286		XA341	73							168	9			DB00GA	03	DB00GA	00	1	TT3	F1	36B				
07287		XA519	05		XA417	10				168	9			DB00H0	01	M0117A	01	2	TQ2	A2	03B				
07288		XA417	10		XA337	80				168	9			DB00H0	02	M0045A	01	1	TQ2	A1	07A				
07289		XA337	80		XA316	49				168	9			DB00H0	03	DB00H0	05	1	TQ2	F4	39A				
07290		XA316	49							168	9			DB00H0	04	TB00T0	01	2	TLD	D4	26B				
07293		XA337	45		XA350	38				168	9			DB01A0	01	DB01A0	05	1	TQ2	D3	24B	DATA BUS RCVR - 0			
07294		XA350	38		XA151	20				168	9			DB01A0	02	AC011A	01	3	TT3	C1	18A				
07295		XA151	20		XA129	26				168	9			DB01A0	03	AY011A	01	1	TQ2	B2	11A				
07296		XA129	26							168	9			DB01A0	04	AQ011A	01	1	TT3	B1	14A				
													****	SIGNAL	(DB01DB)	IS ON THE NEXT PAGE ****									

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RECORD NUMBER	FROM				TO				WIRE			IDENT	SHEET NO.	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	CODE	PREFIX	CONNECTOR	PIN	CODE	COL IN	MULTI GROUP	CODE														
21678		XA302	05		XA315	69		168	9				P	DB01DB	01			EXT							
07298		XA315	65		XA316	69		168	9					DT01AD	02	DB01DB	06	1	TLD	F3		35A			
07299		XA316	65		XA317	69		168	9				P	DM011D	03	DB01DB	15	1	TLD	F3		35A			
07300		XA317	65		XA318	69		168	9				P	DM0100	04	DB01DB	14	1	TLD	F3		35A			
07301		XA318	65		XA319	69		168	9				P	DG0100	05	DB01DB	13	1	TLD	F3		35A			
07302		XA319	69		XA320	69		168	9				P	DA01YD	06	DB01DB	12	1	TLD	F3		35A	TAY REG. TO BUS -		
07303		XA320	65		XA321	69		168	9				P	DA01TD	07	DB01DB	11	1	TLD	F3		35A	TEXCLUSIVE OR TO B		
07304		XA321	65		XA322	69		168	9				P	DA01Q0	08	DB01DB	10	1	TLD	F3		35A	TAQ REG. TO BUS -		
07305		XA322	65		XA323	69		168	9				P	DA01GD	09	DB01DB	09	1	TLD	F3		35A	TLGCL AND TO BUS -		
07306		XA323	65		XA324	69		168	9				P	DA01D0	10	DB01DB	08	1	TLD	F3		35A	TADDER TO BUS - 01		
07307		XA324	69		XA337	65		168	9				P	DA01CD	11	DB01DB	07	1	TLD	F3		35A	TAC REG. TO BUS -		
07308		XA337	65		XA337	43		168	9					DB01DB	12	DB01M0	01	1	TQ2	F3		34B	DATA BUS- 01		
07309		XA337	43		XA341	61		168	9					DB01DB	13	DB01A0	01	2	TQ2	D3		23B	DATA BUS- 01		
07310		XA341	61		XA342	52		168	9					DB01DB	14	DB01GA	01	3	TT3	E3		32B	DATA BUS- 01		
07311		XA342	52					168	9					DB01DB	15				RR4	E1					
07314		XA545	13		XA544	13		168	9					DB01GA	01	GC017A	01	3	TT3	A3		06B			
07315		XA544	13		XA341	63		168	9					DB01GA	02	GR01V0	01	2	TQ2	A4		06B			
07316		XA341	63					168	9					DB01GA	03	DB01GA	00	1	TT3	E3		33B			
07317		XA519	24		XA417	13		168	9					DB01M0	01	MD12JA	01	2	TQ2	B1		13A			
07318		XA417	13		XA337	69		168	9					DB01MC	02	MD048A	01	2	TQ2	A4		06B			
07319		XA337	69		XA316	43		168	9					DB01M0	03	DB01M0	00	1	TQ2	F3		35A			
07320		XA316	43					168	9					DB01M0	04	TB01TD	01	2	TLD	D3		23B			
07323		XA337	46		XA350	46		168	9					DB02A0	01	DB02A0	00	1	TQ2	D2		21A	DATA BUS RCVR - 0		
07324		XA350	46		XA151	42		168	9					DB02A0	02	AC021A	01	2	TT3	D2		21A			
07325		XA151	42		XA129	38		168	9					DB02A0	03	AY021A	01	1	TQ2	C1		20A			
07326		XA129	38					168	9					DB02A0	04	AQ021A	01	3	TT3	C1		18A			
21680		XA302	07		XA315	72		168	9					DB020B	01				EXT						
07328		XA315	72		XA316	72		168	9				P	DT02AD	02	DB020B	06	1	TLD	F2		34A			
07329		XA316	72		XA317	72		168	9				P	DM021D	03	DB020B	15	1	TLD	F2		34A			
07330		XA317	72		XA318	72		168	9				P	DM020D	04	DB020B	14	1	TLD	F2		34A			
07331		XA318	72		XA319	72		168	9				P	DG020D	05	DB020B	13	1	TLD	F2		34A			
07332		XA319	72		XA320	72		168	9				P	DA02YD	06	DB020B	12	1	TLD	F2		34A	TAY REG. TO BUS -		
07333		XA320	72		XA321	72		168	9				P	DA02TD	07	DB020B	11	1	TLD	F2		34A	TEXCLUSIVE OR TO B		
07334		XA321	72		XA322	72		168	9				P	DA02QD	08	DB020B	10	1	TLD	F2		34A	TAQ REG. TO BUS -		
07335		XA322	72		XA323	72		168	9				P	DA02GD	09	DB020B	09	1	TLD	F2		34A	TLGCL AND TO BUS -		
07336		XA323	72		XA324	72		168	9				P	DA02D0	10	DB020B	08	1	TLD	F2		34A	TADDER TO BUS - 02		
07337		XA324	72		XA337	50		168	9				P	DA02CD	11	DB020B	07	1	TLD	F2		34A	TAC REG. TO BUS -		
07338		XA337	50		XA337	71		168	9					DB020B	12	DB02A0	01	1	TQ2	D2		23A	DATA BUS- 02		
07339		XA337	71		XA341	53		168	9					DB020B	13	DB02M0	01	2	TQ2	F2		36A	DATA BUS- 02		
07340		XA341	53		XA342	51		168	9					DB020B	14	DB02GA	01	3	TT3	E2		28B	DATA BUS- 02		
07341		XA342	51					168	9					DB020B	15				RR4	F5					
07344		XA544	20		XA545	14		168	9					DB02GA	01	GR02V0	01	1	TQ2	B2		11A			
07345		XA545	14		XA341	55		168	9					DB02GA	02	GC019A	01	2	TT3	B2		09A			
07346		XA341	55					168	9					DB02GA	03	DB02GA	00	1	TT3	E2		29B			
								****						SIGNAL	DB02M0										IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	WIRE GROUP	CODE	COLOR												
07347		XA519	42		XA417	19				168	9		DB02M0	01	MD124A	01	1	TQ2	C1		20A		
07348		XA417	15		XA337	72				168	9		DB02M0	02	MD051A	01	2	TQ2	B3		09B		
07349		XA337	72		XA316	50				168	9		DB02M0	03	DB02M0	00	1	TQ2	F2		34A		
07350		XA316	50							168	9		DB02M0	04	TB02TD	01	1	TLD	D2		23A		
07353		XA350	61		XA337	52				168	9		DB03A0	01	AC031A	01	3	TT3	E3		32B		
07354		XA337	52		XA129	52				168	9		DB03A0	02	DB03A0	00	1	TQ2	D1		24A	DATA BUS RCVR - 0	
07355		XA129	52		XA151	37				168	9		DB03A0	03	AQ031A	01	3	TT3	D1		24A		
07356		XA151	37							168	9		DB03A0	04	AY031A	01	2	TQ2	C4		18B		
21682		XA302	05		XA315	75				168	9		DB03DB	01				EXT					
07358		XA315	75		XA316	75				168	9	P	DT03AD	02	DB03DB	06	1	TLD	F1		37B		
07359		XA316	75		XA317	75				168	9	P	DM031D	03	DB03DB	15	1	TLD	F1		37B		
07360		XA317	75		XA318	75				168	9	P	DM030D	04	DB03DB	14	1	TLD	F1		37B		
07361		XA318	75		XA319	75				168	9	P	DG030D	05	DB03DB	13	1	TLD	F1		37B		
07362		XA319	75		XA320	75				168	9	P	DA03YD	06	DB03DB	12	1	TLD	F1		37B	TAY REG. TO BUS -	
07363		XA320	75		XA321	75				168	9	P	DA03TD	07	DB03DB	11	1	TLD	F1		37B	TEXCLUSIVE OR TO B	
07364		XA321	75		XA322	75				168	9	P	DA03QD	08	DB03DB	10	1	TLD	F1		37B	TAQ REG. TO BUS -	
07365		XA322	75		XA323	75				168	9	P	DA03GD	09	DB03DB	09	1	TLD	F1		37B	TGCL AND TO BUS -	
07366		XA323	75		XA324	75				168	9	P	DA03DD	10	DB03DB	08	1	TLD	F1		37B	TADDER TO BUS - 03	
07367		XA324	75		XA337	77				168	9	P	DA03CD	11	DB03DB	07	1	TLD	F1		37B	TAC REG. TO BUS -	
07368		XA337	77		XA337	56				168	9		DB03DB	12	DB03M0	01	2	TQ2	F1		38B	DATA BUS- 03	
07369		XA337	56		XA341	68				168	9		DB03DB	13	DB03A0	01	1	TQ2	D1		26A	DATA BUS- 03	
07370		XA341	68		XA342	53				168	9		DB03DB	14	DB03GA	01	2	TT3	E1		32A	DATA BUS- 03	
07371		XA342	53							168	9		DB03DB	15				RR4	F4				
07374		XA545	40		XA544	23				168	9		DB03GA	01	GC021A	01	2	TT3	C1		19A		
07375		XA544	23		XA341	64				168	9		DB03GA	02	GR03V0	01	1	TQ2	B4		11B		
07376		XA341	64							168	9		DB03GA	03	DB03GA	00	1	TT3	E1		30A		
07377		XA519	54		XA417	36				168	9		DB03M0	01	MD128A	01	2	TQ2	D1		25A		
07378		XA417	36		XA337	75				168	9		DB03M0	02	MD054A	01	1	TQ2	C2		17A		
07379		XA337	75		XA316	56				168	9		DB03M0	03	DB03M0	00	1	TQ2	F1		37B		
07380		XA316	56							168	9		DB03M0	04	TB03TD	01	1	TLD	D1		26A		
07381		XA337	39		XA349	06				168	9		DB04A0	01	DB04A0	00	1	TQ2	C4		19B	DATA BUS RCVR - 0	
07382		XA349	06		XA151	43				168	9		DB04A0	02	AC041A	01	3	TT3	A1		05A		
07383		XA151	43		XA129	66				168	9		DB04A0	03	AY041A	01	2	TQ2	D3		23B		
07384		XA129	66							168	9		DB04A0	04	AQ041A	01	3	TT3	E1		31A		
21684		XA302	11		XA315	63				168	9		DB04DB	01				EXT					
07386		XA315	63		XA316	63				168	9	P	DT04AD	02	DB04DB	06	1	TLD	E4		33B		
07387		XA316	63		XA317	63				168	9	P	DM041D	03	DB04DB	15	1	TLD	E4		33B		
07388		XA317	63		XA318	63				168	9	P	DM040D	04	DB04DB	14	1	TLD	E4		33B		
07389		XA318	63		XA319	63				168	9	P	DG040D	05	DB04DB	13	1	TLD	E4		33B		
07390		XA319	63		XA320	63				168	9	P	DA04YD	06	DB04DB	12	1	TLD	E4		33B	TAY REG. TO BUS -	
07391		XA320	63		XA321	63				168	9	P	DA04TD	07	DB04DB	11	1	TLD	E4		33B	TEXCLUSIVE OR TO B	
07392		XA321	63		XA322	63				168	9	P	DA04QD	08	DB04DB	10	1	TLD	E4		33B	TAQ REG. TO BUS -	
07393		XA322	63		XA323	63				168	9	P	DA04GD	09	DB04DB	09	1	TLD	E4		33B	TGCL AND TO BUS -	
07394		XA323	63		XA324	63				168	9	P	DA04DD	10	DB04DB	08	1	TLD	E4		33B	TADDER TO BUS - 04	
										****		SIGNAL	DB04DB		IS ON THE						****		

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DB04DB

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
07395		XA324	63		XA337	59			16B	9			DA04CD	11	DB04DB	07	1	TLD	E4		33B	TAC REG. TO BUS -	
07396		XA337	59		XA337	37			16B	9			DB04DB	12	DB04MO	01	1	TQ2	E4		31B	DATA BUS- 04	
07397		XA337	37		XA341	49			16B	9			DB04DB	13	DB04A0	01	2	TQ2	C4		18B	DATA BUS- 04	
07398		XA341	49		XA342	45			16B	9			DB04DB	14	DB04GA	01	3	TT3	D3		26B	DATA BUS- 04	
07399		XA342	45						16B	9			DB04DB	15				RR4	E4				
07402		XA545	37		XA544	36			16B	9			DB04GA	01	GC025A	01	3	TT3	C3		18B		
07403		XA544	36		XA341	51			16B	9			DB04GA	02	GR04V0	01	1	TQ2	C2		17A		
07404		XA341	51						16B	9			DB04GA	03	DB04GA	00	1	TT3	D3		27B		
07407		XA515	41		XA417	56			16B	9			DB04MO	01	MD131A	01	1	TQ2	D3		22B		
07408		XA417	56		XA315	47			16B	9			DB04MO	02	MD057A	01	1	TQ2	D1		26A		
07409		XA315	47		XA337	63			16B	9			DB04MO	03	TB04TD	01	1	TLD	D4		25B		
C741C		XA337	63						16B	9			DB04MO	04	DB04MO	00	1	TQ2	E4		33B		
07411		XA337	33		XA349	18			16B	9			DB05A0	01	DB05A0	00	1	TQ2	C3		16B	DATA BUS RCVR - 0	
07412		XA349	18		XA151	64			16B	9			DB05A0	02	AC051A	01	1	TT3	B2		10A		
07413		XA151	64		XA129	79			16B	9			DB05A0	03	AY051A	01	1	TQ2	E2		30A		
07414		XA129	79						16B	9			DB05A0	04	AQ051A	01	1	TT3	F1		39B		
21686		XA302	13		XA315	57			16B	9			DB05DB	01				EXT					
07416		XA315	57		XA316	57			16B	9			DT05A0	02	DB05DB	06	1	TLD	E3		30B		
07417		XA316	57		XA317	57			16B	9			DM051D	03	DB05DB	15	1	TLD	E3		30B		
07418		XA317	57		XA318	57			16B	9			DM050D	04	DB05DB	14	1	TLD	E3		30B		
07419		XA318	57		XA319	57			16B	9			DG050D	05	DB05DB	13	1	TLD	E3		30B		
07420		XA319	57		XA320	57			16B	9			DA05YD	06	DB05DB	12	1	TLD	E3		30B	TAY REG. TO BUS -	
07421		XA320	57		XA321	57			16B	9			DA05TD	07	DB05DB	11	1	TLD	E3		30B	TEXCLUSIVE OR TO B	
07422		XA321	57		XA322	57			16B	9			DA05QD	08	DB05DB	10	1	TLD	E3		30B	TAQ REG. TO BUS -	
07423		XA322	57		XA323	57			16B	9			DA05GD	09	DB05DB	09	1	TLD	E3		30B	TLGCL AND TO BUS -	
07424		XA323	57		XA324	57			16B	9			DA05DD	10	DB05DB	08	1	TLD	E3		30B	TADDER TO BUS - 05	
07425		XA324	57		XA337	53			16B	9			DA05CD	11	DB05DB	07	1	TLD	E3		30B	TAC REG. TO BUS -	
07426		XA337	53		XA337	31			16B	9			DB05DB	12	DB05MO	01	1	TQ2	E3		28B	DATA BUS-05	
07427		XA337	31		XA341	48			16B	9			DB05DB	13	DB05A0	01	2	TQ2	C3		15B	DATA BUS-05	
07428		XA341	48		XA342	42			16B	9			DB05DB	14	DB05GA	01	1	TT3	D2		22A	DATA BUS-05	
07429		XA342	42						16B	9			DB05DB	15				RR4	D1				
07432		XA545	48		XA544	37			16B	9			DB05GA	01	GC027A	01	1	TT3	D2		22A		
07433		XA544	37		XA341	43			16B	9			DB05GA	02	GR05V0	01	2	TQ2	C4		18B		
07434		XA341	43						16B	9			DB05GA	03	DB05GA	00	1	TT3	D2		23B		
07437		XA519	68		XA417	49			16B	9			DB05MO	01	MD133A	01	2	TQ2	E1		32A		
07438		XA417	49		XA315	41			16B	9			DB05MO	02	MD060A	01	2	TQ2	D4		26B		
07439		XA315	41		XA337	57			16B	9			DB05MO	03	TB05TD	01	1	TLD	D3		22B		
07440		XA337	57						16B	9			DB05MO	04	DB05MO	00	1	TQ2	E3		30B		
07443		XA337	30		XA349	37			16B	9			DB06A0	01	DB06A0	00	1	TQ2	C2		15A	DATA BUS RCVR - 0	
07444		XA349	37		XA151	79			16B	9			DB06A0	02	AC061A	01	3	TT3	C3		18B		
07445		XA151	79		XA128	06			16B	9			DB06A0	03	AY061A	01	1	TQ2	F1		39B		
07446		XA128	06						16B	9			DB06A0	04	AQ061A	01	3	TT3	A1		05A		
									****	SIGNAL		DB06DB		IS ON THE	NEXT PAGE	****							



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	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	CH	MULTI GROUP	CODE	COLOR	IDENT											
21688		XA302	15		XA315	60				168	9		DB06DB	01				EXT					
07448		XA315	60		XA316	60				168	9		DT06AD	02	DB06DB	06	1	TLD	E2		28A		
07449		XA316	60		XA317	60				168	9		DM06ID	03	DB06DB	15	1	TLD	E2		28A		
07450		XA317	60		XA318	60				168	9		DM06OD	04	DB06DB	14	1	TLD	E2		28A		
07451		XA318	60		XA319	60				168	9		DG06OD	05	DB06DB	13	1	TLD	E2		28A		
07452		XA319	60		XA320	60				168	9		DA06YD	06	DB06DB	12	1	TLD	E2		28A	TAY REG. TO BUS -	
07453		XA320	60		XA321	60				168	9		DA06TD	07	DB06DB	11	1	TLD	E2		28A	TEXCLUSIVE OR TO B	
07454		XA321	60		XA322	60				168	9		DA06QD	08	DB06DB	10	1	TLD	E2		28A	TAQ REG. TO BUS -	
07455		XA322	60		XA323	60				168	9		DA06GD	09	DB06DB	09	1	TLD	E2		28A	TGCL AND TO BUS -	
07456		XA323	60		XA324	60				168	9		DA06DD	10	DB06DB	08	1	TLD	E2		28A	TADDER TO BUS - 06	
07457		XA324	60		XA337	62				168	9		DA06CD	11	DB06DB	07	1	TLD	E2		28A	TAC REG. TO BUS -	
07458		XA337	62		XA337	36				168	9		DB06DB	12	DB06M0	01	2	TQ2	E2		29A	DATA BUS-06	
07459		XA337	36		XA341	52				168	9		DB06DB	13	DB06AV	01	1	TQ2	C2		17A	DATA BUS-06	
07460		XA341	52		XA342	47				168	9		DB06DB	14	CB06GA	01	3	TT3	D1		24A	DATA BUS-06	
07461		XA342	47							168	9		DB06DB	15				RR4	E3				
07464		XA545	66		XA544	50				168	9		DB06GA	01	GC029A	01	3	TT3	E1		31A		
07465		XA544	50		XA341	50				168	9		DB06GA	02	GR06V0	01	1	TQ2	D2		23A		
07466		XA341	50							168	9		DB06GA	03	DB06GA	00	1	TT3	D1		23A		
07469		XA519	53		XA417	55				168	9		DB06M0	01	MD135A	01	1	TQ2	E3		28B		
07470		XA417	55		XA315	48				168	9		DB06M0	02	MD063A	01	2	TQ2	E3		29B		
07471		XA315	48		XA337	60				168	9		DB06M0	03	TB06TD	01	2	TLD	D2		22A		
07472		XA337	60							168	9		DB06M0	04	DB06M0	00	1	TQ2	E2		28A		
07477		XA349	70		XA337	38				168	9		DB07A0	01	AC071A	01	1	TT3	E1		33A		
07478		XA337	38		XA151	78				168	9		DB07A0	02	DB07A0	00	1	TQ2	C1		18A	DATA BUS RCVR - 0	
07479		XA151	78		XA128	22				168	9		DB07A0	03	AY071A	01	2	TQ2	F4		38A		
07480		XA128	22							168	9		DB07A0	04	AQ071A	01	3	TT3	B1		12A		
21690		XA302	17		XA315	66				168	9		DB07DB	01				EXT					
07482		XA315	66		XA316	66				168	9		DT07AD	02	DB07DB	06	1	TLD	E1		31A		
07483		XA316	66		XA317	66				168	9		DM07ID	03	DB07DB	15	1	TLD	E1		31A		
07484		XA317	66		XA318	66				168	9		DM07OD	04	DB07DB	14	1	TLD	E1		31A		
07485		XA318	66		XA319	66				168	9		DG07OD	05	DB07DB	13	1	TLD	E1		31A		
07486		XA319	66		XA320	66				168	9		DA07YD	06	DB07DB	12	1	TLD	E1		31A	TAY REG. TO BUS -	
07487		XA320	66		XA321	66				168	9		DA07TD	07	DB07DB	11	1	TLD	E1		31A	TEXCLUSIVE OR TO B	
07488		XA321	66		XA322	66				168	9		DA07QD	08	DB07DB	10	1	TLD	E1		31A	TAQ REG. TO BUS -	
07489		XA322	66		XA323	66				168	9		DA07GD	09	DB07DB	09	1	TLD	E1		31A	TGCL AND TO BUS -	
07490		XA323	66		XA324	66				168	9		DA07DD	10	DB07DB	08	1	TLD	E1		31A	TADDER TO BUS - 07	
07491		XA324	66		XA337	68				168	9		DA07CD	11	DB07DB	07	1	TLD	E1		31A	TAC REG. TO BUS -	
07492		XA337	68		XA337	42				168	9		DB07DB	12	DB07M0	01	2	TQ2	F1		32A	DATA BUS-07	
07493		XA337	42		XA341	33				168	9		DB07DB	13	DB07AV	01	1	TQ2	C1		20A	DATA BUS-07	
07494		XA341	33		XA342	36				168	9		DB07DB	14	CB07GA	01	1	TT3	C3		16B	DATA BUS-07	
07495		XA342	36							168	9		DB07DB	15				RR4	C1				
07498		XA545	61		XA544	49				168	9		DB07GA	01	GC031A	01	3	TT3	E3		32B		
07499		XA544	49		XA341	39				168	9		DB07GA	02	GR07V0	01	2	TQ2	D4		26B		
07500		XA341	39							168	9		DB07GA	03	DB07GA	00	1	TT3	C3		19B		
													****	SIGNAL (DB07M0)	IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07503		XA515	73		XA417	73			16B	9			DB07M0	01	MD138A	01	1	TQ2	F2		36B			
07504		XA417	73		XA315	56			16B	9			DB07M0	02	MD066A	01	1	TQ2	F2		36B			
07505		XA315	56		XA337	66			16B	9			DB07M0	03	TB07TD	01	1	TLD	D1		26A			
07506		XA337	66						16B	9			DB07M0	04	DB07M0	03	1	TQ2	E1		31A			
07509		XA349	71		XA335	80			16B	9			DB08A0	01	AC081A	01	1	TT3	F2		36A			
07510		XA335	80		XA128	38			16B	9			DB08A0	02	DB08A0	00	1	TQ2	F4		39A	DATA BUS RCVR - 0		
07511		XA128	38		XA150	11			16B	9			DB08A0	03	AQ081A	01	3	TT3	C1		18A			
07512		XA150	11						16B	9			DB08A0	04	AY081A	01	1	TQ2	A4		05B			
21692		XA302	19		XA325	80			16B	9			DB08DB	01				EXT						
07514		XA325	80		XA326	80			16B	9		P	DT08AD	02	DB08DB	05	1	TLD	F4		39A			
07515		XA326	80		XA327	80			16B	9		P	DM081D	03	DB08DB	14	1	TLD	F4		39A			
07516		XA327	80		XA328	80			16B	9		P	DM080D	04	DB08DB	13	1	TLD	F4		39A			
07517		XA328	80		XA329	80			16B	9		P	DG080D	05	DB08DB	12	1	TLD	F4		39A			
07518		XA329	80		XA330	80			16B	9		P	DA08YD	06	DB08DB	11	1	TLD	F4		39A	TAY REG. TO BUS -		
07519		XA330	80		XA331	80			16B	9		P	DA08TD	07	DB08DB	10	1	TLD	F4		39A	TEXCLUSIVE OR TO B		
C7520		XA331	80		XA332	80			16B	9		P	DA08QD	08	DB08DB	09	1	TLD	F4		39A	TAQ REG. TO BUS -		
07521		XA332	80		XA333	80			16B	9		P	DA08CD	09	DB08DB	08	1	TLD	F4		39A	TLGCL AND TO BUS -		
07522		XA333	80		XA334	80			16B	9		P	DA08DD	10	DB08DB	07	1	TLD	F4		39A	TADDER TO BUS - 08		
07523		XA334	80		XA335	78			16B	9		P	DA08CD	11	DB08DB	06	1	TLD	F4		39A	TAC REG. TO BUS -		
07524		XA335	78		XA336	76			16B	9			DB08DB	12	DB08A0	01	2	TQ2	F4		38A	DATA BUS- 08		
07525		XA336	76		XA341	30			16B	9			DB08DB	13	DB08M0	01	1	TQ2	F4		37A	DATA BUS- 08		
07526		XA341	30		XA342	35			16B	9			DB08DB	14	DB08GA	01	2	TT3	C2		15A	DATA BUS- 08		
07527		XA342	35						16B	9			DB08DB	15				RR4	D3					
07530		XA547	06		XA546	05			16B	9			DB08GA	01	GC039A	01	3	TT3	A1		05A			
07531		XA546	05		XA341	31			16B	9			DB08GA	02	GR08V0	01	2	TQ2	A2		03B			
07532		XA341	31						16B	9			DB08GA	03	DB08GA	00	1	TT3	C2		15B			
07535		XA518	08		XA415	42			16B	9			DB08M0	01	MD141A	01	2	TQ2	A1		06A			
07536		XA415	42		XA336	80			16B	9			DB08M0	02	MD069A	01	1	TQ2	C1		20A			
07537		XA336	80		XA314	78			16B	9			DB08M0	03	DB08M0	00	1	TQ2	F4		39A			
07538		XA314	78						16B	9			DB08M0	04	TB08TD	01	2	TLD	F4		38A			
07541		XA335	69		XA348	13			16B	9			DB09A0	01	DB09A0	00	1	TQ2	F3		35A	DATA BUS RCVR - 0		
07542		XA348	13		XA150	19			16B	9			DB09A0	02	AC091A	01	3	TT3	A3		06B			
07543		XA150	19		XA128	56			16B	9			DB09A0	03	AY091A	01	2	TQ2	B3		09B			
07544		XA128	56						16B	9			DB09A0	04	AQ091A	01	1	TT3	D1		26A			
21694		XA302	21		XA325	69			16B	9			DB09DB	01				EXT						
07546		XA325	69		XA326	69			16B	9		P	DT09AD	02	DB09DB	05	1	TLD	F3		35A			
07547		XA326	69		XA327	69			16B	9		P	DM091D	03	DB09DB	14	1	TLD	F3		35A			
07548		XA327	69		XA328	69			16B	9		P	DM090D	04	DB09DB	13	1	TLD	F3		35A			
07549		XA328	69		XA329	69			16B	9		P	DG090D	05	DB09DB	12	1	TLD	F3		35A			
07550		XA329	69		XA330	69			16B	9		P	DA09YD	06	DB09DB	11	1	TLD	F3		35A	TAY REG. TO BUS -		
07551		XA330	69		XA331	69			16B	9		P	DA09TD	07	DB09DB	10	1	TLD	F3		35A	TEXCLUSIVE OR TO B		
07552		XA331	69		XA332	69			16B	9		P	DA09QD	08	DB09DB	09	1	TLD	F3		35A	TAQ REG. TO BUS -		
07553		XA332	69		XA333	69			16B	9		P	DA09GD	09	DB09DB	08	1	TLD	F3		35A	TLGCL AND TO BUS -		
07554		XA333	69		XA334	69			16B	9		P	DA09DD	10	DB09DB	07	1	TLD	F3		35A	TADDER TO BUS - 09		
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	PREFIX	CONNECTOR	PIN	DATE	PREFIX	CONNECTOR	PIN	DATE	MULTI GROUP	CODE	COLOR	IDENT													
07555		XA334	69		XA335	74				16B	9		P	DAJ9CD	11	DB09DB	06	1	TLD	F3		39A	TAC REG. TO BUS -		
07556		XA335	74		XA336	65				16B	9			DB09DB	12	DB09A0	01	2	TQ2	F3		39B	DATA BUS- 09		
07557		XA336	65		XA341	40				16B	9			DB09DB	13	DB09M0	01	1	TQ2	F3		34B	DATA BUS- 09		
07558		XA341	40		XA342	38				16B	9			DB09DB	14	DB09GA	01	2	TT3	C1		19A	DATA BUS- 09		
07559		XA342	38							16B	9			DB09DB	15				RR4	C2					
07562		XA547	13		XA546	13				16B	9			DB09GA	01	GC041A	01	3	TT3	A3		08B			
07563		XA546	13		XA341	36				16B	9			DB09GA	02	GR09V0	01	2	TQ2	A4		06B			
07564		XA341	36							16B	9			DB09GA	03	DB09GA	00	1	TT3	C1		17A			
07567		XA518	11		XA415	31				16B	9			DB09M0	01	MD144A	01	1	TQ2	A4		05B			
07568		XA415	31		XA336	69				16B	9			DB09M0	02	MD071A	01	2	TQ2	C3		15B			
07569		XA336	69		XA314	74				16B	9			DB09M0	03	DB09M0	00	1	TQ2	F3		35A			
G7570		XA314	74							16B	9			DB09M0	04	TB09TD	01	2	TLD	F3		39B			
07573		XA335	72		XA348	38				16B	9			DB10A0	01	DB10A0	00	1	TQ2	F2		34A	DATA BUS RCVR - 1		
07574		XA348	38		XA150	36				16B	9			DB10A0	02	AC101A	01	3	TT3	C1		18A			
07575		XA150	36		XA127	06				16B	9			DB10A0	03	AY101A	01	1	TQ2	C2		17A			
07576		XA127	06							16B	9			DB10A0	04	AQ101A	01	3	TT3	A1		05A			
21696		XA302	23		XA325	72				16B	9			DB10DB	01				EXT						
07578		XA325	72		XA326	72				16B	9		P	DT10AD	02	DB10DB	04	1	TLD	F2		34A			
07579		XA326	72		XA327	72				16B	9		P	DM10ID	03	DB10DB	13	1	TLD	F2		34A			
07580		XA327	72		XA328	72				16B	9		P	DM10OD	04	DB10DB	12	1	TLD	F2		34A			
07581		XA328	72		XA329	72				16B	9		P	DG10DD	05	DB10DB	11	1	TLD	F2		34A			
07582		XA329	72		XA330	72				16B	9		P	DA10YD	06	DB10DB	10	1	TLD	F2		34A	TAY REG. TO BUS -		
07583		XA330	72		XA331	72				16B	9		P	DA10TD	07	DB10DB	09	1	TLD	F2		34A	TEXCLUSIVE OR TO B		
07584		XA331	72		XA332	72				16B	9		P	DA10QD	08	DB10DB	08	1	TLD	F2		34A	TAQ REG. TO BUS -		
07585		XA332	72		XA333	72				16B	9		P	DA10GD	09	DB10DB	07	1	TLD	F2		34A	TGCL AND TO BUS -		
07586		XA333	72		XA334	72				16B	9		P	DA10DD	10	DB10DB	06	1	TLD	F2		34A	TADDER TO BUS - 10		
07587		XA334	72		XA335	73				16B	9		P	DA10CD	11	DB10DB	05	1	TLD	F2		34A	TAC REG. TO BUS -		
07588		XA335	73		XA336	71				16B	9			DB10DB	12	DB10A0	01	1	TQ2	F2		36B	DATA BUS- 10		
07589		XA336	71		XA341	23				16B	9			DB10DB	13	DB1040	01	2	TQ2	F2		36A	DATA BUS- 10		
G7590		XA341	23		XA342	25				16B	9			DB10DB	14	DB10GA	01	2	TT3	B3		11B	DATA BUS- 10		
07591		XA342	25							16B	9			DB10DB	15				RR4	C4					
07594		XA546	20		XA547	14				16B	9			DB10GA	01	GR10V0	01	1	TQ2	B2		11A			
07595		XA547	14		XA341	27				16B	9			DB10GA	02	GC043A	01	2	TT3	B2		09A			
07596		XA341	27							16B	9			DB10GA	03	DB10GA	00	1	TT3	B3		13B			
07601		XA518	17		XA415	56				16B	9			DB10M0	01	MD147A	01	1	TQ2	B3		08B			
07602		XA415	56		XA336	72				16B	9			DB10M0	02	MD073A	01	1	TQ2	D1		26A			
07603		XA336	72		XA314	73				16B	9			DB10M0	03	DB10M0	00	1	TQ2	F2		34A			
07604		XA314	73							16B	9			DB10M0	04	TB10TD	01	1	TLD	F2		36B			
07607		XA335	75		XA348	46				16B	9			DB11A0	01	DB11A0	00	1	TQ2	F1		37B	DATA BUS RCVR - 1		
07608		XA348	46		XA150	56				16B	9			DB11A0	02	AC111A	01	2	TT3	D2		21A			
07609		XA150	56		XA127	26				16B	9			DB11A0	03	AY111A	01	1	TQ2	D1		26A			
G7610		XA127	26							16B	9			DB11A0	04	AQ111A	01	1	TT3	B1		14A			
														****	SIGNAL	DB11DB			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 ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PIN	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	LEN											
21698		XA302	25		XA325	75					168	9									
07612		XA325	75		XA326	75				P	DB110B	01	DT11AD	02	DB110B	04	1	TLD	F1	37B	
07613		XA326	75		XA327	75				P	DM111D	03	DB110B	06	1	TLD	F1		37B		
07614		XA327	75		XA328	75				P	DM110D	04	DB110B	05	1	TLD	F1		37B		
07615		XA328	75		XA329	75				P	DG110D	05	DB110B	07	1	TLD	F1		37B		
07616		XA329	75		XA330	75				P	DA11YD	06	DB110B	13	1	TLD	F1		37B	TAY REG. TO BUS -	
07617		XA330	75		XA331	75				P	DA11YD	07	DB110B	12	1	TLD	F1		37B	TEXCLUSIVE OR TO B	
07618		XA331	75		XA332	75				P	DA11QD	08	DB110B	11	1	TLD	F1		37B	TAQ REG. TO BUS -	
07619		XA332	75		XA333	75				P	DA11GD	09	DB110B	10	1	TLD	F1		37B	TLGCL AND TO BUS -	
07620		XA333	75		XA334	75				P	DA11DD	10	DB110B	09	1	TLD	F1		37B	TADDER TO BUS - 11	
07621		XA334	75		XA335	79				P	DA11CD	11	DB110B	08	1	TLD	F1		37B	TAC REG. TO BUS -	
07622		XA335	79		XA336	77					DB110B	12	DB11A0	01	1	TQ2	F1		39B	DATA BUS- 11	
07623		XA336	77		XA341	17					DB110B	13	DB11M0	01	2	TQ2	F1		38B	DATA BUS- 11	
07624		XA341	17		XA342	19					DB110B	14	DB11GA	01	3	TT3	B2		08B	DATA BUS- 11	
07625		XA342	19								DB110B	15				RR4	B5				
07628		XA547	38		XA546	23					DB11GA	01	GC045A	01	3	TT3	C1		18A		
07629		XA546	23		XA341	19					DB11GA	02	GR11V0	01	1	TQ2	B4		11B		
07630		XA341	19								DB11GA	03	DB11GA	00	1	TT3	B2		09B		
07635		XA518	34		XA415	43					DB11M0	01	MD150A	01	2	TQ2	C2		16A		
07636		XA415	43		XA336	75					DB11M0	02	MD075A	01	2	TQ2	D3		23B		
07637		XA336	75		XA314	79					DB11M0	03	DB11M0	00	1	TQ2	F1		37B		
07638		XA314	79								DB11M0	04	TB11T0	01	1	TLD	F1		39B		
07641		XA335	63		XA348	61					DB12A0	01	DB12A0	00	1	TQ2	E4		33B	DATA BUS RCVR - 1	
07642		XA348	61		XA150	49					DB12A0	02	AC121A	01	3	TT3	E3		32B		
07643		XA150	49		XA127	42					DB12A0	03	AY121A	01	2	TQ2	D4		26B		
07644		XA127	42								DB12A0	04	AQ121A	01	1	TT3	C1		20A		
21700		XA302	27		XA325	63					DB120B	01				EXT					
07646		XA325	63		XA326	63				P	DT12AD	02	DB120B	04	1	TLD	E4		33B		
07647		XA326	63		XA327	63				P	DM121D	03	DB120B	06	1	TLD	E4		33B		
07648		XA327	63		XA328	63				P	DM120D	04	DB120B	05	1	TLD	E4		33B		
07649		XA328	63		XA329	63				P	DG120D	05	DB120B	07	1	TLD	E4		33B		
07650		XA329	63		XA330	63				P	DA12YD	06	DB120B	13	1	TLD	E4		33B	TAY REG. TO BUS -	
07651		XA330	63		XA331	63				P	DA12TD	07	DB120B	12	1	TLD	E4		33B	TEXCLUSIVE OR TO B	
07652		XA331	63		XA332	63				P	DA12QD	08	DB120B	11	1	TLD	E4		33B	TAQ REG. TO BUS -	
07653		XA332	63		XA333	63				P	DA12GD	09	DB120B	10	1	TLD	E4		33B	TLGCL AND TO BUS -	
07654		XA333	63		XA334	63				P	DA12DD	10	DB120B	09	1	TLD	E4		33B	TADDER TO BUS - 12	
07655		XA334	63		XA335	61					DB120B	11	DB120B	08	1	TLD	E4		33B	TAC REG. TO BUS -	
07656		XA335	61		XA336	59					DB120B	12	DB12A0	01	2	TQ2	E4		32B	DATA BUS- 12	
07657		XA336	59		XA341	22					DB120B	13	DB12M0	01	1	TQ2	E4		31B	DATA BUS- 12	
07658		XA341	22		XA342	23					DB120B	14	DB12GA	01	3	TT3	B1		12A	DATA BUS- 12	
07659		XA342	23								DB120B	15				RR4	C3				
07662		XA547	37		XA546	36					DB12GA	01	GC047A	01	3	TT3	C3		18B		
07663		XA546	36		XA341	20					DB12GA	02	GR12V0	01	1	TQ2	C2		17A		
07664		XA341	20								DB12GA	03	DB12GA	00	1	TT3	B1		11A		
											****	SIGNAL	(DB12M0)			S ON THE	NEXT PAGE	****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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DB12M0

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RECORD NUMBER	FROM				TO				WIRE	SIGNAL	SFD NO	EQUATION	X TERM	FACTOR	CNT OR CHIP TYPE	POL	LOCAL OR PWR PLAN	TEST POINTS ANAL.	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	POL	PREFIX	CONNECTOR	PIN	POL													
07669		XA518	54			XA415	70		16B 9		DB12M0	01	MD153A	01	2	TQ2	D1	25A			
07670		XA415	70			XA336	63		16B 9		DB12M0	02	MD077A	01	1	TQ2	E1	33A			
07671		XA336	63			XA314	61		16B 9		DB12M0	03	DB12M0	00	1	TQ2	E4	33B			
07672		XA314	61						16B 9		DB12M0	04	TB12TD	01	2	TLD	E4	32B			
07673		XA335	57			XA344	06		16B 9		DB13A0	01	DB13A0	00	1	TQ2	E3	30B	DATA BUS RCVR - 1		
07674		XA344	06			XA150	55		16B 9		DB13A0	02	AC131A	01	3	TT3	A1	05A			
07675		XA150	55			XA127	52		16B 9		DB13A0	03	AY131A	01	2	TQ2	E3	29B			
07676		XA127	52						16B 9		DB13A0	04	AQ131A	01	3	TT3	D1	24A			
21702		XA302	29			XA325	57		16B 9		DB13DB	01				EXT					
07678		XA325	57			XA326	57		16B 9	P	DT13AD	02	DB13DB	04	1	TLD	E3	30B			
07679		XA326	57			XA327	57		16B 9	P	DM131D	03	DB13DB	06	1	TLD	E3	30B			
07680		XA327	57			XA328	57		16B 9	P	DM130D	04	DB13DB	05	1	TLD	E3	30B			
07681		XA328	57			XA329	57		16B 9	P	DGI30D	05	DB13DB	07	1	TLD	E3	30B			
07682		XA329	57			XA330	57		16B 9	P	DA13YD	06	DB13DB	13	1	TLD	E3	30B	TAY REG. TO BUS -		
07683		XA330	57			XA331	57		16B 9	P	DA13TD	07	DB13DB	12	1	TLD	E3	30B	TEXCLUSIVE OR TO B		
07684		XA331	57			XA332	57		16B 9	P	DA130D	08	DB13DB	11	1	TLD	E3	30B	TAQ REG. TO BUS -		
07685		XA332	57			XA333	57		16B 9	P	DA13GD	09	DB13DB	10	1	TLD	E3	30B	TLGCL AND TO BUS -		
07686		XA333	57			XA334	57		16B 9	P	DA130D	10	DB13DB	09	1	TLD	E3	30B	TADDER TO BUS - 13		
07687		XA334	57			XA335	55		16B 9	P	DA130D	11	DB13DB	08	1	TLD	E3	30B	TAC REG. TO BUS -		
07688		XA335	55			XA336	53		16B 9		DB13DB	12	DB13A0	01	2	TQ2	E3	29B	DATA BUS- 13		
07689		XA336	53			XA341	13		16B 9		DB13DB	13	DB13M0	01	1	TQ2	E3	28B	DATA BUS- 13		
07690		XA341	13			XA342	10		16B 9		DB13DB	14	DB13GA	01	3	TT3	A3	06B	DATA BUS- 13		
07691		XA342	10						16B 9		DB13DB	15				RR4	A2				
07694		XA547	48			XA546	37		16B 9		DB13GA	01	GC049A	01	1	TT3	C2	22A			
07695		XA546	37			XA341	15		16B 9		DB13GA	02	GR13V0	01	2	TQ2	C4	18B			
07696		XA341	15						16B 9		DB13GA	03	DB13GA	00	1	TT3	A3	07B			
07701		XA518	47			XA415	55		16B 9		DB13M0	01	MD156A	01	1	TQ2	D4	25B			
07702		XA415	55			XA336	57		16B 9		DB13M0	02	MD079A	01	2	TQ2	E3	29B			
07703		XA336	57			XA314	55		16B 9		DB13M0	03	DB13M0	00	1	TQ2	E3	30B			
07704		XA314	55						16B 9		DB13M0	04	TB13TD	01	2	TLD	E3	29B			
07707		XA335	60			XA344	14		16B 9		DB14A0	01	DB14A0	00	1	TQ2	E2	28A	DATA BUS RCVR - 1		
07708		XA344	14			XA150	73		16B 9		DB14A0	02	AC141A	01	2	TT3	B2	09A			
07709		XA150	73			XA126	06		16B 9		DB14A0	03	AY141A	01	1	TQ2	F2	36B			
07710		XA126	06						16B 9		DB14A0	04	AQ141A	01	3	TT3	A1	05A			
21704		XA302	31			XA325	60		16B 9		DB14DB	01				EXT					
07712		XA325	60			XA326	60		16B 9	P	DT14AD	02	DB14DB	03	1	TLD	E2	28A			
07713		XA326	60			XA327	60		16B 9	P	DM141D	03	DB14DB	05	1	TLD	E2	28A			
07714		XA327	60			XA328	60		16B 9	P	DM140D	04	DB14DB	04	1	TLD	E2	28A			
07715		XA328	60			XA329	60		16B 9	P	OG140D	05	DB14DB	06	1	TLD	E2	28A			
07716		XA329	60			XA330	60		16B 9	P	DA14YD	06	DB14DB	12	1	TLD	E2	28A	TAY REG. TO BUS -		
07717		XA330	60			XA331	60		16B 9	P	DA14TD	07	DB14DB	11	1	TLD	E2	28A	TEXCLUSIVE OR TO B		
07718		XA331	60			XA332	60		16B 9	P	DA14QD	08	DB14DB	10	1	TLD	E2	28A	TAQ REG. TO BUS -		
07719		XA332	60			XA333	60		16B 9	P	DA14GD	09	DB14DB	09	1	TLD	E2	28A	TLGCL AND TO BUS -		
07720		XA333	60			XA334	60		16B 9	P	DA140D	10	DB14DB	08	1	TLD	E2	28A	TADDER TO BUS - 14		
										****	SIGNAL	(DB14DB)	S ON THE NEXT PAGE				****				

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RECORD NUMBER	FROM			TO			WIRE			MULTI GROUP	CODE	COL 39	IDENT	SPEC INST WISE	SIGNAL	SEQ NO	EQUATION	TURN	FACTOR	CKT OR CHMP TYPE	PLAN	LOAD OR POWER PLANE	TEST POINTS END OF	SIGNAL DESCRIPTION	FCO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	168	9	P																
07721		XA334	60		XA335	64	168	9							DA14CD	11	DB14DB	07	1	TLD	E2	28A	TAC REG. TO BUS -		
07722		XA335	64		XA336	62	168	9							DB14DB	12	DB14AO	01	1	TQ2	E2	30A	DATA BUS- 14		
07723		XA336	62		XA341	01	168	9							DB14DB	13	DB14M0	01	2	TQ2	E2	29A	DATA BUS- 14		
07724		XA341	01		XA342	05	168	9							DB14DB	14	DB14GA	01	2	TT3	A2	02B	DATA BUS- 14		
07725		XA342	05				168	9							DB14DB	15				RR4	A3				
07728		XA547	66		XA546	50	168	9							DB14GA	01	GC051A	01	3	TT3	E1	31A			
07729		XA546	50		XA341	07	168	9							DB14GA	02	GR14V0	01	1	TQ2	D2	23A			
0773C		XA341	07				168	9							DB14GA	03	DB14GA	00	1	TT3	A2	03A			
07735		XA518	53		XA415	79	168	9							DB14M0	01	MD159A	01	1	TQ2	E3	28B			
07736		XA415	79		XA336	60	168	9							DB14M0	02	MD081A	01	1	TQ2	F1	39B			
07737		XA336	60		XA314	64	168	9							DB14M0	03	DB14M0	00	1	TQ2	E2	28A			
07738		XA314	64				168	9							DB14M0	04	TB14TD	01	1	TLD	E2	30A			
07741		XA335	66		XA344	37	168	9							DB15A0	01	DB15A0	00	1	TQ2	E1	31A	DATA BUS RCVR - 1		
07742		XA344	37		XA146	10	168	9							DB15A0	02	AC151A	01	3	TT3	C3	18B			
07743		XA146	10		XA126	22	168	9							DB15A0	03	AY151A	01	1	TQ2	A1	07A			
07744		XA126	22				168	9							DB15A0	04	AQ151A	01	3	TT3	B1	12A			
21706		XA302	33		XA325	66	168	9							DB15DB	01				EXT					
07746		XA325	66		XA326	66	168	9							DT15AD	02	DB15DB	03	1	TLD	E1	31A			
07747		XA326	66		XA327	66	168	9							DM151D	03	DB15DB	05	1	TLD	E1	31A			
07748		XA327	66		XA328	66	168	9							DM150D	04	DB15DB	04	1	TLD	E1	31A			
07749		XA328	66		XA329	66	168	9							DC150D	05	DB15DB	06	1	TLD	E1	31A			
07750		XA329	66		XA330	66	168	9							DA15YD	06	DB15DB	12	1	TLD	E1	31A	TAY REG. TO BUS -		
07751		XA330	66		XA331	66	168	9							DA15TD	07	DB15DB	11	1	TLD	E1	31A	TEXCLUSIVE OR TO B		
07752		XA331	66		XA332	66	168	9							DA15QD	08	DB15DB	10	1	TLD	E1	31A	TAQ REG. TO BUS -		
07753		XA332	66		XA333	66	168	9							DA15GD	09	DB15DB	09	1	TLD	E1	31A	YLGCL AND TO BUS -		
07754		XA333	66		XA334	66	168	9							DA15DD	10	DB15DB	08	1	TLD	E1	31A	TADDER TO BUS - 15		
07755		XA334	66		XA335	70	168	9							DA15CD	11	DB15DB	07	1	TLD	E1	31A	TAC REG. TO BUS -		
07756		XA335	70		XA336	68	168	9							DB15DB	12	DB15AO	01	1	TQ2	E1	33A	DATA BUS- 15		
07757		XA336	68		XA341	06	168	9							DB15DB	13	DB15M0	01	2	TQ2	E1	32A	DATA BUS- 15		
07758		XA341	06		XA342	08	168	9							DB15DB	14	DB15GA	01	3	TT3	A1	05A	DATA BUS- 15		
07759		XA342	08				168	9							DB15DB	15				RR4	A1				
07762		XA547	61		XA546	49	168	9							DB15GA	01	GC053A	01	3	TT3	E3	32B			
07763		XA546	49		XA341	04	168	9							DB15GA	02	GR15V0	01	2	TQ2	D4	26B			
07764		XA341	04				168	9							DB15GA	03	DB15GA	00	1	TT3	A1	04A			
07769		XA518	74		XA415	74	168	9							DB15M0	01	MD163A	01	2	TQ2	F3	35B			
07770		XA415	74		XA336	66	168	9							DB15M0	02	MD083A	01	2	TQ2	F3	35B			
07771		XA336	66		XA314	68	168	9							DB15M0	03	DB15M0	00	1	TQ2	E1	31A			
07772		XA314	68				168	9							DB15M0	04	TB15TD	01	2	TLD	E1	32A			
07775		XA344	76		XA344	72	168	9							DB16A0	01	AC157A	01	2	TT3	F3	37A			
07776		XA344	72		XA344	70	168	9							DB16A0	02	AC077A	01	2	TT3	F2	34A			
07777		XA344	70		XA335	51	168	9							DB16A0	03	AC161A	01	1	TT3	E1	33A			
07778		XA335	51		XA126	38	168	9							DB16A0	04	DB16A0	00	1	TQ2	O4	27B	DATA BUS RCVR - 1		
07779		XA126	38		XA146	13	168	9							DB16A0	05	AQ161A	01	3	TT3	C1	18A			
														****	SIGNAL	DB16A0		S ON THE		NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE												COLOR	IDENT
07780		XA146	13		XA148	06			168	9									06B			
07781		XA148	06		XA149	50			168	9									05A			
07782		XA149	50						168	9									23A			
21708		XA302	35		XA321	51			168	9												
07784		XA321	51		XA421	68			168	9	P	DB16AD	02	DB16DB	06	1	TLO	D4	27B	002		
07804		XA421	68		XA322	51			168	9		DB16DB	025	MA0081	01	1	T00	J1	32A	002		
07785		XA322	51		XA323	51			168	9	P	DM164D	03	DB16DB	19	1	TLO	D4	27B			
07786		XA323	51		XA324	51			168	9	P	DM163D	04	DB16DB	18	1	TLO	D4	27B			
07787		XA324	51		XA325	51			168	9	P	DM162D	05	DB16DB	17	1	TLO	D4	27B			
07788		XA325	51		XA326	51			168	9	P	DM161D	06	DB16DB	16	1	TLO	D4	27B			
07789		XA326	51		XA327	51			168	9	P	DM160D	07	DB16DB	15	1	TLO	D4	27B			
07790		XA327	51		XA328	51			168	9	P	UG161D	08	DB16DB	08	1	TLD	D4	27B			
07791		XA328	51		XA329	51			168	9	P	DG160D	09	DB16DB	07	1	TLO	D4	27B			
07792		XA329	51		XA330	51			168	9	P	DA16YD	10	DB16DB	14	1	TLO	D4	27B			
07793		XA330	51		XA331	51			168	9	P	DA16TD	11	DB16DB	13	1	TLO	D4	27B	TAY REG. TO BUS - EXCLUSIVE OR TO B		
07794		XA331	51		XA332	51			168	9	P	DA16QD	12	DB16DB	12	1	TLO	D4	27B	TAY REG. TO BUS -		
07795		XA332	51		XA333	51			168	9	P	DA16GD	13	DB16DB	11	1	TLO	D4	27B	TLGCL AND TO BUS -		
07796		XA333	51		XA334	51			168	9	P	DA16DD	14	DB16DB	10	1	TLO	D4	27B	TADDER TO BUS - 18		
07797		XA334	51		XA335	49			168	9	P	DA16CD	15	DB16DB	09	1	TLO	D4	27B	TAC REG. TO BUS -		
07798		XA335	49		XA336	49			168	9		DB16DB	16	DB16A0	01	2	TQ2	D4	26B	DATA BUS- 16		
07799		XA336	49		XA339	79			168	9		DB16DB	17	DB16M0	01	2	TQ2	D4	26B	DATA BUS- 16		
07800		XA339	79		XA340	79			168	9		DB16DB	18	DB16HA	01	1	TT3	F1	39B	DATA BUS- 16		
07801		XA340	79		XA341	78			168	9		DB16DB	19	DB16GA	01	1	TT3	F1	39B	DATA BUS- 16		
07802		XA341	78		XA342	62			168	9		DB16DB	20	DB16NA	01	3	TT3	F3	38A	DATA BUS- 16		
07803		XA342	62						168	9		DB16DB	21				RR4	F1		002		
07809		XA544	04		XA545	01			168	9		DB16GA	01	GR00V0	01	1	TQ2	A2	04A			
07810		XA545	01		XA340	73			168	9		DB16GA	02	GC016A	01	2	TT3	A2	02B			
07811		XA340	73						168	9		DB16GA	03	DB16GA	00	1	TT3	F1	36B			
07812		XA548	05		XA339	73			168	9		DB16HA	01	GR16V0	01	2	TQ2	A2	03B			
07813		XA339	73		XA338	30			168	9		DB16HA	02	DB16HA	00	1	TT3	F1	36B			
07814		XA338	30						168	9		DB16HA	03	GC059A	01	2	TT3	C2	15A			
07815		XA517	03		XA414	42			168	9		DB16M0	01	MD167A	01	1	TQ2	A3	02A			
07816		XA414	42		XA417	04			168	9		DB16M0	02	MD085A	01	1	TQ2	C1	20A			
07817		XA417	04		XA336	51			168	9		DB16M0	03	MD046A	01	1	TQ2	A2	04A			
07818		XA336	51		XA314	47			168	9		DB16M0	04	DB16M0	00	1	TQ2	D4	27B			
07819		XA314	47						168	9		DB16M0	05	TB16T0	01	1	TLO	D4	25B			
07820		XA433	10		XA435	06			168	9		DB16NA	01	MB00V0	01	1	TQ2	A1	07A			
07821		XA435	06		XA341	80			168	9		DB16NA	02	MC016A	01	3	TT3	A1	05A			
07822		XA341	80						168	9		DB16NA	03	DB16NA	00	1	TT3	F3	39A			
07825		XA335	45		XA249	18			168	9		DB17A0	01	DB17A0	00	1	TQ2	D3	24B	DATA BUS RCVR - 1		
07826		XA249	18		XA146	19			168	9		DB17A0	02	AC171A	01	1	TT3	B2	10A			
07827		XA146	19		XA126	56			168	9		DB17A0	03	AY171A	01	2	TQ2	B3	09B			
07828		XA126	56						168	9		DB17A0	04	AQ171A	01	1	TT3	D1	26A			
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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	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
21710		XA302	37		XA321	45		16B	9			P	DB170B	01			EXT						
07830		XA321	45		XA326	45		16B	9				DT17AD	02	DB170B	05	1	TLD	D3		24B		
07831		XA326	45		XA322	45		16B	9			P	DM170D	03	DB170B	14	1	TLD	D3		24B		
07832		XA322	45		XA422	68		16B	9			P	DM174D	04	DB170B	18	1	TLD	D3		24B		
07850		XA422	68		XA323	45		16B	9				DB170B	045	MA01B1	01	1	TOD	J1		32A	DATA BUS- 17	
07833		XA323	45		XA324	45		16B	9			P	DM173D	05	DB170B	17	1	TLD	D3		24B	002	
07834		XA324	45		XA325	45		16B	9			P	DM172D	06	DB170B	16	1	TLD	D3		24B		
07835		XA325	45		XA327	45		16B	9			P	DM171D	07	DB170B	15	1	TLD	D3		24B		
07836		XA327	45		XA328	45		16B	9			P	DG171D	08	DB170B	07	1	TLD	D3		24B		
07837		XA328	45		XA329	45		16B	9			P	DG170D	09	DB170B	06	1	TLD	D3		24B		
07838		XA329	45		XA330	45		16B	9			P	DA17YD	10	DB170B	13	1	TLD	D3		24B	TAY REG. TO BUS -	
07839		XA330	45		XA331	45		16B	9			P	DA17TD	11	DB170B	12	1	TLD	D3		24B	TEXCLUSIVE OR TO B	
07840		XA331	45		XA332	45		16B	9			P	DA17QD	12	DB170B	11	1	TLD	D3		24B	TAY REG. TO BUS -	
07841		XA332	45		XA333	45		16B	9			P	DA17GD	13	DB170B	10	1	TLD	D3		24B	TLGCL AND TO BUS -	
07842		XA333	45		XA334	45		16B	9			P	DA17DD	14	DB170B	09	1	TLD	D3		24B	TADDER TO BUS - 17	
07843		XA334	45		XA335	43		16B	9			P	DA17CD	15	DB170B	08	1	TLD	D3		24B	TAC REG. TO BUS -	
07844		XA335	43		XA336	43		16B	9				DB170B	16	DB17AO	01	2	TQ2	D3		23B	DATA BUS- 17	
07845		XA336	43		XA339	61		16B	9				DB170B	17	DB17MO	01	2	TQ2	D3		23B	DATA BUS- 17	
07846		XA339	61		XA340	61		16B	9				DB170B	18	DB17HA	01	3	TT3	E3		32B	DATA BUS- 17	
07847		XA340	61		XA341	72		16B	9				DB170B	19	DB17GA	01	3	TT3	E3		32B	DATA BUS- 17	
07848		XA341	72		XA342	56		16B	9				DB170B	20	DB17NA	01	2	TT3	F2		34A	DATA BUS- 17	
07849		XA342	56					16B	9				DB170B	21				RR4	F2				002
07855		XA545	22		XA544	11		16B	9				DB17GA	01	GC018A	01	3	TT3	B1		12A		
07856		XA544	11		XA340	63		16B	9				DB17GA	02	GR01V0	01	1	TQ2	A4		05B		
07857		XA340	63					16B	9				DB17GA	03	DB17GA	00	1	TT3	E3		33B		
07858		XA548	11		XA339	63		16B	9				DB17HA	01	GR17V0	01	1	TQ2	A4		05B		
07859		XA339	63		XA338	38		16B	9				DB17HA	02	DB17HA	00	1	TT3	E3		33B		
07860		XA338	38					16B	9				DB17HA	03	GC060A	01	3	TT3	C1		16A		
07863		XA517	19		XA414	31		16B	9				DB17MO	01	MD171A	01	2	TQ2	B3		09B		
07864		XA414	31		XA417	24		16B	9				DB17MO	02	MD087A	01	2	TQ2	C3		15B		
07865		XA417	24		XA336	45		16B	9				DB17MO	03	MD049A	01	2	TQ2	B1		13A		
07866		XA336	45		XA314	43		16B	9				DB17MO	04	DB17MO	00	1	TQ2	D3		24B		
07867		XA314	43					16B	9				DB17MO	05	TB17TD	01	2	TLD	D3		23B		
07868		XA433	05		XA435	03		16B	9				DB17NA	01	MB01V0	01	2	TQ2	A2		03B		
07869		XA435	03		XA341	74		16B	9				DB17NA	02	MC017A	01	3	TT3	A2		02A		
07870		XA341	74					16B	9				DB17NA	03	DB17NA	00	1	TT3	F2		35B		
07871		XA335	46		XA249	37		16B	9				DB18AO	01	DB18AO	00	1	TQ2	D2		21A	DATA BUS RCVR - 1	
07872		XA249	37		XA146	36		16B	9				DB18AO	02	AC181A	01	3	TT3	C3		18B		
07873		XA146	36		XA126	66		16B	9				DB18AO	03	AY181A	01	1	TQ2	C2		17A		
07874		XA126	66					16B	9				DB18AO	04	AQ181A	01	3	TT3	E1		31A		
21712		XA302	39		XA321	46		16B	9				DB180B	01				EXT					
07876		XA321	46		XA322	46		16B	9			P	DT18AD	02	DB180B	06	1	TLD	D2		21A		
07877		XA322	46		XA323	46		16B	9			P	DM184D	03	DB180B	19	1	TLD	D2		21A		
07878		XA323	46		XA423	68		16B	9			P	DM183Q	04	DB180B	18	1	TLD	D2		21A	002	
								****			SIGNAL		DB180B		IS ON THE		NEXT PAGE		****				



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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
07896		XA423	68		XA324	46		168	9				DB180S	045	MA028I	01	1	TDD	J1		32A		002	
07879		XA324	46		XA325	46		168	9				DM182D	05	DB180B	17	1	TLD	D2		21A			
07880		XA325	46		XA326	46		168	9				DM181D	06	DB180B	16	1	TLD	D2		21A			
07881		XA326	46		XA327	46		168	9				DM180D	07	DB180B	15	1	TLD	D2		21A			
07882		XA327	46		XA328	46		168	9				DG181D	08	DB180B	08	1	TLD	D2		21A			
07883		XA328	46		XA329	46		168	9				DG180D	09	DB180B	07	1	TLD	D2		21A			
07884		XA329	46		XA330	46		168	9				DA18YD	10	DB180B	14	1	TLD	D2		21A			
07885		XA330	46		XA331	46		168	9				DA18TD	11	DB180B	13	1	TLD	D2		21A			
07886		XA331	46		XA332	46		168	9				DA18QD	12	DB180B	12	1	TLD	D2		21A			
07887		XA332	46		XA333	46		168	9				DA18GD	13	DB180B	11	1	TLD	D2		21A			
07888		XA333	46		XA334	46		168	9				DA18DD	14	DB180B	10	1	TLD	D2		21A			
07889		XA334	46		XA335	50		168	9				DA18CD	15	DB180B	09	1	TLD	D2		21A			
07890		XA335	50		XA336	50		168	9				DB180B	16	DB18A0	01	1	TQ2	D2		23A			
07891		XA336	50		XA339	62		168	9				DB180B	17	DB18M0	01	1	TQ2	D2		23A			
07892		XA339	62		XA340	62		168	9				DB180B	18	DB18HA	01	1	TT3	E2		29A			
07893		XA340	62		XA340	78		168	9				DB180B	19	DB18GA	01	1	TT3	E2		29A			
07894		XA340	78		XA342	63		168	9				DB180B	20	DB18NA	01	3	TT3	F3		38A			
07895		XA342	63					168	9				DB180B	21				RR4	G4				002	
07901		XA545	25		XA544	18		168	9				DB18GA	01	GC020A	01	3	TT3	B3		12B			
07902		XA544	18		XA340	55		168	9				DB18GA	02	GR02V0	01	2	TQ2	B2		10A			
07903		XA340	55					168	9				DB18GA	03	DB18GA	00	1	TT3	E2		29B			
07904		XA548	18		XA339	55		168	9				DB18HA	01	GR18V0	01	2	TQ2	B2		10A			
07905		XA339	55		XA338	23		168	9				DB18HA	02	DB18HA	00	1	TT3	E2		29B			
07906		XA338	23					168	9				DB18HA	03	GC061A	01	2	TT3	B3		11B			
07911		XA517	29		XA414	56		168	9				DB18M0	01	MD175A	01	1	TQ2	C3		14B			
07912		XA414	56		XA417	25		168	9				DB18M0	02	MD089A	01	1	TQ2	D1		26A			
07913		XA417	25		XA336	46		168	9				DB18M0	03	MD052A	01	2	TQ2	B4		12B			
07914		XA336	46		XA314	48		168	9				DB18M0	04	DB18M0	00	1	TQ2	D2		21A			
07915		XA314	48					168	9				DB18M0	05	T818TD	01	2	TLD	D2		22A			
07916		XA433	07		XA435	13		168	9				DB18NA	01	M802V0	01	2	TQ2	A3		03A			
07917		XA435	13		XA340	80		168	9				DB18NA	02	MC018A	01	3	TT3	A3		06B			
07918		XA340	80					168	9				DB18NA	03	DB18NA	00	1	TT3	F3		39A			
07919		XA335	52		XA249	66		168	9				DB19A0	01	DB19A0	00	1	TQ2	D1		24A			
07920		XA249	66		XA146	56		168	9				DB19A0	02	AC191A	01	3	TT3	E1		31A			
07921		XA146	56		XA126	79		168	9				DB19A0	03	AY191A	01	1	TQ2	D1		26A			
07922		XA126	79					168	9				DB19A0	04	AQ191A	01	1	TT3	F1		39B			
21714		XA302	41		XA321	52		168	9				DB19DB	01				EXT						
07924		XA321	52		XA322	52		168	9				DT19AD	02	DB19DB	06	1	TLD	D1		24A			
07925		XA322	52		XA323	52		168	9				DM1940	03	DB19DB	19	1	TLD	D1		24A			
07926		XA323	52		XA324	52		168	9				DM1930	04	DB19DB	18	1	TLD	D1		24A			
07927		XA324	52		XA424	68		168	9				DM1920	05	DB19DB	17	1	TLD	D1		24A		002	
07944		XA424	68		XA325	52		168	9				DB19DB	055	MA038I	01	1	TDD	J1		32A		002	
07928		XA325	52		XA326	52		168	9				DM191D	06	DB19DB	16	1	TLD	D1		24A			
07929		XA326	52		XA327	52		168	9				DM190D	07	DB19DB	15	1	TLD	D1		24A			
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE													COLOR
07930		XA327	52		XA328	52			168	9		P	DG191D	08	DB19DB	08	1	TLD	D1	24A		
07931		XA328	52		XA329	52			168	9		P	DG190D	09	DB19DB	07	1	TLD	D1	24A		
07932		XA329	52		XA330	52			168	9		P	DA19YD	10	DB19DB	14	1	TLD	D1	24A	TAY REG. TO BUS -	
07933		XA330	52		XA331	52			168	9		P	DA19TD	11	DB19DB	13	1	TLD	D1	24A	TEXCLUSIVE OR TO B	
07934		XA331	52		XA332	52			168	9		P	DA19QD	12	DB19DB	12	1	TLD	D1	24A	TAQ REG. TO BUS -	
07935		XA332	52		XA333	52			168	9		P	DA19GD	13	DB19DB	11	1	TLD	D1	24A	TLGL AND TO BUS -	
07936		XA333	52		XA334	52			168	9		P	DA19DD	14	DB19DB	10	1	TLD	D1	24A	TADDER TO BUS - 19	
07937		XA334	52		XA335	56			168	9		P	DA19CD	15	DB19DB	09	1	TLD	D1	24A	TAC REG. TO BUS -	
07938		XA335	56		XA336	56			168	9			DB19DB	16	DB19A0	01	1	TQ2	D1	26A	DATA BUS- 19	
07939		XA336	56		XA339	66			168	9			DB19DB	17	DB19M0	01	1	TQ2	D1	26A	DATA BUS- 19	
07940		XA339	66		XA340	65			168	9			DB19DB	18	DB19HA	01	3	TT3	E1	31A	DATA BUS- 19	
07941		XA340	65		XA340	68			168	9			DB19DB	19	DB19NA	01	3	TT3	F2	34B	DATA BUS- 19	
07942		XA340	68		XA342	55			168	9			DB19DB	20	DB19GA	01	2	TT3	E1	32A	DATA BUS- 19	
07943		XA342	55						168	9			DB19DB	21				RR4	F3			002
07949		XA545	30		XA544	25			168	9			DB19GA	01	GC022A	01	2	TT3	C2	15A		
07950		XA544	25		XA340	64			168	9			DB19GA	02	GR03V0	01	2	TQ2	B4	12B		
07951		XA340	64						168	9			DB19GA	03	DB19GA	00	1	TT3	E1	30A		
07952		XA548	23		XA339	64			168	9			DB19HA	01	GR19V0	01	1	TQ2	B4	11B		
07953		XA339	64		XA338	17			168	9			DB19HA	02	DB19HA	00	1	TT3	E1	30A		
07954		XA338	17						168	9			DB19HA	03	GC062A	01	3	TT3	B2	08B		
07959		XA517	48		XA414	43			168	9			DB19M0	01	M0178A	01	2	TQ2	D2	22A		
07960		XA414	43		XA417	31			168	9			DB19M0	02	M0091A	01	2	TQ2	D3	23B		
07961		XA417	31		XA336	52			168	9			DB19M0	03	M0055A	01	2	TQ2	C3	15B		
07962		XA336	52		XA314	56			168	9			DB19M0	04	DB19M0	00	1	TQ2	D1	24A		
07963		XA314	56						168	9			DB19M0	05	TB19TD	01	1	TLD	D1	26A		
07964		XA435	22		XA433	13			168	9			DB19NA	01	MC019A	01	3	TT3	B1	12A		
07965		XA433	13		XA340	74			168	9			DB19NA	02	M803V0	01	2	TQ2	A4	06B		
07966		XA340	74						168	9			DB19NA	03	DB19NA	00	1	TT3	F2	35B		
07967		XA335	39		XA249	71			168	9			DB20A0	01	DB20A0	00	1	TQ2	C4	19B	DATA BUS RCVR - 2	
07968		XA249	71		XA146	49			168	9			DB20A0	02	AC201A	01	1	TT3	F2	36A		
07969		XA146	49		XA125	06			168	9			DB20A0	03	AY201A	01	2	TQ2	D4	26B		
07970		XA125	06						168	9			DB20A0	04	AQ201A	01	3	TT3	A1	05A		
21716		XA302	43		XA321	39			168	9			DB20DB	01				EXT				
07972		XA321	39		XA421	62			168	9		P	DT20AD	02	DB20DB	07	1	TLD	C4	19B		002
07992		XA421	62		XA322	39			168	9			DB20DB	025	MA04B1	01	1	TDD	K1	29A	DATA BUS- 20	002
07973		XA322	39		XA323	39			168	9		P	DM204D	03	DB20DB	20	1	TLD	C4	19B		
07974		XA323	39		XA324	39			168	9		P	DM203D	04	DB20DB	19	1	TLD	C4	19B		
07975		XA324	39		XA325	39			168	9		P	DM202D	05	DB20DB	18	1	TLD	C4	19B		
07976		XA325	39		XA326	39			168	9		P	DM201D	06	DB20DB	17	1	TLD	C4	19B		
07977		XA326	39		XA327	39			168	9		P	DM200D	07	DB20DB	16	1	TLD	C4	19B		
07978		XA327	39		XA328	39			168	9		P	DG201D	08	DB20DB	09	1	TLD	C4	19B		
07979		XA328	39		XA329	39			168	9		P	DG200D	09	DB20DB	08	1	TLD	C4	19B		
07980		XA329	39		XA330	39			168	9		P	DA20YD	10	DB20DB	15	1	TLD	C4	19B	TAY REG. TO BUS -	
07981		XA330	39		XA331	39			168	9		P	DA20TD	11	DB20DB	14	1	TLD	C4	19B	TEXCLUSIVE OR TO B	
									****	SIGNAL			DB20DB		S ON THE			NEXT PAGE	****			

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RECORD NUMBER	FROM				TO				WIRE			IPC TEST DESC	SIGNAL	SEQ NO	EQUATION	TEMP	FACOR	CMT OR CHIP TYPE	SNOP	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												
07982		XA331	39		XA332	39			16B	9			P	DA20QD	12	DB20DB	13	1	TLD	C4	19B	TAQ REG. TO BUS -	
07983		XA332	39		XA333	39			16B	9			P	DA20GD	13	DB20DB	12	1	TLD	C4	19B	TLGCL AND TO BUS -	
07984		XA333	39		XA334	39			16B	9			P	DA20DD	14	DB20DB	11	1	TLD	C4	19B	TADDER TO BUS - 20	
07985		XA334	39		XA335	35			16B	9			P	DA20CD	15	DB20DB	10	1	TLD	C4	19B	TAC REG. TO BUS -	
07986		XA335	35		XA336	37			16B	9				DB20DB	16	DB20A0	01	1	TQ2	C4	17B	DATA BUS- 20	
07987		XA336	37		XA339	49			16B	9				DB20DB	17	DB20M0	01	2	TQ2	C4	18B	DATA BUS- 20	
07988		XA339	49		XA339	78			16B	9				DB20DB	18	DB20HA	01	3	TT3	D3	28B	DATA BUS- 20	
07989		XA339	78		XA340	49			16B	9				DB20DB	19	DB20NA	01	3	TT3	F3	38A	DATA BUS- 20	
07990		XA340	49		XA342	46			16B	9				DB20DB	20	DB20GA	01	3	TT3	D3	28B	DATA BUS- 20	
07991		XA342	46						16B	9				DB20DB	21				RR4	D2			002
07997		XA549	42		XA544	34			16B	9				DB20GA	01	GC026A	01	1	TT3	C1	20A		
07998		XA544	34		XA340	51			16B	9				DB20GA	02	GR04V0	01	2	TQ2	C2	18A		
07999		XA340	51						16B	9				DB20GA	03	DB20GA	00	1	TT3	D3	27B		
08002		XA548	34		XA339	51			16B	9				DB20HA	01	GR20V0	01	2	TQ2	C2	16A		
08003		XA339	51		XA338	26			16B	9				DB20HA	02	DB20HA	00	1	TT3	D3	27B		
08004		XA338	26						16B	9				DB20HA	03	GC064A	01	1	TT3	B1	14A		
08009		XA517	68		XA414	70			16B	9				DB20M0	01	MD181A	01	2	TQ2	E1	32A		
08010		XA414	70		XA417	50			16B	9				DB20M0	02	M0093A	01	1	TQ2	E1	33A		
08011		XA417	50		XA336	39			16B	9				DB20M0	03	M0058A	01	1	TQ2	D2	23A		
08012		XA336	39		XA314	37			16B	9				DB20M0	04	DB20M0	00	1	TQ2	C4	19B		
08013		XA314	37						16B	9				DB20M0	05	TB20TD	01	2	TLD	C4	18B		
08014		XA433	24		XA435	17			16B	9				DB20NA	01	M804V0	01	2	TQ2	B1	13A		
08015		XA435	17		XA339	80			16B	9				DB20NA	02	MC020A	01	3	TT3	B2	08B		
08016		XA339	80						16B	9				DB20NA	03	DB20NA	00	1	TT3	F3	39A		
08019		XA335	33		XA248	09			16B	9				DB21A0	01	DB21A0	00	1	TQ2	C3	16B	DATA BUS RCVR - 2	
08020		XA248	09		XA146	55			16B	9				DB21A0	02	AC211A	01	1	TT3	A3	04B		
08021		XA146	55		XA125	22			16B	9				DB21A0	03	AY211A	01	2	TQ2	E3	29B		
08022		XA125	22						16B	9				DB21A0	04	AQ211A	01	3	TT3	B1	12A		
21718		XA302	45		XA321	33			16B	9				DB21DB	01								
08024		XA321	33		XA322	33			16B	9			P	DT21AD	02	DB21DB	07	1	TLD	C3	16B		
08025		XA322	33		XA422	62			16B	9			P	DM214D	03	DB21DB	20	1	TLD	C3	16B		002
08044		XA422	62		XA323	33			16B	9				DB21DB	035	MA0581	01	1	TDD	K1	29A	DATA BUS- 21	002
08026		XA323	33		XA324	33			16B	9			P	DM213D	04	DB21DB	19	1	TLD	C3	16B		
08027		XA324	33		XA325	33			16B	9			P	DM212D	05	DB21DB	18	1	TLD	C3	16B		
08028		XA325	33		XA326	33			16B	9			P	DM211D	06	DB21DB	17	1	TLD	C3	16B		
08029		XA326	33		XA327	33			16B	9			P	DM210D	07	DB21DB	16	1	TLD	C3	16B		
08030		XA327	33		XA328	33			16B	9			P	DG211D	08	DB21DB	09	1	TLD	C3	16B		
08031		XA328	33		XA329	33			16B	9			P	DG210D	09	DB21DB	08	1	TLD	C3	16B		
08032		XA329	33		XA330	33			16B	9			P	DA21YD	10	DB21DB	15	1	TLD	C3	16B	TAY REG. TO BUS -	
08033		XA330	33		XA331	33			16B	9			P	DA21TD	11	DB21DB	14	1	TLD	C3	16B	TEXCLUSIVE OR TO B	
08034		XA331	33		XA332	33			16B	9			P	DA21QD	12	DB21DB	13	1	TLD	C3	16B	TAQ REG. TO BUS -	
08035		XA332	33		XA333	33			16B	9			P	DA21GD	13	DB21DB	12	1	TLD	C3	16B	TLGCL AND TO BUS -	
08036		XA333	33		XA334	33			16B	9			P	DA21OD	14	DB21DB	11	1	TLD	C3	16B	TADDER TO BUS - 21	
08037		XA334	33		XA335	29			16B	9			P	DA21CD	15	DB21DB	10	1	TLD	C3	16B	TAC REG. TO BUS -	
									****	SIGNAL				DB21DB		IS ON THE					****		

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
08038		XA335	29		XA336	31		168	9			DB21DB	16	DB21A0	01	1	TQ2	C3		14B	DATA BUS- 21	
08039		XA336	31		XA339	48		168	9			DB21DB	17	DB21M0	01	2	TQ2	C3		15B	DATA BUS- 21	
08040		XA339	48		XA339	72		168	9			DB21DB	18	DB21HA	01	1	TT3	D2		22A	DATA BUS- 21	
08041		XA339	72		XA340	41		168	9			DB21DB	19	DB21NA	01	2	TT3	F2		34A	DATA BUS- 21	
08042		XA340	41		XA342	41		168	9			DB21DB	20	DB21GA	01	3	TT3	D2		22B	DATA BUS- 21	
08043		XA342	41					168	9			DB21DB	21				RR4	E5				002
08049		XA545	45		XA544	35		168	9			DB21GA	01	GC028A	01	1	TT3	D3		24B		
08050		XA544	35		XA340	43		168	9			DB21GA	02	GR05V0	01	1	TQ2	C4		17B		
08051		XA340	43					168	9			DB21GA	03	DB21GA	00	1	TT3	D2		23B		
08054		XA548	35		XA339	43		168	9			DB21HA	01	GR21V0	01	1	TQ2	C4		17B		
08055		XA339	43		XA338	13		168	9			DB21HA	02	DB21HA	00	1	TT3	D2		23B		
08056		XA338	13					168	9			DB21HA	03	GC065A	01	3	TT3	A3		06B		
08061		XA517	71		XA417	70		168	9			DB21M0	01	MD186A	01	2	TQ2	F2		36A		
08062		XA417	70		XA414	53		168	9			DB21M0	02	MD061A	01	1	TQ2	E1		33A		
08063		XA414	53		XA336	33		168	9			DB21M0	03	MD095A	01	1	TQ2	E3		28B		
08064		XA336	33		XA314	31		168	9			DB21M0	04	DB21M0	00	1	TQ2	C3		16B		
08065		XA314	31					168	9			DB21M0	05	TB21TD	01	2	TLD	C3		15B		
08066		XA433	20		XA435	23		168	9			DB21NA	01	MB05V0	01	1	TQ2	B2		11A		
08067		XA435	23		XA339	74		168	9			DB21NA	02	MC021A	01	2	TT3	B3		11B		
08068		XA339	74					168	9			DB21NA	03	DB21NA	00	1	TT3	F2		35B		
08069		XA335	30		XA248	38		168	9			DB22A0	01	DB22A0	00	1	TQ2	C2		15A	DATA BUS RCVR - 2	
08070		XA248	38		XA146	73		168	9			DB22A0	02	AC221A	01	3	TT3	C1		18A		
08071		XA146	73		XA125	42		168	9			DB22A0	03	AY221A	01	1	TQ2	F2		36B		
08072		XA125	42					168	9			DB22A0	04	AQ221A	01	1	TT3	C1		20A		
21720		XA302	47		XA321	30		168	9			DB22DB	01				EXT					
08074		XA321	30		XA322	30		168	9		P	DT22A0	02	DB22DB	07	1	TLD	C2		15A		
08075		XA322	30		XA323	30		168	9		P	DM2240	03	DB22DB	20	1	TLD	C2		15A		
08076		XA323	30		XA423	62		168	9		P	DM2230	04	DB22DB	19	1	TLD	C2		15A		002
08094		XA423	62		XA324	30		168	9			DB22DB	045	MA06B1	01	1	T00	K1		29A	DATA BUS- 22	002
08077		XA324	30		XA325	30		168	9		P	DM2220	05	DB22DB	18	1	TLD	C2		15A		
08078		XA325	30		XA326	30		168	9		P	DM2210	06	DB22DB	17	1	TLD	C2		15A		
08079		XA326	30		XA327	30		168	9		P	DM2200	07	DB22DB	16	1	TLD	C2		15A		
08080		XA327	30		XA328	30		168	9		P	DG2210	08	DB22DB	09	1	TLD	C2		15A		
08081		XA328	30		XA329	30		168	9		P	DG2200	09	DB22DB	08	1	TLD	C2		15A		
08082		XA329	30		XA330	30		168	9		P	DA22Y0	10	DB22DB	15	1	TLD	C2		15A	TAY REG. TO BUS -	
08083		XA330	30		XA331	30		168	9		P	DA22T0	11	DB22DB	14	1	TLD	C2		15A	TEXCLUSIVE OR TO B	
08084		XA331	30		XA332	30		168	9		P	DA22Q0	12	DB22DB	13	1	TLD	C2		15A	TAQ REG. TO BUS -	
08085		XA332	30		XA333	30		168	9		P	DA22G0	13	DB22DB	12	1	TLD	C2		15A	TLGCL AND TO BUS -	
08086		XA333	30		XA334	30		168	9		P	DA22D0	14	DB22DB	11	1	TLD	C2		15A	TADDER TO BUS - 22	
08087		XA334	30		XA335	36		168	9		P	DA22C0	15	DB22DB	10	1	TLD	C2		15A	TAC REG. TO BUS -	
08088		XA335	36		XA336	36		168	9			DB22DB	16	DB22A0	01	1	TQ2	C2		17A	DATA BUS- 22	
08089		XA336	36		XA338	78		168	9			DB22DB	17	DB22M0	01	1	TQ2	C2		17A	DATA BUS- 22	
08090		XA338	78		XA339	52		168	9			DB22DB	18	DB22NA	01	3	TT3	F3		38A	DATA BUS- 22	
08091		XA339	52		XA340	52		168	9			DB22DB	19	DB22HA	01	3	TT3	D1		24A	DATA BUS- 22	
								****			SIGNAL	(DB22DB)		S ON THE			NEXT PAGE		****			

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RECORD NUMBER	FROM				TO				MULTI GROUP	CODE	CATION	IDEN	SIGNAL	SFZ NO	EQUATION	TER3	FACTOR	CST OR TRIP TYPE	IMP	LOCAL OR REMOTE PLAN	TEST POINTS	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	TO	PREFIX	CONNECTOR	PIN	TO															
08092		XA340	52		XA342	48			168	9			DB22DB	20	DB22GA	01	3	TT3	D1	24A	DATA BUS- 22		
08093		XA342	48						168	9			DB22DB	21				RR4	E2			D02	
08099		XA545	62		XA544	48			168	9			DB22GA	01	GC030A	01	1	TT3	E2	29A			
08100		XA544	48		XA340	50			168	9			DB22GA	02	GR06V0	01	2	TQ2	D2	22A			
08101		XA340	50						168	9			DB22GA	03		00	1	TT3	D1	23A			
08104		XA548	48		XA339	50			168	9			DB22HA	01	GR22V0	01	2	TQ2	D2	22A			
08105		XA339	50		XA338	01			168	9			DB22HA	02	DB22HA	00	1	TT3	D1	23A			
08106		XA338	01						168	9			DB22HA	03	GC066A	01	2	TT3	A2	02B			
08111		XA516	03		XA414	79			168	9			DB22M0	01	MD191A	01	1	TQ2	A3	02A			
08112		XA414	79		XA417	59			168	9			DB22M0	02	MD097A	01	1	TQ2	F1	39B			
08113		XA417	59		XA336	30			168	9			DB22M0	03	MD064A	01	1	TQ2	E4	31B			
08114		XA336	30		XA314	34			168	9			DB22M0	04	DB22M0	00	1	TQ2	C2	15A			
08115		XA314	34						168	9			DB22M0	05	TB22TD	01	2	TLD	C2	16A			
08116		XA435	42		XA433	19			168	9			DB22NA	01	MC022A	01	1	TT3	C1	20A			
08117		XA433	19		XA338	80			168	9			DB22NA	02	MB06V0	01	2	TQ2	B3	09B			
08118		XA338	80						168	9			DB22NA	03		00	1	TT3	F3	39A			
08119		XA335	38		XA248	48			168	9			DB23A0	01	DB23A0	00	1	TQ2	C1	18A	DATA BUS RCVR - 2		
08120		XA248	48		XA145	10			168	9			DB23A0	02	AC231A	01	1	TT3	D2	22A			
08121		XA145	10		XA125	52			168	9			DB23A0	03	AY231A	01	1	TQ2	A1	07A			
08122		XA125	52						168	9			DB23A0	04	AQ231A	01	3	TT3	D1	24A			
21722		XA302	49		XA321	38			168	9			DB23DB	01				EXT					
08124		XA321	38		XA322	38			168	9	P		DB23DB	02	DT23AD	07	1	TLD	C1	18A			
08125		XA322	38		XA323	38			168	9	P		DB23DB	03	DM23AD	20	1	TLD	C1	18A			
08126		XA323	38		XA324	38			168	9	P		DB23DB	04	DM23AD	19	1	TLD	C1	18A			
08127		XA324	38		XA424	62			168	9	P		DB23DB	05	DM23AD	18	1	TLD	C1	18A		D02	
08144		XA424	62		XA325	38			168	9	P		DB23DB	055	MA07B1	01	1	TDD	K1	29A	DATA BUS- 23	D02	
08128		XA325	38		XA326	38			168	9	P		DB23DB	06	DM23AD	17	1	TLD	C1	18A			
08129		XA326	38		XA327	38			168	9	P		DB23DB	07	DM23AD	16	1	TLD	C1	18A			
08130		XA327	38		XA328	38			168	9	P		DB23DB	08	DG23AD	09	1	TLD	C1	18A			
08131		XA328	38		XA329	38			168	9	P		DB23DB	09	DG23AD	08	1	TLD	C1	18A			
08132		XA329	38		XA330	38			168	9	P		DB23DB	10	DA23AD	15	1	TLD	C1	18A	TAY REG. TO BUS -		
08133		XA330	38		XA331	38			168	9	P		DB23DB	11	DA23AD	14	1	TLD	C1	18A	TEXCLUSIVE OR TO B		
08134		XA331	38		XA332	38			168	9	P		DB23DB	12	DA23AD	13	1	TLD	C1	18A	TAY REG. TO BUS -		
08135		XA332	38		XA333	38			168	9	P		DB23DB	13	DA23AD	12	1	TLD	C1	18A	TLGCL AND TO BUS -		
08136		XA333	38		XA334	38			168	9	P		DB23DB	14	DA23AD	11	1	TLD	C1	18A	TADDER TO BUS - 23		
08137		XA334	38		XA335	42			168	9	P		DB23DB	15	DA23AD	10	1	TLD	C1	18A	TAC REG. TO BUS -		
08138		XA335	42		XA336	40			168	9			DB23DB	16	DB23AD	01	1	TQ2	C1	20A	DATA BUS- 23		
08139		XA336	40		XA338	65			168	9			DB23DB	17	DB23AD	01	2	TQ2	C1	19A	DATA BUS- 23		
08140		XA338	65		XA339	37			168	9			DB23DB	18	DB23NA	01	3	TT3	F2	34B	DATA BUS- 23		
08141		XA339	37		XA340	33			168	9			DB23DB	19	DB23HA	01	3	TT3	C3	18B	DATA BUS- 23		
08142		XA340	33		XA342	37			168	9			DB23DB	20	DB23GA	01	1	TT3	C3	16B	DATA BUS- 23		
08143		XA342	37						168	9			DB23DB	21				RR4	D4			D02	
08149		XA545	79		XA544	47			168	9			DB23GA	01	GC032A	01	1	TT3	F1	39B			
									****	SIGNAL			DB23GA		S ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
08150		XA544	47		XA340	39		168	9			DB23GA	02	GR07V0	01	1	TQ2	D4	25B			
08151		XA340	39					168	9			DB23GA	03	DB23GA	00	1	TT3	C3	19B			
08154		XA548	47		XA339	39		168	9			DB23HA	01	GR23V0	01	1	TQ2	D4	25B			
08155		XA339	39		XA338	08		168	9			DB23HA	02	DB23HA	00	1	TT3	C3	19B			
08156		XA338	08					168	9			DB23HA	03	GC067A	01	2	TT3	A1	06A			
08161		XA516	23		XA417	74		168	9			DB23M0	01	MD196A	01	1	TQ2	B4	11B			
08162		XA417	74		XA414	65		168	9			DB23M0	02	MD067A	01	2	TQ2	F3	35B			
08163		XA414	65		XA336	38		168	9			DB23M0	03	MD099A	01	1	TQ2	F3	34B			
08164		XA336	38		XA314	42		168	9			DB23M0	04	DB23M0	00	1	TQ2	C1	18A			
08165		XA314	42					168	9			DB23M0	05	TB23TD	01	1	TLD	C1	20A			
08166		XA435	30		XA433	23		168	9			DB23NA	01	MC023A	01	2	TT3	C2	15A			
08167		XA433	23		XA338	74		168	9			DB23NA	02	MB07V0	01	1	TQ2	B4	11B			
08168		XA338	74					168	9			DB23NA	03	DB23NA	00	1	TT3	F2	35B			
08169		XA335	27		XA248	59		168	9			DB24A0	01	DB24A0	00	1	TQ2	B4	13B		DATA BUS RCVR - 2	
08170		XA248	59		XA145	11		168	9			DB24A0	02	AC241A	01	2	TT3	E3	31B			
08171		XA145	11		XA124	08		168	9			DB24A0	03	AY241A	01	1	TQ2	A4	05B			
08172		XA124	08					168	9			DB24A0	04	AQ241A	01	2	TT3	A1	06A			
21724		XA302	51		XA319	27		168	9			DB24DB	01				EXT					TO BAY 2
08174		XA319	27		XA320	27		168	9		P	DT24AD	02	DB24DB	07	1	TLD	B4	13B			
08175		XA320	27		XA321	27		168	9		P	DM246D	03	DB24DB	22	1	TLD	B4	13B			
08176		XA321	27		XA421	77		168	9		P	DM245D	04	DB24DB	21	1	TLD	B4	13B			002
08196		XA421	77		XA322	27		168	9			DB24DB	045	MA088I	01	1	TQ0	LI	38B			DATA BUS- 24
08177		XA322	27		XA323	27		168	9		P	DM244D	05	DB24DB	20	1	TLD	B4	13B			002
08178		XA323	27		XA324	27		168	9		P	DM243D	06	DB24DB	19	1	TLD	B4	13B			
08179		XA324	27		XA325	27		168	9		P	DM242D	07	DB24DB	18	1	TLD	B4	13B			
08180		XA325	27		XA326	27		168	9		P	DM241D	08	DB24DB	17	1	TLD	B4	13B			
08181		XA326	27		XA327	27		168	9		P	DM240D	09	DB24DB	16	1	TLD	B4	13B			
08182		XA327	27		XA328	27		168	9		P	DG241D	10	DB24DB	09	1	TLD	B4	13B			
08183		XA328	27		XA329	27		168	9		P	DG240D	11	DB24DB	08	1	TLD	B4	13B			
08184		XA329	27		XA330	27		168	9		P	DA24YD	12	DB24DB	15	1	TLD	B4	13B			TAY REG. TO BUS -
08185		XA330	27		XA331	27		168	9		P	DA24TD	13	DB24DB	14	1	TLD	B4	13B			TEXCLUSIVE OR TO B
08186		XA331	27		XA332	27		168	9		P	DA24QD	14	DB24DB	13	1	TLD	B4	13B			TAY REG. TO BUS -
08187		XA332	27		XA333	27		168	9		P	DA24GD	15	DB24DB	12	1	TLD	B4	13B			TLGCL AND TO BUS -
08188		XA333	27		XA334	27		168	9		P	DA24DD	16	DB24DB	11	1	TLD	B4	13B			TADDER TO BUS - 24
08189		XA334	27		XA335	23		168	9		P	DA24CD	17	DB24DB	10	1	TLD	B4	13B			TAC REG. TO BUS -
08190		XA335	23		XA336	25		168	9			DB24DB	18	DB24A0	01	1	TQ2	B4	11B			DATA BUS- 24
08191		XA336	25		XA338	79		168	9			DB24DB	19	DB24M0	01	2	TQ2	B4	12B			DATA BUS- 24
08192		XA338	79		XA339	29		168	9			DB24DB	20	DB24NA	01	1	TT3	F1	39B			DATA BUS- 24
08193		XA339	29		XA340	29		168	9			DB24DB	21	DB24HA	01	3	TT3	C2	14B			DATA BUS- 24
08194		XA340	29		XA342	29		168	9			DB24DB	22	DB24GA	01	2	TT3	C2	14B			DATA BUS- 24

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEG NO	EQUATION	TERM	FACTOR	CUT OR JUMP TYPE	GND	LOAD OR POWER PLANE	TEST POINTS	SIGNAL DESCRIPTION	T.O. NO
	PREFIX	CONNECTOR	PIN	INTEL	PREFIX	CONNECTOR	PIN	INTEL	MULTI GROUP	CODE	COLOR	IDENT											
08206		XA545	65		XA544	62				16B	9		DB24HA	01	GC069A	01	3	TT3	F2		34B		
08207		XA544	62		XA339	31				16B	9		DB24HA	02	GR24V0	01	2	TQ2	E2		29A		
08208		XA339	31							16B	9		DB24HA	03	DB24HA	00	1	TT3	C2		13B		
08213		XA516	54		XA414	36				16B	9		DB24M0	01	MD201A	01	2	TQ2	O1		29A		
08214		XA414	36		XA415	34				16B	9		DB24M0	02	MD086A	01	1	TQ2	C2		17A		
08215		XA415	34		XA419	29				16B	9		DB24M0	03	MD070A	01	2	TQ2	C2		16A		
08216		XA419	29		XA417	07				16B	9		DB24M0	04	MD101A	01	1	TQ2	C3		14B		
08217		XA417	07		XA336	27				16B	9		DB24M0	05	MD047A	01	2	TQ2	A3		03A		
08218		XA336	27		XA314	25				16B	9		DB24M0	06	DB24M0	00	1	TQ2	B4		13B		
08219		XA314	25							16B	9		DB24M0	07	TB24T0	01	2	TLD	B4		12B		
08220		XA433	40		XA435	33				16B	9		DB24NA	01	MB08V0	01	2	TQ2	C1		19A		
08221		XA435	33		XA338	73				16B	9		DB24NA	02	MC024A	01	1	TT3	C3		16B		
08222		XA338	73							16B	9		DB24NA	03	DB24NA	00	1	TT3	F1		36B		
08225		XA335	21		XA247	01				16B	9		DB25A0	01	DB25A0	00	1	TQ2	B3		10B	DATA BUS RCVR - 2	
08226		XA247	01		XA145	19				16B	9		DB25A0	02	AC251A	01	2	TT3	A2		02B		
08227		XA145	19		XA124	24				16B	9		DB25A0	03	AY251A	01	2	TQ2	B3		09B		
08228		XA124	24							16B	9		DB25A0	04	AQ251A	01	2	TT3	B1		13A		
21726		XA302	53		XA319	21				16B	9		DB250B	01				EXT					
08230		XA319	21		XA320	21				16B	9	P	DT25A0	02	DB250B	22	1	TLD	B3		10B		
08231		XA320	21		XA321	21				16B	9	P	DM256D	03	DB250B	21	1	TLD	B3		10B		
08232		XA321	21		XA322	21				16B	9	P	DM255D	04	DB250B	20	1	TLD	B3		10B		
08233		XA322	21		XA422	77				16B	9	P	DM254D	05	DB250B	19	1	TLD	B3		10B		002
08252		XA422	77		XA323	21				16B	9		DB250B	055	MA098T	01	1	T00	LT		38B	DATA BUS- 25	002
08234		XA323	21		XA324	21				16B	9	P	DM253D	06	DB250B	18	1	TLD	B3		10B		
08235		XA324	21		XA325	21				16B	9	P	DM252D	07	DB250B	17	1	TLD	B3		10B		
08236		XA325	21		XA326	21				16B	9	P	DM251D	08	DB250B	16	1	TLD	B3		10B		
08237		XA326	21		XA327	21				16B	9	P	DM250D	09	DB250B	15	1	TLD	B3		10B		
08238		XA327	21		XA328	21				16B	9	P	DG251D	10	DB250B	08	1	TLD	B3		10B		
08239		XA328	21		XA329	21				16B	9	P	DG250D	11	DB250B	07	1	TLD	B3		10B		
08240		XA329	21		XA330	21				16B	9	P	DA25YD	12	DB250B	14	1	TLD	B3		10B	TAY REG. TO BUS -	
08241		XA330	21		XA331	21				16B	9	P	DA25TD	13	DB250B	13	1	TLD	B3		10B	TEXCLUSIVE OR TO B	
08242		XA331	21		XA332	21				16B	9	P	DA25QD	14	DB250B	12	1	TLD	B3		10B	TAY REG. TO BUS -	
08243		XA332	21		XA333	21				16B	9	P	DA25GD	15	DB250B	11	1	TLD	B3		10B	TGCL AND TO BUS -	
08244		XA333	21		XA334	21				16B	9	P	DA25DD	16	DB250B	10	1	TLD	B3		10B	TADDER TO BUS - 25	
08245		XA334	21		XA335	17				16B	9	P	DA25CD	17	DB250B	09	1	TLD	B3		10B	TAC REG. TO BUS -	
08246		XA335	17		XA336	19				16B	9		DB250B	18	DB25A0	01	1	TQ2	B3		08B	DATA BUS- 25	
08247		XA336	19		XA338	61				16B	9		DB250B	19	DB25M0	01	2	TQ2	B3		09B	DATA BUS- 25	
08248		XA338	61		XA339	42				16B	9		DB250B	20	DB25NA	01	3	TT3	E3		32B	DATA BUS- 25	
08249		XA339	42		XA340	40				16B	9		DB250B	21	DB25HA	01	1	TT3	C1		20A	DATA BUS- 25	
08250		XA340	40		XA342	39				16B	9		DB250B	22	DB25GA	01	2	TT3	C1		19A	DATA BUS- 25	
08251		XA342	39							16B	9		DB250B	23				RR4	D5				002
08257		XA547	22		XA546	11				16B	9		DB25GA	01	GC042A	01	3	TT3	B1		12A		
08258		XA546	11		XA340	36				16B	9		DB25GA	02	GR09V0	01	1	TQ2	A4		05B		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
08259		XA340	36					16B	9			DB25GA	03	DB25GA	00	1	TT3	C1		17A	
08262		XA545	78		XA544	59		16B	9			DB25HA	01	GC070A	01	3	TT3	F3		38A	
08263		XA544	59		XA339	36		16B	9			DB25HA	02	GR25V0	01	1	TQ2	E4		31B	
08264		XA339	36					16B	9			DB25HA	03	DB25HA	00	1	TT3	C1		17A	
08269		XA516	68		XA414	37		16B	9			DB25M0	01	MD205A	01	2	TQ2	E1		32A	
08270		XA414	37		XA415	35		16B	9			DB25M0	02	MD088A	01	2	TQ2	C4		18B	
08271		XA415	35		XA417	20		16B	9			DB25M0	03	MD072A	01	1	TQ2	C4		17B	
08272		XA417	20		XA414	04		16B	9			DB25M0	04	MD050A	01	1	TQ2	B2		11A	
08273		XA414	04		XA336	21		16B	9			DB25M0	05	MD102A	01	1	TQ2	A2		04A	
08274		XA336	21		XA314	19		16B	9			DB25M0	06	DB25M0	00	1	TQ2	B3		10B	
08275		XA314	19					16B	9			DB25M0	07	TB25TD	01	2	TLD	B3		09B	
08276		XA435	54		XA433	34		16B	9			DB25NA	01	MC025A	01	2	TT3	D1		25A	
08277		XA433	34		XA338	63		16B	9			DB25NA	02	MB09V0	01	2	TQ2	C2		16A	
08278		XA338	63					16B	9			DB25NA	03	DB25NA	00	1	TT3	E3		33B	
08279		XA335	14		XA247	23		16B	9			DB26A0	01	DB26A0	00	1	TQ2	B2		09A	DATA BUS RCVR - 2
08280		XA247	23		XA145	36		16B	9			DB26A0	02	AC261A	01	2	TT3	B3		11B	
08281		XA145	36		XA123	06		16B	9			DB26A0	03	AY261A	01	1	TQ2	C2		17A	
08282		XA123	06					16B	9			DB26A0	04	AQ261A	01	3	TT3	A1		05A	
21728		XA302	55		XA319	14		16B	9			DB26DB	01				EXT				
08284		XA319	14		XA320	14		16B	9		P	DT26A0	02	DB26DB	24	1	TLD	B2		09A	
08285		XA320	14		XA321	14		16B	9		P	DM2660	03	DB26DB	23	1	TLD	B2		09A	
08286		XA321	14		XA322	14		16B	9		P	DM2650	04	DB26DB	22	1	TLD	B2		09A	
08287		XA322	14		XA323	14		16B	9		P	DM2640	05	DB26DB	21	1	TLD	B2		09A	
08288		XA323	14		XA423	77		16B	9		P	DM2630	06	DB26DB	20	1	TLD	B2		09A	
08306		XA423	77		XA324	14		16B	9			DB26DB	065	MA10B1	01	1	TDD	LI		38B	DATA BUS- 26
08289		XA324	14		XA325	14		16B	9		P	DM2620	07	DB26DB	19	1	TLD	B2		09A	
08290		XA325	14		XA326	14		16B	9		P	DM2610	08	DB26DB	18	1	TLD	B2		09A	
08291		XA326	14		XA327	14		16B	9		P	DM2600	09	DB26DB	17	1	TLD	B2		09A	
08292		XA327	14		XA328	14		16B	9		P	DM2610	10	DB26DB	10	1	TLD	B2		09A	
08293		XA328	14		XA329	14		16B	9		P	DG2600	11	DB26DB	09	1	TLD	B2		09A	
08294		XA329	14		XA330	14		16B	9		P	DA26YD	12	DB26DB	16	1	TLD	B2		09A	
08295		XA330	14		XA331	14		16B	9		P	DA26TD	13	DB26DB	15	1	TLD	B2		09A	TAY REG. TO BUS -
08296		XA331	14		XA332	14		16B	9		P	DA26QD	14	DB26DB	14	1	TLD	B2		09A	TEXCLUSIVE OR TO B
08297		XA332	14		XA333	14		16B	9		P	DA26GD	15	DB26DB	13	1	TLD	B2		09A	TAQ REG. TO BUS -
08298		XA333	14		XA334	14		16B	9		P	DA26DD	16	DB26DB	12	1	TLD	B2		09A	TGCL AND TO BUS -
08299		XA334	14		XA335	20		16B	9		P	DA26CD	17	DB26DB	11	1	TLD	B2		09A	TADDER TO BUS - 26
08300		XA335	20		XA336	20		16B	9			DB26DB	18	DB26A0	01	1	TQ2	B2		11A	TAC REG. TO BUS -
08301		XA336	20		XA338	53		16B	9			DB26DB	19	DB26M0	01	1	TQ2	B2		11A	DATA BUS- 26
08302		XA338	53		XA339	23		16B	9			DB26DB	20	DB26NA	01	3	TT3	E2		28B	DATA BUS- 26
08303		XA339	23		XA340	23		16B	9			DB26DB	21	DB26HA	01	2	TT3	B3		11B	DATA BUS- 26
08304		XA340	23		XA342	26		16B	9			DB26DB	22	DB26GA	01	2	TT3	B3		11B	DATA BUS- 26
08305		XA342	26					16B	9			DB26DB	23				RR4	B2			
08311		XA547	25		XA546	18		16B	9			DB26GA	01	GC044A	01	3	TT3	B3		12B	
08312		XA546	18		XA340	27		16B	9			DB26GA	02	GR10V0	01	2	TQ2	B2		10A	
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	PREFIX	CONNECTOR	PIN	IN	PREFIX	CONNECTOR	PIN	IN	MULTI GROUP	CODE												COLOR	IDENT	
08313		XA340	27							16B	9		DB26GA	03	DB26GA	00	1	TT3	B3		13B			
08316		XA544	71		XA547	65				16B	9		DB26HA	01	GR26V0	01	2	TQ2	F2		36A			
08317		XA547	65		XA339	27				16B	9		DB26HA	02	GC071A	01	3	TT3	F2		34B			
08318		XA339	27							16B	9		DB26HA	03	DB26HA	00	1	TT3	B3		13B			
08323		XA516	79		XA414	50				16B	9		DB26M0	01	MD209A	01	1	TQ2	F1		39B			
08324		XA414	50		XA415	48				16B	9		DB26M0	02	MD090A	01	1	TQ2	O2		23A			
08325		XA415	48		XA417	40				16B	9		DB26M0	03	MD074A	01	2	TQ2	O2		22A			
08326		XA417	40		XA414	07				16B	9		DB26M0	04	MD053A	01	2	TQ2	C1		19A			
08327		XA414	07		XA336	14				16B	9		DB26M0	05	MD103A	01	2	TQ2	A3		03A			
08328		XA336	14		XA314	20				16B	9		DB26M0	06	DB26M0	00	1	TQ2	B2		09A			
08329		XA314	20							16B	9		DB26M0	07	YB26TD	01	1	YLD	B2		11A			
08330		XA435	48		XA433	29				16B	9		DB26NA	01	MC026A	01	1	TT3	O2		22A			
08331		XA433	29		XA338	55				16B	9		DB26NA	02	MB10V0	01	1	TQ2	C3		14B			
08332		XA338	55							16B	9		DB26NA	03	DB26NA	00	1	TT3	E2		29B			
08333		XA335	22		XA247	52				16B	9		DB27A0	01	DB27A0	00	1	TQ2	B1		12A		DATA BUS RCVR - 2	
08334		XA247	52		XA145	56				16B	9		DB27A0	02	AC271A	01	3	TT3	O1		24A			
08335		XA145	56		XA123	24				16B	9		DB27A0	03	AY271A	01	1	TQ2	O1		26A			
08336		XA123	24							16B	9		DB27A0	04	AQ271A	01	2	TT3	B1		13A			
21730		XA302	57		XA319	22				16B	9		DB270B	01										
08338		XA319	22		XA320	22				16B	9	P	DT27A0	02	DB270B	24	1	YLD	B1		12A			
08339		XA320	22		XA321	22				16B	9	P	DM276D	03	DB270B	23	1	YLD	B1		12A			
08340		XA321	22		XA322	22				16B	9	P	DM275D	04	DB270B	22	1	YLD	B1		12A			
08341		XA322	22		XA323	22				16B	9	P	DM274D	05	DB270B	21	1	YLD	B1		12A			
08342		XA323	22		XA324	22				16B	9	P	DM273D	06	DB270B	20	1	YLD	B1		12A			
08343		XA324	22		XA424	77				16B	9	P	DM272D	07	DB270B	19	1	YLD	B1		12A			
08344		XA424	77		XA325	22				16B	9	P	DB270B	075	MA11B1	01	1	YDD	L1		38B		DATA BUS- 27	
08344		XA325	22		XA326	22				16B	9	P	DM271D	08	DB270B	18	1	YLD	B1		12A			
08345		XA326	22		XA327	22				16B	9	P	DM270D	09	DB270B	17	1	YLD	B1		12A			
08346		XA327	22		XA328	22				16B	9	P	DG271D	10	DB270B	10	1	YLD	B1		12A			
08347		XA328	22		XA329	22				16B	9	P	DG270D	11	DB270B	09	1	YLD	B1		12A			
08348		XA329	22		XA330	22				16B	9	P	DA27YD	12	DB270B	16	1	YLD	B1		12A		TAY REG. TO BUS -	
08349		XA330	22		XA331	22				16B	9	P	DA27TD	13	DB270B	15	1	YLD	B1		12A		TEXCLUSIVE OR TO B	
08350		XA331	22		XA332	22				16B	9	P	DA27QD	14	DB270B	14	1	YLD	B1		12A		TAQ REG. TO BUS -	
08351		XA332	22		XA333	22				16B	9	P	DA27GD	15	DB270B	13	1	YLD	B1		12A		YLGCL AND TO BUS -	
08352		XA333	22		XA334	22				16B	9	P	DA27DD	16	DB270B	12	1	YLD	B1		12A		TADDER TO BUS - 27	
08353		XA334	22		XA335	26				16B	9	P	DA27CD	17	DB270B	11	1	YLD	B1		12A		YAC REG. TO BUS -	
08354		XA335	26		XA336	24				16B	9		DB270B	18	DB27A3	01	1	TQ2	B1		14A		DATA BUS- 27	
08355		XA336	24		XA338	66				16B	9		DB270B	19	DB27M0	01	2	TQ2	B1		13A		DATA BUS- 27	
08356		XA338	66		XA339	18				16B	9		DB270B	20	DB27NA	01	3	TT3	E1		31A		DATA BUS- 27	
08357		XA339	18		XA340	17				16B	9		DB270B	21	DB27HA	01	1	TT3	B2		10A		DATA BUS- 27	
08358		XA340	17		XA342	20				16B	9		DB270B	22	DB27GA	01	3	TT3	B2		08B		DATA BUS- 27	
08359		XA342	20							16B	9		DB270B	23										002
08365		XA547	29		XA546	25				16B	9		DB27GA	01	GC046A	01	3	TT3	C2		14B			
08366		XA546	25		XA340	19				16B	9		DB27GA	02	GR11V0	01	2	TQ2	B4		12B			
										****		SIGNAL	DB27GA		S ON THE						****			

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	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	MULTI GROUP	CODE	COLOR	IDENT											
08367		XA340	19							168	9		DB27GA	03	DB27GA	00	1	TT3	B2		09B		
08370		XA547	78		XA546	64				168	9		DB27HA	01	GC072A	01	3	TT3	F3		38A		
08371		XA546	64		XA339	19				168	9		DB27HA	02	GR27V0	01	1	TQ2	E2		30A		
08372		XA339	19							168	9		DB27HA	03	DB27HA	00	1	TT3	B2		09B		
08377		XA515	11		XA414	49				168	9		DB27M0	01	MD213A	01	1	TQ2	A4		09B		
08378		XA414	49		XA415	47				168	9		DB27M0	02	MD092A	01	2	TQ2	D4		26B		
08379		XA415	47		XA417	35				168	9		DB27M0	03	MD076A	01	1	TQ2	D4		25B		
08380		XA417	35		XA414	11				168	9		DB27M0	04	MD056A	01	1	TQ2	C4		17B		
08381		XA414	11		XA336	22				168	9		DB27M0	05	MD104A	01	1	TQ2	A4		09B		
08382		XA336	22		XA314	26				168	9		DB27M0	06	DB27M0	00	1	TQ2	B1		12A		
08383		XA314	26							168	9		DB27M0	07	TB27TD	01	1	TLD	B1		14A		
08384		XA435	49		XA433	35				168	9		DB27NA	01	MC027A	01	3	TT3	D3		26B		
08385		XA433	35		XA338	64				168	9		DB27NA	02	MB11V0	01	1	TQ2	C4		17B		
08386		XA338	64							168	9		DB27NA	03	DB27NA	00	1	TT3	E1		30A		
08387		XA141	68		XA141	64				168	9		DB28AA	01	AYM0CA	01	2	TQ2	E1		32A		
08388		XA141	64		XA140	52				168	9		DB28AA	02	AYM1CA	01	1	TQ2	E2		30A		
08389		XA140	52							168	9		DB28AA	03	DB28AA	00	1	TQ2	D1		24A		DATA BUS RCVR - 2
08390		XA335	15		XA246	76				168	9		DB28A0	01	DB28A0	00	1	TQ2	A4		07B		DATA BUS RCVR - 2
08391		XA246	76		XA247	62				168	9		DB28A0	02	AC276A	01	2	TT3	F3		37A		
08392		XA247	62		XA249	24				168	9		DB28A0	03	AC281A	01	1	TT3	E2		29A		
08393		XA249	24		XA249	10				168	9		DB28A0	04	AC176A	01	2	TT3	B1		13A		
08394		XA249	10		XA145	49				168	9		DB28A0	05	AC076A	01	1	TT3	A1		07A		
08395		XA145	49		XA141	59				168	9		DB28A0	06	AY281A	01	2	TQ2	D4		26B		
08396		XA141	59		XA141	55				168	9		DB28A0	07	AYM3CA	01	1	TQ2	E4		31B		
08397		XA141	55		XA140	56				168	9		DB28A0	08	AYM2CA	01	2	TQ2	E3		29B		
08398		XA140	56		XA123	38				168	9		DB28A0	09	DB28AA	01	1	TQ2	D1		26A		
08399		XA123	38							168	9		DB28A0	10	AQ281A	01	3	TT3	C1		18A		
21732		XA302	59		XA319	15				168	9		DB280B	01				EXT					
08401		XA319	15		XA320	15				168	9	P	DT28A0	02	DB280B	25	1	TLD	A4		07B		
08402		XA320	15		XA321	15				168	9	P	DM2860	03	DB280B	24	1	TLD	A4		07B		
08403		XA321	15		XA421	71				168	9	P	DM2850	04	DB280B	23	1	TLD	A4		07B		D02
08423		XA421	71		XA322	15				168	9	P	DB280B	045	MA12B1	01	1	TDD	MI		36A		DATA BUS- 28
08404		XA322	15		XA323	15				168	9	P	DM2840	05	DB280B	22	1	TLD	A4		07B		
08405		XA323	15		XA324	15				168	9	P	DM2830	06	DB280B	21	1	TLD	A4		07B		
08406		XA324	15		XA325	15				168	9	P	DM2820	07	DB280B	20	1	TLD	A4		07B		
08407		XA325	15		XA326	15				168	9	P	DM2810	08	DB280B	19	1	TLD	A4		07B		
08408		XA326	15		XA327	15				168	9	P	DM2800	09	DB280B	18	1	TLD	A4		07B		
08409		XA327	15		XA328	15				168	9	P	DG2810	10	DB280B	11	1	TLD	A4		07B		
08410		XA328	15		XA329	15				168	9	P	DG2800	11	DB280B	10	1	TLD	A4		07B		
08411		XA329	15		XA330	15				168	9	P	DA28Y0	12	DB280B	17	1	TLD	A4		07B		TAY REG. TO BUS -
08412		XA330	15		XA331	15				168	9	P	DA28T0	13	DB280B	16	1	TLD	A4		07B		EXCLUSIVE OR TO B
08413		XA331	15		XA332	15				168	9	P	DA28Q0	14	DB280B	15	1	TLD	A4		07B		TAQ REG. TO BUS -
08414		XA332	15		XA333	15				168	9	P	DA28G0	15	DB280B	14	1	TLD	A4		07B		TLGCL AND TO BUS -
08415		XA333	15		XA334	15				168	9	P	DA28D0	16	DB280B	13	1	TLD	A4		07B		TADDER TO BUS - 28
										****		SIGNAL	DB280B		S ON THE			EXT			****		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR													IDENT
08416		XA334	15		XA335	11			16B	9		P	DA28CD	17	DB28DB	12	1	TLD	A4	07B	TAC REG. TO BUS -	
08417		XA335	11		XA336	13			16B	9			DB28DB	18	DB28A0	01	1	TQ2	A4	05B	DATA BUS- 28	
08418		XA336	13		XA338	49			16B	9			DB28DB	19	DB28M0	01	2	TQ2	A4	08B	DATA BUS- 28	
08419		XA338	49		XA339	26			16B	9			DB28DB	20	DB28NA	01	3	TT3	D3	26B	DATA BUS- 28	
08420		XA339	26		XA340	22			16B	9			DB28DB	21	DB28HA	01	1	TT3	B1	14A	DATA BUS- 28	
08421		XA340	22		XA342	24			16B	9			DB28DB	22	DB28GA	01	3	TT3	B1	12A	DATA BUS- 28	
08422		XA342	24						16B	9			DB28DB	23				RR4	B3			002
08428		XA547	52		XA546	34			16B	9			DB28GA	01	GC048A	01	3	TT3	D1	24A		
08429		XA546	34		XA340	20			16B	9			DB28GA	02	GR12V0	01	2	TQ2	C2	16A		
08430		XA340	20						16B	9			DB28GA	03	DB28GA	00	1	TT3	B1	11A		
08433		XA546	59		XA549	52			16B	9			DB28HA	01	GR28V0	01	1	TQ2	E4	31B		
08434		XA549	52		XA339	20			16B	9			DB28HA	02	GC074A	01	3	TT3	D1	24A		
08435		XA339	20						16B	9			DB28HA	03	DB28HA	00	1	TT3	B1	11A		
08440		XA515	25		XA414	64			16B	9			DB28M0	01	MD217A	01	2	TQ2	B4	12B		
08441		XA414	64		XA415	62			16B	9			DB28M0	02	MD094A	01	1	TQ2	E2	30A		
08442		XA415	62		XA417	43			16B	9			DB28M0	03	MD078A	01	2	TQ2	E2	29A		
08443		XA417	43		XA414	26			16B	9			DB28M0	04	MD059A	01	2	TQ2	D3	23B		
08444		XA414	26		XA336	15			16B	9			DB28M0	05	MD105A	01	1	TQ2	B1	14A		
08445		XA336	15		XA314	11			16B	9			DB28M0	06	DB28M0	00	1	TQ2	A4	07B		
08446		XA314	11						16B	9			DB28M0	07	TB28TD	01	1	TLD	A4	05B		
08447		XA435	68		XA433	54			16B	9			DB28NA	01	MC028A	01	2	TT3	E1	32A		
08448		XA433	54		XA338	51			16B	9			DB28NA	02	MB12V0	01	2	TQ2	D1	25A		
08449		XA338	51						16B	9			DB28NA	03	DB28NA	00	1	TT3	D3	27B		
08450		XA141	70		XA141	53			16B	9			DB29AA	01	AYM0CA	01	1	TQ2	E1	33A		
08451		XA141	53		XA140	46			16B	9			DB29AA	02	AYM2CA	01	1	TQ2	E3	28B		
08452		XA140	46						16B	9			DB29AA	03	DB29AA	00	1	TQ2	D2	21A	DATA BUS RCVR - 2	
08453		XA335	09		XA246	06			16B	9			DB29A0	01	DB29A0	00	1	TQ2	A3	04B	DATA BUS RCVR - 2	
08454		XA246	06		XA145	55			16B	9			DB29A0	02	AC291A	01	3	TT3	A1	05A		
08455		XA145	55		XA141	61			16B	9			DB29A0	03	AY291A	01	2	TQ2	E3	29B		
08456		XA141	61		XA141	62			16B	9			DB29A0	04	AYM3CA	01	2	TQ2	E4	32B		
08457		XA141	62		XA140	50			16B	9			DB29A0	05	AYM1CA	01	2	TQ2	E2	29A		
08458		XA140	50		XA123	52			16B	9			DB29A0	06	DB29AA	01	1	TQ2	D2	23A		
08459		XA123	52						16B	9			DB29A0	07	AQ291A	01	3	TT3	D1	24A		
21734		XA302	61		XA319	09			16B	9			DB29DB	01				EXT				
08461		XA319	09		XA320	09			16B	9		P	DT29A0	02	DB29DB	25	1	TLD	A3	04B		
08462		XA320	09		XA321	09			16B	9		P	DM296D	03	DB29DB	24	1	TLD	A3	04B		
08463		XA321	09		XA322	09			16B	9		P	DM295D	04	DB29DB	23	1	TLD	A3	04B		
08464		XA322	09		XA422	71			16B	9		P	DM294D	05	DB29DB	22	1	TLD	A3	04B		002
08483		XA422	71		XA323	09			16B	9		P	DB29DB	055	MA13B1	01	1	TDD	MI	36A	DATA BUS- 29	002
08465		XA323	09		XA324	09			16B	9		P	DM293D	06	DB29DB	21	1	TLD	A3	04B		
08466		XA324	09		XA325	09			16B	9		P	DM292D	07	DB29DB	20	1	TLD	A3	04B		
08467		XA325	09		XA326	09			16B	9		P	DM291D	08	DB29DB	19	1	TLD	A3	04B		
08468		XA326	09		XA327	09			16B	9		P	DM290D	09	DB29DB	18	1	TLD	A3	04B		
									****	SIGNAL			DB29DB		IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT	
08469		XA327	09		XA328	09				168	9		P	0G291D	10	DB29DB	11	1	TLD	A3	04B			
08470		XA328	09		XA329	09				168	9		P	DG290D	11	DB29DB	10	1	TLD	A3	04B			
08471		XA329	09		XA330	09				168	9		P	DA29YD	12	DB29DB	17	1	TLD	A3	04B	TAY REG. TO BUS -		
08472		XA330	09		XA331	09				168	9		P	DA29TD	13	DB29DB	16	1	TLD	A3	04B	TEXCLUSIVE OR TO B		
08473		XA331	09		XA332	09				168	9		P	DA29QD	14	DB29DB	15	1	TLD	A3	04B	TAQ REG. TO BUS -		
08474		XA332	09		XA333	09				168	9		P	DA29GD	15	DB29DB	14	1	TLD	A3	04B	TLGCL AND TO BUS -		
08475		XA333	09		XA334	09				168	9		P	DA29DD	16	DB29DB	13	1	TLD	A3	04B	TADDER TO BUS - 29		
08476		XA334	09		XA335	03				168	9		P	DA29CD	17	DB29DB	12	1	TLD	A3	04B	TAC REG. TO BUS -		
08477		XA335	03		XA336	07				168	9			DB29DB	18	DB29A0	01	1	TQ2	A3	02A	DATA BUS- 29		
08478		XA336	07		XA338	48				168	9			DB29DB	19	DB29M0	01	2	TQ2	A3	03A	DATA BUS- 29		
08479		XA338	48		XA339	11				168	9			DB29DB	20	DB29NA	01	1	TT3	D2	22A	DATA BUS- 29		
08480		XA339	11		XA340	13				168	9			DB29DB	21	DB29HA	01	2	TT3	A3	05B	DATA BUS- 29		
08481		XA340	13		XA342	17				168	9			DB29DB	22	DB29GA	01	3	TT3	A3	06B	DATA BUS- 29		
08482		XA342	17							168	9			DB29DB	23								002	
08488		XA547	49		XA546	35				168	9			DB29GA	01	GC050A	01	3	TT3	D3		26B		
08489		XA546	35		XA340	15				168	9			DB29GA	02	GR13V0	01	1	TQ2	C4		17B		
08490		XA340	15							168	9			DB29GA	03	DB29GA	00	1	TT3	A3		07B		
08493		XA546	71		XA549	46				168	9			DB29HA	01	GR29V0	01	2	TQ2	F2		36A		
08494		XA549	46		XA339	15				168	9			DB29HA	02	GC075A	01	2	TT3	D2		21A		
08495		XA339	15							168	9			DB29HA	03	DB29HA	00	1	TT3	A3		07B		
08500		XA515	37		XA417	64				168	9			DB29M0	01	MD221A	01	2	TQ2	C4		18B		
08501		XA417	64		XA415	59				168	9			DB29M0	02	MD062A	01	1	TQ2	E2		30A		
08502		XA415	59		XA414	59				168	9			DB29M0	03	MD080A	01	1	TQ2	E4		31B		
08503		XA414	59		XA414	20				168	9			DB29M0	04	MD096A	01	1	TQ2	E4		31B		
08504		XA414	20		XA336	09				168	9			DB29M0	05	MD106A	01	1	TQ2	B2		11A		
08505		XA336	09		XA314	03				168	9			DB29M0	06	DB29M0	00	1	TQ2	A3		04B		
08506		XA314	03							168	9			DB29M0	07	TB29TD	01	1	TLD	A3		02A		
08507		XA435	62		XA433	48				168	9			DB29NA	01	MC029A	01	1	TT3	E2		29A		
08508		XA433	48		XA338	43				168	9			DB29NA	02	MB13V0	01	2	TQ2	D2		22A		
08509		XA338	43							168	9			DB29NA	03	DB29NA	00	1	TT3	D2		23B		
08510		XA141	77		XA141	73				168	9			DB30AA	01	AYM4CA	01	2	TQ2	F1		38B		
08511		XA141	73		XA140	45				168	9			DB30AA	02	AYM5CA	01	1	TQ2	F2		36B		
08512		XA140	45							168	9			DB30AA	03	DB30AA	00	1	TQ2	D3		24B	DATA BUS RCVR - 3	
08513		XA335	01		XA246	18				168	9			DB30A0	01	DB30A0	00	1	TQ2	A2		02B	DATA BUS RCVR - 3	
08514		XA246	18		XA145	73				168	9			DB30A0	02	AC301A	01	1	TT3	B2		10A		
08515		XA145	73		XA141	76				168	9			DB30A0	03	AY301A	01	1	TQ2	F2		36B		
08516		XA141	76		XA141	65				168	9			DB30A0	04	AYM7CA	01	1	TQ2	F4		37A		
08517		XA141	65		XA140	43				168	9			DB30A0	05	AYM6CA	01	1	TQ2	F3		34B		
08518		XA140	43		XA123	66				168	9			DB30A0	06	DB30AA	01	2	TQ2	D3		23B		
08519		XA123	66							168	9			DB30A0	07	AQ301A	01	3	TT3	E1		31A		
21736		XA302	63		XA319	01				168	9			DB30DB	01									
08521		XA319	01		XA320	01				168	9		P	DT30AD	02	DB30DB	25	1	TLD	A2		02B		
08522		XA320	01		XA321	01				168	9		P	DM306D	03	DB30DB	24	1	TLD	A2		02B		
										****	SIGNAL	(DB30DB)			S ON THE	NEXT PAGE	****							

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DB30DB

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
08523		XA321	01		XA322	01		168	9		P	DM305D	04	DB30DB	23	1	TLD	A2	02B		
08524		XA322	01		XA323	01		168	9		P	DM304D	05	DB30DB	22	1	TLD	A2	02B		
08525		XA323	01		XA423	71		168	9		P	DM303D	06	DB30DB	21	1	TLD	A2	02B		D02
08543		XA423	71		XA324	01		168	9		P	DB30DB	065	MA14B1	01	1	TDD	MI	36A	DATA BUS- 30	D02
08526		XA324	01		XA325	01		168	9		P	DM302D	07	DB30DB	20	1	TLD	A2	02B		
08527		XA325	01		XA326	01		168	9		P	DM301D	08	DB30DB	19	1	TLD	A2	02B		
08528		XA326	01		XA327	01		168	9		P	DM300D	09	DB30DB	18	1	TLD	A2	02B		
08529		XA327	01		XA328	01		168	9		P	DG301D	10	DB30DB	11	1	TLD	A2	02B		
08530		XA328	01		XA329	01		168	9		P	DG300D	11	DB30DB	10	1	TLD	A2	02B		
08531		XA329	01		XA330	01		168	9		P	DA30YD	12	DB30DB	17	1	TLD	A2	02B		
08532		XA330	01		XA331	01		168	9		P	DA30TD	13	DB30DB	16	1	TLD	A2	02B	TAY REG. TO BUS -	
08533		XA331	01		XA332	01		168	9		P	DA30QD	14	DB30DB	15	1	TLD	A2	02B	TEXCLUSIVE OR TO B	
08534		XA332	01		XA333	01		168	9		P	DA30GD	15	DB30DB	14	1	TLD	A2	02B	TAQ REG. TO BUS -	
08535		XA333	01		XA334	01		168	9		P	DA30DD	16	DB30DB	13	1	TLD	A2	02B	TLGCL AND TO BUS -	
08536		XA334	01		XA335	04		168	9		P	DA30CD	17	DB30DB	12	1	TLD	A2	02B	TADDER TO BUS - 30	
08537		XA335	04		XA336	04		168	9			DB30DB	18	DB30A0	01	1	TQ2	A2	04A	TAC REG. TO BUS -	
08538		XA336	04		XA338	52		168	9			DB30DB	19	DB30M0	01	1	TQ2	A2	04A	DATA BUS- 30	
08539		XA338	52		XA339	01		168	9			DB30DB	20	DB30NA	01	3	TT3	D1	24A	DATA BUS- 30	
08540		XA339	01		XA340	01		168	9			DB30DB	21	DB30HA	01	2	TT3	A2	02B	DATA BUS- 30	
08541		XA340	01		XA342	07		168	9			DB30DB	22	DB30GA	01	2	TT3	A2	02B	DATA BUS- 30	
08542		XA342	07					168	9			DB30DB	23				RR4	A4			D02
08548		XA547	60		XA546	48		168	9			DB30GA	01	GC052A	01	2	TT3	E2	28A		
08549		XA546	48		XA340	07		168	9			DB30GA	02	GR14V0	01	2	TQ2	D2	22A		
08550		XA340	07					168	9			DB30GA	03	DB30GA	00	1	TT3	A2	03A		
08553		XA548	62		XA549	49		168	9			DB30HA	01	GR30V0	01	2	TQ2	E2	29A		
08554		XA549	49		XA339	07		168	9			DB30HA	02	GC076A	01	3	TT3	D3	26B		
08555		XA339	07					168	9			DB30HA	03	DB30HA	00	1	TT3	A2	03A		
08560		XA515	49		XA414	73		168	9			DB30M0	01	MD225A	01	2	TQ2	D4	26B		
08561		XA414	73		XA415	71		168	9			DB30M0	02	MD098A	01	1	TQ2	F2	36B		
08562		XA415	71		XA419	59		168	9			DB30M0	03	MD082A	01	2	TQ2	F2	36A		
08563		XA419	59		XA414	19		168	9			DB30M0	04	MD065A	01	1	TQ2	E4	31B		
08564		XA414	19		XA336	01		168	9			DB30M0	05	MD107A	01	2	TQ2	B3	09B		
08565		XA336	01		XA314	05		168	9			DB30M0	06	DB30M0	00	1	TQ2	A2	02B		
08566		XA314	05					168	9			DB30M0	07	YB30TD	01	2	TLD	A2	03B		
08567		XA435	61		XA433	41		168	9			DB30NA	01	MC030A	01	3	TT3	E3	32B		
08568		XA433	41		XA338	50		168	9			DB30NA	02	MB14V0	01	1	TQ2	D3	22B		
08569		XA338	50					168	9			DB30NA	03	DB30NA	00	1	TT3	D1	23A		
08570		XA141	79		XA141	74		168	9			DB31AA	01	AYM4CA	01	1	TQ2	F1	39B		
08571		XA141	74		XA140	51		168	9			DB31AA	02	AYM6CA	01	2	TQ2	F3	35B		
08572		XA140	51					168	9			DB31AA	03	DB31AA	00	1	TQ2	D4	27B	DATA BUS RCVR - 3	
08573		XA335	06		XA246	33		168	9			DB31A0	01	DB31A0	00	1	TQ2	A1	05A	DATA BUS RCVR - 3	
08574		XA246	33		XA141	78		168	9			DB31A0	02	AC311A	01	1	TT3	C3	16B		
08575		XA141	78		XA141	71		168	9			DB31A0	03	AYM7CA	01	2	TQ2	F4	38A		
08576		XA141	71		XA140	68		168	9			DB31A0	04	AYM5CA	01	2	TQ2	F2	36A		
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DB31A0

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	PREFIX	CONNECTOR	PIN	PIN	PREFIX	CONNECTOR	PIN																		
08577		XA140	68		XA140	49				168	9			DB31A0	05	AY311A	01	2	TQ2	E1		32A			
08578		XA140	49		XA123	79				168	9			DB31A0	06	DB31AA	01	2	TQ2	D4		26B			
08579		XA123	79							168	9			DB31A0	07	AQ311A	01	1	TT3	F1		39B			
21738		XA302	65		XA319	06				168	9			DB310B	01										
08581		XA319	06		XA320	06				168	9		P	DT31AD	02	DB310B	25	1	EXT	TLO	A1		05A		
08582		XA320	06		XA321	06				168	9		P	DM3160	03	DB310B	24	1	TLO	A1		05A			
08583		XA321	06		XA322	06				168	9		P	DM3150	04	DB310B	23	1	TLD	A1		05A			
08584		XA322	06		XA323	06				168	9		P	DM3140	05	DB310B	22	1	TLD	A1		05A			
08585		XA323	06		XA324	06				168	9		P	DM3130	06	DB310B	21	1	TLD	A1		05A			
08586		XA324	06		XA424	71				168	9		P	DM3120	07	DB310B	20	1	TLD	A1		05A			
08603		XA424	71		XA325	06				168	9			DB310B	075	MA15B1	01	1	TOD	MI		36A	DATA BUS- 31	D02	
08587		XA325	06		XA326	06				168	9		P	DM3110	08	DB310B	19	1	TLD	A1		05A			
08588		XA326	06		XA327	06				168	9		P	DM3100	09	DB310B	18	1	TLD	A1		05A			
08589		XA327	06		XA328	06				168	9		P	DG3110	10	DB310B	11	1	TLD	A1		05A			
08590		XA328	06		XA329	06				168	9		P	DG3100	11	DB310B	10	1	TLD	A1		05A			
08591		XA329	06		XA330	06				168	9		P	DA31YD	12	DB310B	17	1	TLD	A1		05A	TAY REG. TO BUS -		
08592		XA330	06		XA331	06				168	9		P	DA31TD	13	DB310B	16	1	TLD	A1		05A	TEXCLUSIVE OR TO B		
08593		XA331	06		XA332	06				168	9		P	DA31QD	14	DB310B	15	1	TLD	A1		05A	TAY REG. TO BUS -		
08594		XA332	06		XA333	06				168	9		P	DA31GD	15	DB310B	14	1	TLD	A1		05A	TAGCL AND TO BUS -		
08595		XA333	06		XA334	06				168	9		P	DA31DD	16	DB310B	13	1	TLD	A1		05A	TADDER TO BUS - 31		
08596		XA334	06		XA335	08				168	9		P	DA31CD	17	DB310B	12	1	TLD	A1		05A	TAC REG. TO BUS -		
08597		XA335	08		XA336	10				168	9			DB310B	18	DB31A0	01	2	TQ2	A1		06A	DATA BUS- 31		
08598		XA336	10		XA338	33				168	9			DB310B	19	DB31M0	01	1	TQ2	A1		07A	DATA BUS- 31		
08599		XA338	33		XA339	06				168	9			DB310B	20	DB31NA	01	1	TT3	C3		18B	DATA BUS- 31		
08600		XA339	06		XA340	06				168	9			DB310B	21	DB31HA	01	3	TT3	A1		05A	DATA BUS- 31		
08601		XA340	06		XA342	09				168	9			DB310B	22	DB31GA	01	3	TT3	A1		05A	DATA BUS- 31		
08602		XA342	09							168	9			DB310B	23										D02
08608		XA547	79		XA546	47				168	9			DB31GA	01	GC054A	01	1	TT3	F1		39B			
08609		XA546	47		XA340	04				168	9			DB31GA	02	GR15V0	01	1	TQ2	D4		29B			
08610		XA340	04							168	9			DB31GA	03	DB31GA	00	1	TT3	A1		04A			
08613		XA549	70		XA548	59				168	9			DB31HA	01	GC077A	01	1	TT3	E1		33A			
08614		XA548	59		XA339	04				168	9			DB31HA	02	GR31V0	01	1	TQ2	E4		31B			
08615		XA339	04							168	9			DB31HA	03	DB31HA	00	1	TT3	A1		04A			
08620		XA515	59		XA417	78				168	9			DB31M0	01	MD229A	01	1	TQ2	E4		31B			
08621		XA417	78		XA415	76				168	9			DB31M0	02	MD068A	01	2	TQ2	F4		38A			
08622		XA415	76		XA414	76				168	9			DB31M0	03	MD084A	01	1	TQ2	F4		37A			
08623		XA414	76		XA414	25				168	9			DB31M0	04	MD100A	01	1	TQ2	F4		37A			
08624		XA414	25		XA336	06				168	9			DB31M0	05	MD108A	01	2	TQ2	B4		12B			
08625		XA336	06		XA314	08				168	9			DB31M0	06	DB31M0	00	1	TQ2	A1		05A			
08626		XA314	08							168	9			DB31M0	07	TB31TD	01	2	TLD	A1		06A			
08627		XA435	77		XA433	47				168	9			DB31NA	01	MC031A	01	2	TT3	F1		38B			
08628		XA433	47		XA338	39				168	9			DB31NA	02	MB15V0	01	1	TQ2	D4		25B			
08629		XA338	39							168	9			DB31NA	03	DB31NA	00	1	TT3	C3		19B			
08630		XA318	80										J	DG000D	01	DG000D	00	1	TLD	F4		39A	DB00DB BUSS		

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DG000D

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	PREFIX	CONNECTOR	PIN	IS	PREFIX	CONNECTOR	PIN	IS	MULTI GROUP	CODE	COLOR	IDENT												
08631		XA318	69										J	0G010D	01	0G010D	00	1	TLD	F3		35A	DB010B BUSS	
08632		XA318	72										J	0G020D	01	0G020D	00	1	TLD	F2		34A	DB020B BUSS	
08633		XA318	75										J	0G030D	01	0G030D	00	1	TLD	F1		37B	DB030B BUSS	
08634		XA318	63										J	0G040D	01	0G040D	00	1	TLD	E4		33B	DB040B BUSS	
08635		XA318	57										J	0G050D	01	0G050D	00	1	TLD	E3		30B	DB050B BUSS	
08636		XA318	60										J	0G060D	01	0G060D	00	1	TLD	E2		28A	DB060B BUSS	
08637		XA318	66										J	0G070D	01	0G070D	00	1	TLD	E1		31A	DB070B BUSS	
08638		XA328	80										J	0G080D	01	0G080D	00	1	TLD	F4		39A	DB080B BUSS	
08639		XA328	69										J	0G090D	01	0G090D	00	1	TLD	F3		35A	DB090B BUSS	
08640		XA328	72										J	0G100D	01	0G100D	00	1	TLD	F2		34A	DB100B BUSS	
08641		XA328	75										J	0G110D	01	0G110D	00	1	TLD	F1		37B	DB110B BUSS	
08642		XA328	63										J	0G120D	01	0G120D	00	1	TLD	E4		33B	DB120B BUSS	
08643		XA328	57										J	0G130D	01	0G130D	00	1	TLD	E3		30B	DB130B BUSS	
08644		XA328	60										J	0G140D	01	0G140D	00	1	TLD	E2		28A	DB140B BUSS	
08645		XA328	66										J	0G150D	01	0G150D	00	1	TLD	E1		31A	DB150B BUSS	
08646		XA328	51										J	0G160D	01	0G160D	00	1	TLD	D4		27B	DB160B BUSS	
08647		XA327	51										J	0G161D	01	0G161D	00	1	TLD	D4		27B	DB160B BUSS	
08648		XA328	45										J	0G170D	01	0G170D	00	1	TLD	D3		24B	DB170B BUSS	
08649		XA327	45										J	0G171D	01	0G171D	00	1	TLD	D3		24B	DB170B BUSS	
08650		XA328	46										J	0G180D	01	0G180D	00	1	TLD	D2		21A	DB180B BUSS	
08651		XA327	46										J	0G181D	01	0G181D	00	1	TLD	D2		21A	DB180B BUSS	
08652		XA328	52										J	0G190D	01	0G190D	00	1	TLD	D1		24A	DB190B BUSS	
08653		XA327	52										J	0G191D	01	0G191D	00	1	TLD	D1		24A	DB190B BUSS	
08654		XA328	39										J	0G200D	01	0G200D	00	1	TLD	C4		19B	DB200B BUSS	
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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	PCB	PREFIX	CONNECTOR	PIN	PCB	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST WISE	
08655		XA327	39										J	DG201D	01	DG201D	00	1	TLD	C4		19B	DB20DB BUSS		
08656		XA328	33										J	DG210D	01	DG210D	00	1	TLD	C3		16B	DB21DB BUSS		
08657		XA327	33										J	DG211D	01	DG211D	00	1	TLD	C3		16B	DB21DB BUSS		
08658		XA328	30										J	DG220D	01	DG220D	00	1	TLD	C2		15A	DB22DB BUSS		
08659		XA327	30										J	DG221D	01	DG221D	00	1	TLD	C2		15A	DB22DB BUSS		
08660		XA328	38										J	DG230D	01	DG230D	00	1	TLD	C1		18A	DB23DB BUSS		
08661		XA327	38										J	DG231D	01	DG231D	00	1	TLD	C1		18A	DB23DB BUSS		
08662		XA328	27										J	DG240D	01	DG240D	00	1	TLD	B4		13B	DB24DB BUSS		
08663		XA327	27										J	DG241D	01	DG241D	00	1	TLD	B4		13B	DB24DB BUSS		
08664		XA328	21										J	DG250D	01	DG250D	00	1	TLD	B3		10B	DB25DB BUSS		
08665		XA327	21										J	DG251D	01	DG251D	00	1	TLD	B3		10B	DB25DB BUSS		
08666		XA328	14										J	DG260D	01	DG260D	00	1	TLD	B2		09A	DB26DB BUSS		
08667		XA327	14										J	DG261D	01	DG261D	00	1	TLD	B2		09A	DB26DB BUSS		
08668		XA328	22										J	DG270D	01	DG270D	00	1	TLD	B1		12A	DB27DB BUSS		
08669		XA327	22										J	DG271D	01	DG271D	00	1	TLD	B1		12A	DB27DB BUSS		
08670		XA328	15										J	DG280D	01	DG280D	00	1	TLD	A4		07B	DB28DB BUSS		
08671		XA327	15										J	DG281D	01	DG281D	00	1	TLD	A4		07B	DB28DB BUSS		
08672		XA328	09										J	DG290D	01	DG290D	00	1	TLD	A3		04B	DB29DB BUSS		
08673		XA327	09										J	DG291D	01	DG291D	00	1	TLD	A3		04B	DB29DB BUSS		
08674		XA328	01										J	DG300D	01	DG300D	00	1	TLD	A2		02B	DB30DB BUSS		
08675		XA327	01										J	DG301D	01	DG301D	00	1	TLD	A2		02B	DB30DB BUSS		
08676		XA328	06										J	DG310D	01	DG310D	00	1	TLD	A1		05A	DB31DB BUSS		
08677		XA327	06										J	DG311D	01	DG311D	00	1	TLD	A1		05A	DB31DB BUSS		
08678		XA317	80										J	DM000D	01	DM000D	00	1	TLD	F4		39A	DB00DB BUSS		
08679		XA316	80										J	DM001D	01	DM001D	00	1	TLD	F4		39A	DB00DB BUSS		
														****	SIGNAL	DM010D								IS ON THE NEXT PAGE ****	



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DM010D

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
08680		XA317	69										J	DM010D	01	DM010D	00	1	TLD	F3	35A	DB010DB BUSS		
08681		XA316	65										J	DM011D	01	DM011D	00	1	TLD	F3	35A	DB010DB BUSS		
08682		XA317	72										J	DM020D	01	DM020D	00	1	TLD	F2	34A	DB020DB BUSS		
08683		XA316	72										J	DM021D	01	DM021D	00	1	TLD	F2	34A	DB020DB BUSS		
08684		XA317	75										J	DM030D	01	DM030D	00	1	TLD	F1	37B	DB030DB BUSS		
08685		XA316	75										J	DM031D	01	DM031D	00	1	TLD	F1	37B	DB030DB BUSS		
08686		XA317	63										J	DM040D	01	DM040D	00	1	TLD	E4	33B	DB040DB BUSS		
08687		XA316	63										J	DM041D	01	DM041D	00	1	TLD	E4	33B	DB040DB BUSS		
08688		XA317	57										J	DM050D	01	DM050D	00	1	TLD	E3	30B	DB050DB BUSS		
08689		XA316	57										J	DM051D	01	DM051D	00	1	TLD	E3	30B	DB050DB BUSS		
08690		XA317	60										J	DM060D	01	DM060D	00	1	TLD	E2	28A	DB060DB BUSS		
08691		XA316	60										J	DM061D	01	DM061D	00	1	TLD	E2	28A	DB060DB BUSS		
08692		XA317	66										J	DM070D	01	DM070D	00	1	TLD	E1	31A	DB070DB BUSS		
08693		XA316	66										J	DM071D	01	DM071D	00	1	TLD	E1	31A	DB070DB BUSS		
08694		XA327	80										J	DM080D	01	DM080D	00	1	TLD	F4	39A	DB080DB BUSS		
08695		XA326	80										J	DM081D	01	DM081D	00	1	TLD	F4	39A	DB080DB BUSS		
08696		XA327	69										J	DM090D	01	DM090D	00	1	TLD	F3	35A	DB090DB BUSS		
08697		XA326	65										J	DM091D	01	DM091D	00	1	TLD	F3	35A	DB090DB BUSS		
08698		XA327	72										J	DM100D	01	DM100D	00	1	TLD	F2	34A	DB100DB BUSS		
08699		XA326	72										J	DM101D	01	DM101D	00	1	TLD	F2	34A	DB100DB BUSS		
08700		XA327	75										J	DM110D	01	DM110D	00	1	TLD	F1	37B	DB110DB BUSS		
08701		XA326	75										J	DM111D	01	DM111D	00	1	TLD	F1	37B	DB110DB BUSS		
08702		XA327	63										J	DM120D	01	DM120D	00	1	TLD	E4	33B	DB120DB BUSS		
08703		XA326	63										J	DM121D	01	DM121D	00	1	TLD	E4	33B	DB120DB BUSS		
08704		XA327	57										J	DM130D	01	DM130D	00	1	TLD	E3	30B	DB130DB BUSS		
														****	SIGNAL	DM131D							IS ON THE NEXT PAGE ****	



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DM200D

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI WRAP	CODE	COLOR	IDENT												
08730		XA326	39									J	DM200D	01	DM200D	00	1	TLD	C4		19B	DB200B BUSS		
08731		XA325	39									J	DM201D	01	DM201D	00	1	TLD	C4		19B	DB200B BUSS		
08732		XA324	39									J	DM202D	01	DM202D	00	1	TLD	C4		19B	DB200B BUSS		
08733		XA323	39									J	DM203D	01	DM203D	00	1	TLD	C4		19B	DB200B BUSS		
08734		XA322	39									J	DM204D	01	DM204D	00	1	TLD	C4		19B	DB200B BUSS		
08735		XA326	33									J	DM210D	01	DM210D	00	1	TLD	C3		16B	DB210B BUSS		
08736		XA325	33									J	DM211D	01	DM211D	00	1	TLD	C3		16B	DB210B BUSS		
08737		XA324	33									J	DM212D	01	DM212D	00	1	TLD	C3		16B	DB210B BUSS		
08738		XA323	33									J	DM213D	01	DM213D	00	1	TLD	C3		16B	DB210B BUSS		
08739		XA322	33									J	DM214D	01	DM214D	00	1	TLD	C3		16B	DB210B BUSS		
08740		XA326	30									J	DM220D	01	DM220D	00	1	TLD	C2		15A	DB220B BUSS		
08741		XA325	30									J	DM221D	01	DM221D	00	1	TLD	C2		15A	DB220B BUSS		
08742		XA324	30									J	DM222D	01	DM222D	00	1	TLD	C2		15A	DB220B BUSS		
08743		XA323	30									J	DM223D	01	DM223D	00	1	TLD	C2		15A	DB220B BUSS		
08744		XA322	30									J	DM224D	01	DM224D	00	1	TLD	C2		15A	DB220B BUSS		
08745		XA326	38									J	DM230D	01	DM230D	00	1	TLD	C1		18A	DB230B BUSS		
08746		XA325	38									J	DM231D	01	DM231D	00	1	TLD	C1		18A	DB230B BUSS		
08747		XA324	38									J	DM232D	01	DM232D	00	1	TLD	C1		18A	DB230B BUSS		
08748		XA323	38									J	DM233D	01	DM233D	00	1	TLD	C1		18A	DB230B BUSS		
08749		XA322	38									J	DM234D	01	DM234D	00	1	TLD	C1		18A	DB230B BUSS		
08750		XA326	27									J	DM240D	01	DM240D	00	1	TLD	B4		13B	DB240B BUSS		
08751		XA325	27									J	DM241D	01	DM241D	00	1	TLD	B4		13B	DB240B BUSS		
08752		XA324	27									J	DM242D	01	DM242D	00	1	TLD	B4		13B	DB240B BUSS		
08753		XA323	27									J	DM243D	01	DM243D	00	1	TLD	B4		13B	DB240B BUSS		
08754		XA322	27									J	DM244D	01	DM244D	00	1	TLD	B4		13B	DB240B BUSS		
													****	SIGNAL	DM245D							S ON THE	NEXT PAGE	****



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
08780		XA324	15										J	DM282D	01	DM282D	00	I	TLD	A4		07B	DB28DB BUSS		
08781		XA323	15										J	DM283D	01	DM283D	00	I	TLD	A4		07B	DB28DB BUSS		
08782		XA322	15										J	DM284D	01	DM284D	00	I	TLD	A4		07B	DB28DB BUSS		
08783		XA321	15										J	DM285D	01	DM285D	00	I	TLD	A4		07B	DB28DB BUSS		
08784		XA320	15										J	DM286D	01	DM286D	00	I	TLD	A4		07B	DB28DB BUSS		
08785		XA326	09										J	DM290D	01	DM290D	00	I	TLD	A3		04B	DB29DB BUSS		
08786		XA325	09										J	DM291D	01	DM291D	00	I	TLD	A3		04B	DB29DB BUSS		
08787		XA324	09										J	DM292D	01	DM292D	00	I	TLD	A3		04B	DB29DB BUSS		
08788		XA323	09										J	DM293D	01	DM293D	00	I	TLD	A3		04B	DB29DB BUSS		
08789		XA322	09										J	DM294D	01	DM294D	00	I	TLD	A3		04B	DB29DB BUSS		
08790		XA321	09										J	DM295D	01	DM295D	00	I	TLD	A3		04B	DB29DB BUSS		
08791		XA320	09										J	DM296D	01	DM296D	00	I	TLD	A3		04B	DB29DB BUSS		
08792		XA326	01										J	DM300D	01	DM300D	00	I	TLD	A2		02B	DB30DB BUSS		
08793		XA325	01										J	DM301D	01	DM301D	00	I	TLD	A2		02B	DB30DB BUSS		
08794		XA324	01										J	DM302D	01	DM302D	00	I	TLD	A2		02B	DB30DB BUSS		
08795		XA323	01										J	DM303D	01	DM303D	00	I	TLD	A2		02B	DB30DB BUSS		
08796		XA322	01										J	DM304D	01	DM304D	00	I	TLD	A2		02B	DB30DB BUSS		
08797		XA321	01										J	DM305D	01	DM305D	00	I	TLD	A2		02B	DB30DB BUSS		
08798		XA320	01										J	DM306D	01	DM306D	00	I	TLD	A2		02B	DB30DB BUSS		
08799		XA326	06										J	DM310D	01	DM310D	00	I	TLD	A1		05A	DB31DB BUSS		
08800		XA325	06										J	DM311D	01	DM311D	00	I	TLD	A1		05A	DB31DB BUSS		
08801		XA324	06										J	DM312D	01	DM312D	00	I	TLD	A1		05A	DB31DB BUSS		
08802		XA323	06										J	DM313D	01	DM313D	00	I	TLD	A1		05A	DB31DB BUSS		
08803		XA322	06										J	DM314D	01	DM314D	00	I	TLD	A1		05A	DB31DB BUSS		
08804		XA321	06										J	DM315D	01	DM315D	00	I	TLD	A1		05A	DB31DB BUSS		
														****	SIGNAL	DM316D								S ON THE NEXT PAGE ****	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
08805		XA320	06									J	DM316D	01	DM316D	00	1	TLD	A1		05A	DB310B BUSS	
21740		XA402	75		XA312	07			168	9			DTTDCA	01				EXT					
10287		XA312	07		XA312	05			168	9			DTTDCA	02	DTTDC0	01	2	TQ2	A3		03A		
10288		XA312	05		XA312	13			168	9			DTTDCA	03	DTDB2A	01	2	TQ2	A2		03B		
10289		XA312	13		XA312	17			168	9			DTTDCA	04	DTTDD0	01	2	TQ2	A4		06B		
10290		XA312	17		XA312	18			168	9			DTTDCA	05	DTTDD0	01	1	TQ2	B3		08B		
10291		XA312	18		XA312	25			168	9			DTTDCA	06	DTTDF0	01	2	TQ2	B2		10A		
10292		XA312	25		XA312	24			168	9			DTTDCA	07	DTTDH0	01	2	TQ2	B4		12B		
10293		XA312	24						168	9			DTTDCA	08	DTTDE0	01	2	TQ2	B1		13A		
10296		XA315	79		XA315	76			168	9			DTTDC0	01	DT03AD	01	1	TLD	F1		39B		
10297		XA315	76		XA315	73			168	9			DTTDC0	02	DT00AD	01	1	TLD	F4		37A		
10298		XA315	73		XA315	65			168	9			DTTDC0	03	DT02AD	01	1	TLD	F2		36B		
10299		XA315	65		XA315	61			168	9			DTTDC0	04	DT01AD	01	1	TLD	F3		34B		
10300		XA315	61		XA312	09			168	9			DTTDC0	05	DT04AD	01	2	TLD	E4		32B		
10301		XA312	09						168	9			DTTDC0	06	DTTDC0	00	1	TQ2	A3		04B	IOU DATA TO BUS C	
10302		XA325	78		XA325	73			168	9			DTTDD0	01	DT08AD	01	2	TLD	F4		38A		
10303		XA325	73		XA325	74			168	9			DTTDD0	02	DT10AD	01	1	TLD	F2		36B		
10304		XA325	74		XA315	68			168	9			DTTDD0	03	DT09AD	01	2	TLD	F3		35B		
10305		XA315	68		XA315	64			168	9			DTTDD0	04	DT07AD	01	2	TLD	E1		32A		
10306		XA315	64		XA315	53			168	9			DTTDD0	05	DT06AD	01	1	TLD	E2		30A		
10307		XA315	53		XA312	15			168	9			DTTDD0	06	DT05AD	01	1	TLD	E3		28B		
10308		XA312	15						168	9			DTTDD0	07	DTTDD0	00	1	TQ2	A4		07B	IOU DATA TO BUS C	
10309		XA325	77		XA325	70			168	9			DTTDE0	01	DT11AD	01	2	TLD	F1		38B		
10310		XA325	70		XA325	61			168	9			DTTDE0	02	DT15AD	01	1	TLD	E1		33A		
10311		XA325	61		XA325	64			168	9			DTTDE0	03	DT12AD	01	2	TLD	E4		32B		
10312		XA325	64		XA325	55			168	9			DTTDE0	04	DT14AD	01	1	TLD	E2		30A		
10313		XA325	55		XA312	22			168	9			DTTDE0	05	DT13AD	01	2	TLD	E3		29B		
10314		XA312	22						168	9			DTTDE0	06	DTTDE0	00	1	TQ2	B1		12A	IOU DATA TO BUS C	
10315		XA321	54		XA321	47			168	9			DTTDF0	01	DT19AD	01	2	TLD	D1		25A		
10316		XA321	47		XA321	48			168	9			DTTDF0	02	DT16AD	01	1	TLD	D4		25B		
10317		XA321	48		XA321	41			168	9			DTTDF0	03	DT18AD	01	2	TLD	D2		22A		
10318		XA321	41		XA321	37			168	9			DTTDF0	04	DT17AD	01	1	TLD	D3		22B		
10319		XA321	37		XA312	14			168	9			DTTDF0	05	DT20AD	01	2	TLD	C4		18B		
10320		XA312	14						168	9			DTTDF0	06	DTTDF0	00	1	TQ2	B2		09A	IOU DATA TO BUS C	
10321		XA321	40		XA321	36			168	9			DTTDF0	01	DT23AD	01	2	TLD	C1		19A		
10322		XA321	36		XA321	29			168	9			DTTDF0	02	DT22AD	01	1	TLD	C2		17A		
10323		XA321	29		XA319	23			168	9			DTTDF0	03	DT21AD	01	1	TLD	C3		14B		
10324		XA319	23		XA319	18			168	9			DTTDF0	04	DT24AD	01	1	TLD	B4		11B		
10325		XA319	18		XA319	19			168	9			DTTDF0	05	DT26AD	01	2	TLD	B2		10A		
10326		XA319	19		XA312	21			168	9			DTTDF0	06	DT25AD	01	2	TLD	B3		09B		
10327		XA312	21						168	9			DTTDF0	07	DTTDF0	00	1	TQ2	B3		10B	IOU DATA TO BUS C	
10328		XA319	03		XA319	05			168	9			DTTDH0	01	DT29AD	01	1	TLD	A3		02A		
10329		XA319	05		XA319	11			168	9			DTTDH0	02	DT30AD	01	2	TLD	A2		03B		
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	PREFIX	CONNECTOR	PIN	SEE	PREFIX	CONNECTOR	PIN	SEE	MULTI GROUP	CODE	COLOR											
10330		XA319	11		XA319	10				16B	9		DTTDHO	03	DT28AD	01	1	TLD	A4	05B		
10331		XA319	10		XA319	24				16B	9		DTTDHO	04	DT31AD	01	1	TLD	A1	07A		
10332		XA319	24		XA312	27				16B	9		DTTDHO	05	DT27AD	01	2	TLD	B1	13A		
10333		XA312	27							16B	9		DTTDHO	06	DTTDHO	00	1	TQ2	B4	13B	IOU DATA TO BUS C	
10334		XA315	80										J DT00AD	01	DT00AD	00	1	TLD	F4	39A	DB00DB BUSS	
10335		XA315	69										J DT01AD	01	DT01AD	00	1	TLD	F3	35A	DB01DB BUSS	
10336		XA315	72										J DT02AD	01	DT02AD	00	1	TLD	F2	34A	DB02DB BUSS	
10337		XA315	75										J DT03AD	01	DT03AD	00	1	TLD	F1	37B	DB03DB BUSS	
10338		XA315	63										J DT04AD	01	DT04AD	00	1	TLD	E4	33B	DB04DB BUSS	
10339		XA315	57										J DT05AD	01	DT05AD	00	1	TLD	E3	30B	DB05DB BUSS	
10340		XA315	60										J DT06AD	01	DT06AD	00	1	TLD	E2	28A	DB06DB BUSS	
10341		XA315	66										J DT07AD	01	DT07AD	00	1	TLD	E1	31A	DB07DB BUSS	
10342		XA325	80										J DT08AD	01	DT08AD	00	1	TLD	F4	39A	DB08DB BUSS	
10343		XA325	69										J DT09AD	01	DT09AD	00	1	TLD	F3	35A	DB09DB BUSS	
10344		XA325	72										J DT10AD	01	DT10AD	00	1	TLD	F2	34A	DB10DB BUSS	
10345		XA325	75										J DT11AD	01	DT11AD	00	1	TLD	F1	37B	DB11DB BUSS	
10346		XA325	63										J DT12AD	01	DT12AD	00	1	TLD	E4	33B	DB12DB BUSS	
10347		XA325	57										J DT13AD	01	DT13AD	00	1	TLD	E3	30B	DB13DB BUSS	
10348		XA325	60										J DT14AD	01	DT14AD	00	1	TLD	E2	28A	DB14DB BUSS	
10349		XA325	66										J DT15AD	01	DT15AD	00	1	TLD	E1	31A	DB15DB BUSS	
10350		XA321	51										J DT16AD	01	DT16AD	00	1	TLD	D4	27B	DB16DB BUSS	
10351		XA321	45										J DT17AD	01	DT17AD	00	1	TLD	D3	24B	DB17DB BUSS	
10352		XA321	46										J DT18AD	01	DT18AD	00	1	TLD	D2	21A	DB18DB BUSS	
10353		XA321	52										J DT19AD	01	DT19AD	00	1	TLD	D1	24A	DB19DB BUSS	
10354		XA321	39										J DT20AD	01	DT20AD	00	1	TLD	C4	19B	DB20DB BUSS	
10355		XA321	33										J DT21AD	01	DT21AD	00	1	TLD	C3	16B	DB21DB BUSS	
10356		XA321	30										J DT22AD	01	DT22AD	00	1	TLD	C2	15A	DB22DB BUSS	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
10357		XA321	38								J	DT23AD	01	DT23AD	00	1	TLD	C1	18A	DB23DB BUSS	
10358		XA319	27								J	DT24AD	01	DT24AD	00	1	TLD	B4	13B	DB24DB BUSS	
10359		XA319	21								J	DT25AD	01	DT25AD	00	1	TLD	B3	10B	DB25DB BUSS	
10360		XA319	14								J	DT26AD	01	DT26AD	00	1	TLD	B2	09A	DB26DB BUSS	
10361		XA319	22								J	DT27AD	01	DT27AD	00	1	TLD	B1	12A	DB27DB BUSS	
10362		XA319	15								J	DT28AD	01	DT28AD	00	1	TLD	A4	07B	DB28DB BUSS	
10363		XA319	09								J	DT29AD	01	DT29AD	00	1	TLD	A3	04B	DB29DB BUSS	
10364		XA319	01								J	DT30AD	01	DT30AD	00	1	TLD	A2	02B	DB30DB BUSS	
10365		XA319	06								J	DT31AD	01	DT31AD	00	1	TLD	A1	05A	DB31DB BUSS	
22189		XA301	61		XA312	31		168	9			ECDBDB	01			EXT					
10369		XA312	31		XA312	35		168	9			ECDBDB	04	TB13C0	01	2	TQ2	C3	15B		
10370		XA312	35		XA312	36		168	9			ECDBDB	05	TB12C0	01	1	TQ2	C4	17B		
10371		XA312	36		XA312	40		168	9			ECDBDB	06	TB14C0	01	1	TQ2	C2	17A		
10372		XA312	40		XA312	41		168	9			ECDBDB	07	TB15C0	01	2	TQ2	C1	19A		
10373		XA312	41		XA312	47		168	9			ECDBDB	08	TB09C0	01	1	TQ2	D3	22B		
10374		XA312	47		XA312	48		168	9			ECDBDB	09	TB08C0	01	1	TQ2	D4	25B		
10375		XA312	48		XA312	54		168	9			ECDBDB	10	TB10C0	01	2	TQ2	O2	22A		
10376		XA312	54		XA312	55		168	9			ECDBDB	11	TB11C0	01	2	TQ2	D1	25A		
10377		XA312	55		XA312	61		168	9			ECDBDB	12	TB05C0	01	2	TQ2	E3	29B		
10378		XA312	61		XA312	64		168	9			ECDBDB	13	TB04C0	01	2	TQ2	E4	32B		
10379		XA312	64		XA312	65		168	9			ECDBDB	14	TB06C0	01	1	TQ2	E2	30A		
10380		XA312	65		XA312	68		168	9			ECDBDB	15	TB01C0	01	1	TQ2	F3	34B		
10381		XA312	68		XA312	73		168	9			ECDBDB	16	TB07C0	01	2	TQ2	E1	32A		
10382		XA312	73		XA312	78		168	9			ECDBDB	17	TB02C0	01	1	TQ2	F2	36B		
10383		XA312	78		XA312	79		168	9			ECDBDB	18	TB00C0	01	2	TQ2	F4	38A		
10384		XA312	79					168	9		K	ECDBDB	19	TB03C0	01	1	TQ2	F1	39B		
22191		XA301	63		XA313	31		168	9			EDDBDB	01			EXT					
10385		XA313	31		XA313	36		168	9			EDDBDB	02	TB29C0	01	2	TQ2	C3	15B		
10386		XA313	36		XA313	37		168	9			EDDBDB	03	TB30C0	01	1	TQ2	C2	17A		
10387		XA313	37		XA313	42		168	9			EDDBDB	04	TB28C0	01	2	TQ2	C4	18B		
10388		XA313	42		XA313	43		168	9			EDDBDB	05	TB31C0	01	1	TQ2	C1	20A		
10389		XA313	43		XA313	49		168	9			EDDBDB	06	TB25C0	01	2	TQ2	O3	23B		
10390		XA313	49		XA313	50		168	9			EDDBDB	07	TB24C0	01	2	TQ2	D4	26B		
10391		XA313	50		XA313	55		168	9			EDDBDB	08	TB26C0	01	1	TQ2	D2	23A		
10392		XA313	55		XA313	56		168	9			EDDBDB	09	TB21C0	01	2	TQ2	E3	29B		
10393		XA313	56		XA313	61		168	9			EDDBDB	10	TB27C0	01	1	TQ2	O1	26A		
10394		XA313	61		XA313	64		168	9			EDDBDB	11	TB20C0	01	2	TQ2	E4	32B		
10395		XA313	64		XA313	65		168	9			EDDBDB	12	TB22C0	01	1	TQ2	E2	30A		
								****		SIGNAL	(EDDBDB)		S ON THE		NEXT PAGE	****					



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EEDBDB

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	IN C	PREFIX	CONNECTOR	PIN	IN C	MULTI GROUP	CODE	COLOR											
10396		XA313	65		XA313	68				168	9		EEDBDB	13	TB17C0	01	1	TQ2	F3		34B	
10397		XA313	68		XA313	73				168	9		EEDBDB	14	TB23C0	01	2	TQ2	E1		32A	
10398		XA313	73		XA313	78				168	9		EEDBDB	15	TB18C0	01	1	TQ2	F2		36B	
10399		XA313	78		XA313	79				168	9		EEDBDB	16	TB16C0	01	2	TQ2	F4		38A	
10400		XA313	79							168	9		EEDBDB	17	TB19C0	01	1	TQ2	F1		39B	
21745		XA105	45		XA529	25				168	9		ESOTBP	01				EXT				
10406		XA529	25							168	9		ESOTBP	02	MC0460	01	4	TD4	B1		12B	
21746		XA105	43		XA511	71				188	9		EYABLA	01				EXT				A01
10408		XA511	71		XA514	61				168	9		EYABLA	02	MD0360	01	2	TQ2	F2		36A	
10409		XA514	61		XA514	72				168	9		EYABLA	03	MD0290	01	3	TT3	E3		32B	
10410		XA514	72		XA514	75				168	9		EYABLA	04	MD0330	01	2	TT3	F2		34A	
10411		XA514	75		XA514	78				168	9		EYABLA	05	MD0310	01	3	TT3	F1		37B	
10412		XA514	78		XA515	71				168	9		EYABLA	06	MD0350	01	3	TT3	F3		38A	
10413		XA515	71		XA515	74				168	9		EYABLA	07	MD0300	01	2	TQ2	F2		36A	
10414		XA515	74		XA515	76				168	9		EYABLA	08	MD0320	01	2	TQ2	F3		35B	
10415		XA515	76							168	9		EYABLA	09	MD0340	01	1	TQ2	F4		37A	
10418		XA550	06		XA550	04				168	9		GC000A	01	GC0080	01	3	TD4	A1		05A	
10419		XA550	04		XA549	04				168	9		GC000A	02	GC0090	01	1	TD4	A2		04A	
10420		XA549	04		XA451	37				168	9		GC000A	03	GC003A	00	1	TT3	A1		04A	
10421		XA451	37		XA451	36				168	9		GC000A	04	GC0070	01	2	TQ2	C4		18B	
10422		XA451	36							168	9		GC000A	05	GC0050	01	1	TQ2	C2		17A	
10423		XA550	13		XA550	07				168	9		GC001A	01	GC0080	01	4	TD4	A1		06B	
10424		XA550	07		XA549	07				168	9		GC001A	02	GC0090	01	4	TD4	A2		03A	
10425		XA549	07							168	9		GC001A	03	GC001A	00	1	TT3	A2		03A	
10426		XA549	15		XA451	40				168	9		GC002A	01	GC002A	00	1	TT3	A3		07B	
10427		XA451	40		XA451	31				168	9		GC002A	02	GC0040	01	2	TQ2	C1		19A	
10428		XA451	31							168	9		GC002A	03	GC0060	01	2	TQ2	C3		15B	
10429		XA550	05		XA549	20				168	9		GC003A	01	GC0090	01	2	TD4	A2		03B	
10430		XA549	20							168	9		GC003A	02	GC003A	00	1	TT3	B1		11A	
10433		XA451	38		XA328	54				168	9		GC0040	01	GC0340	00	1	TQ2	C1		18A	
10434		XA328	54		XA328	47				168	9		GC0040	02	DG1900	01	2	TLD	D1		25A	
10435		XA328	47		XA328	48				168	9		GC0040	03	DG1800	01	1	TLD	D4		25B	
10436		XA328	48		XA328	41				168	9		GC0040	04	DG1800	01	2	TLD	D2		22A	
10437		XA328	41		XA328	40				168	9		GC0040	05	DG1700	01	1	TLD	D3		22B	
10438		XA328	40		XA328	35				168	9		GC0040	06	DG2300	01	2	TLD	C1		19A	
10439		XA328	35		XA328	34				168	9		GC0040	07	DG2000	01	1	TLD	C4		17B	
10440		XA328	34		XA328	29				168	9		GC0040	08	DG2200	01	2	TLD	C2		16A	
10441		XA328	29							168	9		GC0040	09	DG2100	01	1	TLD	C3		14B	
10444		XA451	30		XA318	77				168	9		GC0050	01	GC0050	00	1	TQ2	C2		15A	
10445		XA318	77		XA318	78				168	9		GC0050	02	DG0300	01	2	TLD	F1		38B	
10446		XA318	78		XA318	73				168	9		GC0050	03	DG0000	01	2	TLD	F4		38A	
10447		XA318	73		XA318	74				168	9		GC0050	04	DG0200	01	1	TLD	F2		36B	
										****		SIGNAL	GC0050		S ON THE						****	

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GC0050

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
10448		XA318	74		XA318	70				168	9		GC0050	05	DG0100	01	2	TLD	F3		35B		
10449		XA318	70		XA318	61				168	9		GC0050	06	DG0700	01	1	TLD	E1		33A		
10450		XA318	61		XA318	64				168	9		GC0050	07	DG0400	01	2	TLD	E4		32B		
10451		XA318	64		XA318	55				168	9		GC0050	08	DG0600	01	1	TLD	E2		30A		
10452		XA318	55							168	9		GC0050	09	DG0500	01	2	TLD	E3		29B		
10455		XA451	33		XA328	24				168	9		GC0060	01	GC0060	00	1	TQ2	C3		16B		
10456		XA328	24		XA328	23				168	9		GC0060	02	DG2700	01	2	TLD	B1		13A		
10457		XA328	23		XA328	18				168	9		GC0060	03	DG2400	01	1	TLD	B4		11B		
10458		XA328	18		XA328	17				168	9		GC0060	04	DG2600	01	2	TLD	B2		10A		
10459		XA328	17		XA328	08				168	9		GC0060	05	DG2500	01	1	TLD	B3		08B		
10460		XA328	08		XA328	11				168	9		GC0060	06	DG3100	01	2	TLD	A1		06A		
10461		XA328	11		XA328	05				168	9		GC0060	07	DG2800	01	1	TLD	A4		09B		
10462		XA328	05		XA328	03				168	9		GC0060	08	DG3000	01	2	TLD	A2		03B		
10463		XA328	03							168	9		GC0060	09	DG2900	01	1	TLD	A3		02A		
10466		XA451	39		XA328	79				168	9		GC0070	01	GC0070	00	1	TQ2	C4		19B		
10467		XA328	79		XA328	78				168	9		GC0070	02	DG1100	01	1	TLD	F1		39B		
10468		XA328	78		XA328	73				168	9		GC0070	03	DG0800	01	2	TLD	F4		38A		
10469		XA328	73		XA328	74				168	9		GC0070	04	DG1000	01	1	TLD	F2		36B		
10470		XA328	74		XA328	70				168	9		GC0070	05	DG0900	01	2	TLD	F3		35B		
10471		XA328	70		XA328	61				168	9		GC0070	06	DG1500	01	1	TLD	E1		33A		
10472		XA328	61		XA328	64				168	9		GC0070	07	DG1200	01	2	TLD	E4		32B		
10473		XA328	64		XA328	55				168	9		GC0070	08	DG1400	01	1	TLD	E2		30A		
10474		XA328	55							168	9		GC0070	09	DG1300	01	2	TLD	E3		29B		
10477		XA550	11		XA327	54				168	9		GC0080	01	GC0080	00	1	TQ4	A1		05B		
10478		XA327	54		XA327	47				168	9		GC0080	02	DG1910	01	2	TLD	D1		25A		
10479		XA327	47		XA327	48				168	9		GC0080	03	DG1610	01	1	TLD	D4		25B		
10480		XA327	48		XA327	41				168	9		GC0080	04	DG1810	01	2	TLD	D2		22A		
10481		XA327	41		XA327	40				168	9		GC0080	05	DG1710	01	1	TLD	D3		22B		
10482		XA327	40		XA327	35				168	9		GC0080	06	DG2310	01	2	TLD	C1		19A		
10483		XA327	35		XA327	34				168	9		GC0080	07	DG2010	01	1	TLD	C4		17B		
10484		XA327	34		XA327	29				168	9		GC0080	08	DG2210	01	2	TLD	C2		16A		
10485		XA327	29							168	9		GC0080	09	DG2110	01	1	TLD	C3		14B		
10488		XA550	09		XA327	24				168	9		GC0090	01	GC0090	00	1	TQ4	A2		04B		
10489		XA327	24		XA327	23				168	9		GC0090	02	DG2710	01	2	TLD	B1		13A		
10490		XA327	23		XA327	18				168	9		GC0090	03	DG2410	01	1	TLD	B4		11B		
10491		XA327	18		XA327	17				168	9		GC0090	04	DG2610	01	2	TLD	B2		10A		
10492		XA327	17		XA327	08				168	9		GC0090	05	DG2510	01	1	TLD	B3		08B		
10493		XA327	08		XA327	11				168	9		GC0090	06	DG3110	01	2	TLD	A1		06A		
10494		XA327	11		XA327	05				168	9		GC0090	07	DG2810	01	1	TLD	A4		05B		
10495		XA327	05		XA327	03				168	9		GC0090	08	DG3010	01	2	TLD	A2		03B		
10496		XA327	03							168	9		GC0090	09	DG2910	01	1	TLD	A3		02A		
10497		XA550	35		XA451	56				168	9		GC010A	01	GC010A	00	1	TQ4	C1		17B		
10498		XA451	56							168	9		GC010A	02	GC0100	01	1	TQ2	D1		26A		
21998		XA501	43		XA451	52				168	9		GC0100	01				EXT					
										****	SIGNAL		GC0100		S ON THE		NEXT PAGE	****					

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GC0100

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR											
10502		XA451	52			XA549	06			168	9		GC0100	02	GC0100	00	1	TQ2	01		24A	
10503		XA549	06							168	9		GC0100	03	GC000A	01	3	TT3	A1		05A	
10504		XA550	33			XA451	50			168	9		GC011A	01	GC011A	00	1	TD4	C2		16B	
10505		XA451	50							168	9		GC011A	02	GC0110	01	1	TQ2	D2		23A	
21749		XA501	45			XA451	46			168	9		GC0110	01				EXT				
10509		XA451	46			XA549	01			168	9		GC0110	02	GC0110	00	1	TQ2	D2		21A	
10510		XA549	01							168	9		GC0110	03	GC001A	01	2	TT3	A2		02B	
10511		XA550	47			XA451	43			168	9		GC012A	01	GC012A	00	1	TD4	D1		25B	
10512		XA451	43							168	9		GC012A	02	GC0120	01	2	TQ2	D3		23B	
21751		XA501	47			XA451	45			168	9		GC0120	01				EXT				
10516		XA451	45			XA549	09			168	9		GC0120	02	GC0120	00	1	TQ2	D3		24B	
10517		XA549	09							168	9		GC0120	03	GC002A	01	1	TT3	A3		04B	
10518		XA550	45			XA451	49			168	9		GC013A	01	GC013A	00	1	TD4	D2		24B	
10519		XA451	49							168	9		GC013A	02	GC0130	01	2	TQ2	D4		26B	
21753		XA501	49			XA451	51			168	9		GC0130	01				EXT				
10523		XA451	51			XA549	22			168	9		GC0130	02	GC0130	00	1	TQ2	D4		27B	
10524		XA549	22							168	9		GC0130	03	GC003A	01	3	TT3	B1		12A	
10525		XA549	26			XA549	26			168	9		GC014A	01	GC0140	01	2	TT3	E2		28A	
10526		XA549	26			XA550	23			168	9		GC014A	02	GC003A	01	1	TT3	B1		14A	
10527		XA550	23			XA549	10			168	9		GC014A	03	GC014A	00	1	TD4	B1		11B	
10528		XA549	10			XA549	11			168	9		GC014A	04	GC000A	01	1	TT3	A1		07A	
10529		XA549	11			XA549	05			168	9		GC014A	05	GC002A	01	2	TT3	A3		05B	
10530		XA549	05							168	9		GC014A	06	GC001A	01	1	TT3	A2		03B	
21755		XA501	51			XA549	55			168	9		GC0140	01				EXT				TO BAY 2
10534		XA549	55							168	9		GC0140	02	GC0140	00	1	TT3	E2		29B	
10535		XA545	04			XA544	10			168	9		GC015A	01	GC015A	00	1	TT3	A1		04A	
10536		XA544	10							168	9		GC015A	02	GR00W0	01	1	TQ2	A1		07A	
10537		XA545	07			XA544	08			168	9		GC016A	01	GC016A	00	1	TT3	A2		03A	
10538		XA544	08							168	9		GC016A	02	GR00W0	01	2	TQ2	A1		06A	
10539		XA545	15			XA544	03			168	9		GC017A	01	GC017A	00	1	TT3	A3		07B	
10540		XA544	03							168	9		GC017A	02	GR01W0	01	1	TQ2	A3		02A	
10541		XA545	20			XA544	07			168	9		GC018A	01	GC018A	00	1	TT3	B1		11A	
10542		XA544	07							168	9		GC018A	02	GR01W0	01	2	TQ2	A3		03A	
10543		XA545	19			XA544	24			168	9		GC019A	01	GC019A	00	1	TT3	B2		09B	
10544		XA544	24							168	9		GC019A	02	GR02W0	01	2	TQ2	B1		13A	
10545		XA545	27			XA544	26			168	9		GC020A	01	GC020A	00	1	TT3	B3		13B	
										****		SIGNAL	GC020A		IS ON THE			NEXT PAGE		****		

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GC020A

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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 FE	PREFIX	CONNECTOR	PIN	SH FE	MULTI GROUP	CODE	COLOR	IDENT											
10546		XA544	26							16B	9		GC020A	02	GR02W0	01	1	TQ2	B1		14A		
10547		XA545	36		XA544	19				16B	9		GC021A	01	GC021A	00	1	TT3	C1		17A		
10548		XA544	19							16B	9		GC021A	02	GR03W0	01	2	TQ2	B3		09B		
10549		XA545	31		XA544	17				16B	9		GC022A	01	GC022A	00	1	TT3	C2		15B		
10550		XA544	17							16B	9		GC022A	02	GR03W0	01	1	TQ2	B3		08B		
10551		XA544	69		XA545	38				16B	9		GC0230	01	GC0230	00	1	TQ2	F3		35A		
10552		XA545	38		XA545	18				16B	9		GC0230	02	GC021A	01	3	TT3	C1		18A		
10553		XA545	18		XA545	08				16B	9		GC0230	03	GC019A	01	1	TT3	B2		10A		
10554		XA545	08		XA545	09				16B	9		GC0230	04	GC015A	01	2	TT3	A1		06A		
10555		XA545	09		XA341	79				16B	9		GC0230	05	GC017A	01	1	TT3	A3		04B		
10556		XA341	79		XA341	70				16B	9		GC0230	06	DB00GA	01	1	TT3	F1		39B		
10557		XA341	70		XA341	59				16B	9		GC0230	07	DB03GA	01	1	TT3	E1		33A		
10558		XA341	59		XA341	62				16B	9		GC0230	08	DB01GA	01	2	TT3	E3		31B		
10559		XA341	62							16B	9		GC0230	09	DB02GA	01	1	TT3	E2		29A		
10560		XA544	80		XA545	34				16B	9		GC0240	01	GC0240	00	1	TQ2	F4		39A		
10561		XA545	34		XA545	24				16B	9		GC0240	02	GC022A	01	1	TT3	C2		16A		
10562		XA545	24		XA545	21				16B	9		GC0240	03	GC018A	01	2	TT3	B1		13A		
10563		XA545	21		XA545	03				16B	9		GC0240	04	GC020A	01	1	TT3	B3		10B		
10564		XA545	03		XA340	75				16B	9		GC0240	05	GC016A	01	3	TT3	A2		02A		
10565		XA340	75		XA340	70				16B	9		GC0240	06	DB16GA	01	3	TT3	F1		37B		
10566		XA340	70		XA340	59				16B	9		GC0240	07	DB19GA	01	1	TT3	E1		33A		
10567		XA340	59		XA340	53				16B	9		GC0240	08	DB17GA	01	2	TT3	E3		31B		
10568		XA340	53							16B	9		GC0240	09	DB18GA	01	3	TT3	E2		28B		
10569		XA545	39		XA544	42				16B	9		GC025A	01	GC025A	00	1	TT3	C3		19B		
10570		XA544	42							16B	9		GC025A	02	GR04W0	01	1	TQ2	C1		20A		
10571		XA549	36		XA544	40				16B	9		GC026A	01	GC026A	00	1	TT3	C1		17A		
10572		XA544	40							16B	9		GC026A	02	GR04W0	01	2	TQ2	C1		19A		
10573		XA545	43		XA544	29				16B	9		GC027A	01	GC027A	00	1	TT3	D2		23B		
10574		XA544	29							16B	9		GC027A	02	GR05W0	01	1	TQ2	C3		14B		
10575		XA545	51		XA544	31				16B	9		GC028A	01	GC028A	00	1	TT3	D3		27B		
10576		XA544	31							16B	9		GC028A	02	GR05W0	01	2	TQ2	C3		15B		
10577		XA545	64		XA544	56				16B	9		GC029A	01	GC029A	00	1	TT3	E1		30A		
10578		XA544	56							16B	9		GC029A	02	GR06W0	01	1	TQ2	D1		26A		
10579		XA545	55		XA544	54				16B	9		GC030A	01	GC030A	00	1	TT3	E2		29B		
10580		XA544	54							16B	9		GC030A	02	GR06W0	01	2	TQ2	D1		25A		
10581		XA545	63		XA544	41				16B	9		GC031A	01	GC031A	00	1	TT3	E3		33B		
10582		XA544	41							16B	9		GC031A	02	GR07W0	01	1	TQ2	D3		22B		
10583		XA545	73		XA544	43				16B	9		GC032A	01	GC032A	00	1	TT3	F1		36B		
										****	SIGNAL		GC032A		S ON THE								

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFC NO	EQUATION	TER 1	TER 2	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											
10584		XA544	43						16B 9		GC032A	02	GR07WD	01	2	TQ2	D3	23B		
10587		XA546	69		XA545	68			16B 9		GC0330	01	GC0330	00	1	TQ2	F3	35A		
10588		XA545	68		XA545	57			16B 9		GC0330	02	GC029A	01	2	TT3	E1	32A		
10589		XA545	57		XA545	41			16B 9		GC0330	03	GC031A	01	1	TT3	E3	30B		
10590		XA545	41		XA545	33			16B 9		GC0330	04	GC027A	01	3	TT3	D2	22B		
10591		XA545	33		XA341	54			16B 9		GC0330	05	GC025A	01	1	TT3	C3	18B		
10592		XA341	54		XA341	47			16B 9		GC0330	06	DB06GA	01	2	TT3	D1	25A		
10593		XA341	47		XA341	46			16B 9		GC0330	07	DB04GA	01	2	TT3	D3	25B		
10594		XA341	46		XA341	35			16B 9		GC0330	08	DB05GA	01	2	TT3	D2	21A		
10595		XA341	35						16B 9		GC0330	09	DB07GA	01	2	TT3	C3	17B		
10598		XA546	80		XA545	77			16B 9		GC0340	01	GC0340	00	1	TQ2	F4	39A		
10599		XA545	77		XA545	53			16B 9		GC0340	02	GC032A	01	2	TT3	F1	38B		
10600		XA545	53		XA545	49			16B 9		GC0340	03	GC030A	01	3	TT3	E2	28B		
10601		XA545	49		XA549	38			16B 9		GC0340	04	GC028A	01	3	TT3	D3	26B		
10602		XA549	38		XA340	54			16B 9		GC0340	05	GC026A	01	3	TT3	C1	18A		
10603		XA340	54		XA340	47			16B 9		GC0340	06	DB22GA	01	2	TT3	D1	25A		
10604		XA340	47		XA340	46			16B 9		GC0340	07	DB20GA	01	2	TT3	D3	25B		
10605		XA340	46		XA340	37			16B 9		GC0340	08	DB21GA	01	2	TT3	D2	21A		
10606		XA340	37						16B 9		GC0340	09	DB23GA	01	3	TT3	C3	18B		
10607		XA549	18		XA549	25			16B 9		GC035A	01	GC0680	01	1	TT3	B2	10A		
10608		XA549	25		XA549	34			16B 9		GC035A	02	GC0730	01	3	TT3	B3	12B		
10609		XA549	34		XA550	59			16B 9		GC035A	03	GC0630	01	1	TT3	C2	16A		
10610		XA550	59		XA549	61			16B 9		GC035A	04	GC035A	00	1	TD4	E1	31B		
10611		XA549	61		XA548	65			16B 9		GC035A	05	GC0350	01	3	TT3	E3	32B		
10612		XA548	65		XA548	77			16B 9		GC035A	06	GC0570	01	1	TQ2	F3	34B		
10613		XA548	77		XA544	74			16B 9		GC035A	07	GC0550	01	2	TQ2	F1	38B		
10614		XA544	74		XA546	65			16B 9		GC035A	08	GC0230	01	2	TQ2	F3	35B		
10615		XA546	65		XA545	54			16B 9		GC035A	09	GC0330	01	1	TQ2	F3	34B		
10616		XA545	54						16B 9		GC035A	10	GC0780	01	2	TT3	D1	25A		
21757		XA501	53		XA549	63			16B 9		GC0350	01				EXT				
10620		XA549	63						16B 9		GC0350	02	GC0350	00	1	TT3	E3	33B		
10621		XA549	17		XA549	23			16B 9		GC036A	01	GC0680	01	3	TT3	B2	08B		
10622		XA549	23		XA549	30			16B 9		GC036A	02	GC0730	01	2	TT3	B3	11B		
10623		XA549	30		XA550	57			16B 9		GC036A	03	GC0630	01	2	TT3	C2	15A		
10624		XA550	57		XA549	75			16B 9		GC036A	04	GC036A	00	1	TD4	E2	30B		
10625		XA549	75		XA545	56			16B 9		GC036A	05	GC0360	01	3	TT3	F1	37B		
10626		XA545	56						16B 9		GC036A	06	GC0780	01	1	TT3	D1	26A		
21759		XA501	55		XA549	73			16B 9		GC0360	01				EXT				
10630		XA549	73						16B 9		GC0360	02	GC0360	00	1	TT3	F1	36B		
10631		XA550	76		XA549	71			16B 9		GC037A	01	GC037A	00	1	TD4	F1	37A		
10632		XA549	71		XA548	73			16B 9		GC037A	02	GC0370	01	1	TT3	F2	36A		
10633		XA548	73		XA548	76			16B 9		GC037A	03	GC0560	01	1	TQ2	F2	36B		
10634		XA548	76		XA546	76			16B 9		GC037A	04	GC0580	01	1	TQ2	F4	37A		
									****	SIGNAL	GC037A		IS ON THE			NEXT PAGE	****			

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMINATION	FACTORY	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI-GROUP	CODE	COLOR	IDENT											
10635		XA546	76			XA544	76			16B	9		GC037A	05	GC0340	01	1	TQ2	F4		37A		
10636		XA544	76							16B	9		GC037A	06	GC0240	01	1	TQ2	F4		37A		
21761		XA501	57			XA549	74			16B	9		GC0370	01				EXT					
10640		XA549	74							16B	9		GC0370	02	GC0370	00	1	TT3	F2		35B		
10641		XA550	69			XA549	78			16B	9		GC038A	01	GC038A	00	1	TD4	F2		35A		
10642		XA549	78			XA548	79			16B	9		GC038A	02	GC0380	01	3	TY3	F3		38A		
10643		XA548	79			XA548	74			16B	9		GC038A	03	GC0550	01	1	TQ2	F1		39B		
10644		XA548	74			XA546	74			16B	9		GC038A	04	GC0570	01	2	TQ2	F3		35B		
10645		XA546	74			XA544	65			16B	9		GC038A	05	GC0330	01	2	TQ2	F3		35B		
10646		XA544	65							16B	9		GC038A	06	GC0230	01	1	TQ2	F3		34B		
21763		XA501	59			XA549	80			16B	9		GC0380	01				EXT					
10650		XA549	80							16B	9		GC0380	02	GC0380	00	1	TT3	F3		39A		
10651		XA547	04			XA546	10			16B	9		GC039A	01	GC039A	00	1	TT3	A1		04A		
10652		XA546	10							16B	9		GC039A	02	GR08W0	01	1	TQ2	A1		07A		
10653		XA547	07			XA546	08			16B	9		GC040A	01	GC040A	00	1	TT3	A2		03A		
10654		XA546	08							16B	9		GC040A	02	GR08W0	01	2	TQ2	A1		06A		
10655		XA547	15			XA546	03			16B	9		GC041A	01	GC041A	00	1	TT3	A3		07B		
10656		XA546	03							16B	9		GC041A	02	GR09W0	01	1	TQ2	A3		02A		
10657		XA547	20			XA546	07			16B	9		GC042A	01	GC042A	00	1	TT3	B1		11A		
10658		XA546	07							16B	9		GC042A	02	GR09W0	01	2	TQ2	A3		03A		
10659		XA547	19			XA546	24			16B	9		GC043A	01	GC043A	00	1	TT3	B2		09B		
10660		XA546	24							16B	9		GC043A	02	GR10W0	01	2	TQ2	B1		13A		
10661		XA547	27			XA546	26			16B	9		GC044A	01	GC044A	00	1	TT3	B3		13B		
10662		XA546	26							16B	9		GC044A	02	GR10W0	01	1	TQ2	B1		14A		
10663		XA547	36			XA546	19			16B	9		GC045A	01	GC045A	00	1	TT3	C1		17A		
10664		XA546	19							16B	9		GC045A	02	GR11W0	01	2	TQ2	B3		09B		
10665		XA547	31			XA546	17			16B	9		GC046A	01	GC046A	00	1	TT3	C2		15B		
10666		XA546	17							16B	9		GC046A	02	GR11W0	01	1	TQ2	B3		08B		
10667		XA547	39			XA546	40			16B	9		GC047A	01	GC047A	00	1	TT3	C3		19B		
10668		XA546	40							16B	9		GC047A	02	GR12W0	01	2	TQ2	C1		19A		
10669		XA547	50			XA546	42			16B	9		GC048A	01	GC048A	00	1	TY3	D1		23A		
10670		XA546	42							16B	9		GC048A	02	GR12W0	01	1	TQ2	C1		20A		
10671		XA547	43			XA546	29			16B	9		GC049A	01	GC049A	00	1	TY3	D2		23B		
10672		XA546	29							16B	9		GC049A	02	GR13W0	01	1	TQ2	C3		14B		
10673		XA547	51			XA546	31			16B	9		GC050A	01	GC050A	00	1	TY3	D3		27B		
										****	SIGNAL		GC050A		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	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
10674		XA546	31						168	9				TQ2	C3			15B		
10675		XA547	54		XA546	56			168	9				TT3	E1			30A		
10676		XA546	56						168	9				TQ2	D1			26A		
10677		XA547	55		XA546	54			168	9				TT3	E2			29B		
10678		XA546	54						168	9				TQ2	D1			25A		
10679		XA547	63		XA546	41			168	9				TT3	E3			33B		
10680		XA546	41						168	9				TQ2	D3			22B		
10681		XA547	73		XA546	43			168	9				TT3	F1			36B		
10682		XA546	43						168	9				TQ2	D3			23B		
10685		XA548	75		XA547	40			168	9				TQ2	F1			37B		
10686		XA547	40		XA547	18			168	9				TT3	C1			19A		
10687		XA547	18		XA547	08			168	9				TT3	B2			10A		
10688		XA547	08		XA547	09			168	9				TT3	A1			06A		
10689		XA547	09		XA341	42			168	9				TT3	A3			04B		
10690		XA341	42		XA341	34			168	9				TT3	C1			20A		
10691		XA341	34		XA341	25			168	9				TT3	C2			16A		
10692		XA341	25		XA341	18			168	9				TT3	B3			12B		
10693		XA341	18						168	9				TT3	B2			10A		
10696		XA548	72		XA547	34			168	9				TQ2	F2			34A		
10697		XA547	34		XA547	24			168	9				TT3	C2			16A		
10698		XA547	24		XA547	21			168	9				TT3	B1			13A		
10699		XA547	21		XA547	03			168	9				TT3	B3			10B		
10700		XA547	03		XA340	38			168	9				TT3	A2			02A		
10701		XA340	38		XA340	34			168	9				TT3	C1			18A		
10702		XA340	34		XA340	25			168	9				TT3	C2			16A		
10703		XA340	25		XA340	18			168	9				TT3	B3			12B		
10704		XA340	18						168	9				TT3	B2			10A		
10707		XA548	69		XA547	68			168	9				TQ2	F3			35A		
10708		XA547	68		XA547	57			168	9				TT3	E1			32A		
10709		XA547	57		XA547	41			168	9				TT3	E3			30B		
10710		XA547	41		XA547	33			168	9				TT3	D2			22B		
10711		XA547	33		XA341	24			168	9				TT3	C3			16B		
10712		XA341	24		XA341	10			168	9				TT3	B1			13A		
10713		XA341	10		XA341	11			168	9				TT3	A1			07A		
10714		XA341	11		XA341	03			168	9				TT3	A3			05B		
10715		XA341	03						168	9				TT3	A2			02A		
10718		XA548	80		XA547	77			168	9				TQ2	F4			39A		
10719		XA547	77		XA547	62			168	9				TT3	F1			38B		
10720		XA547	62		XA547	54			168	9				TT3	E2			29A		
10721		XA547	54		XA547	45			168	9				TT3	D1			25A		
10722		XA547	45		XA340	24			168	9				TT3	D3			24B		
10723		XA340	24		XA340	10			168	9				TT3	B1			13A		
									****	SIGNAL	GC0580		IS ON THE		NEXT PAGE		****			

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RECORD NUMBER	FROM			TO				WIRE			SIGNAL	SEC NO	EQUATION	TURN	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											
10724		XA340	10		XA340	11		168	9		GC0580	07	DB31GA	01	1	TT3	A1		07A		
10725		XA340	11		XA340	03		168	9		GC0580	08	DB29GA	01	2	TT3	A3		05B		
10726		XA340	03					168	9		GC0580	09	DB30GA	01	3	TT3	A2		02A		
10727		XA548	08		XA338	31		168	9		GC059A	01	GR16W0	01	2	TQ2	A1		06A		
10728		XA338	31					168	9		GC059A	02	GC059A	00	1	TT3	C2		15B		
10731		XA548	03		XA338	36		168	9		GC060A	01	GR17W0	01	1	TQ2	A3		02A		
10732		XA338	36					168	9		GC060A	02	GC060A	00	1	TT3	C1		17A		
10735		XA548	24		XA338	27		168	9		GC061A	01	GR18W0	01	2	TQ2	B1		13A		
10736		XA338	27					168	9		GC061A	02	GC061A	00	1	TT3	B3		13B		
10739		XA548	17		XA338	19		168	9		GC062A	01	GR19W0	01	1	TQ2	B3		08B		
10740		XA338	19					168	9		GC062A	02	GC062A	00	1	TT3	B2		09B		
10745		XA549	31		XA339	77		168	9		GC0630	01	GC0630	00	1	TT3	C2		15B		
10746		XA339	77		XA339	68		168	9		GC0630	02	DB16HA	01	2	TT3	F1		38B		
10747		XA339	68		XA339	59		168	9		GC0630	03	DB19HA	01	2	TT3	E1		32A		
10748		XA339	59		XA339	53		168	9		GC0630	04	DB17HA	01	2	TT3	E3		31B		
10749		XA339	53		XA338	40		168	9		GC0630	05	DB18HA	01	3	TT3	E2		28B		
10750		XA338	40		XA338	29		168	9		GC0630	06	GC060A	01	2	TT3	C1		19A		
10751		XA338	29		XA338	25		168	9		GC0630	07	GC059A	01	3	TT3	C2		14B		
10752		XA338	25		XA338	18		168	9		GC0630	08	GC061A	01	3	TT3	B3		12B		
10753		XA338	18					168	9		GC0630	09	GC062A	01	1	TT3	B2		10A		
10754		XA548	40		XA338	20		168	9		GC064A	01	GR20W0	01	2	TQ2	C1		9A		
10755		XA338	20					168	9		GC064A	02	GC064A	00	1	TT3	B1		11A		
10758		XA548	29		XA338	15		168	9		GC065A	01	GR21W0	01	1	TQ2	C3		14B		
10759		XA338	15					168	9		GC065A	02	GC065A	00	1	TT3	A3		07B		
10762		XA548	54		XA338	07		168	9		GC066A	01	GR22W0	01	2	TQ2	O1		25A		
10763		XA338	07					168	9		GC066A	02	GC066A	00	1	TT3	A2		03A		
10766		XA548	41		XA338	04		168	9		GC067A	01	GR23W0	01	1	TQ2	D3		22B		
10767		XA338	04					168	9		GC067A	02	GC067A	00	1	TT3	A1		04A		
10772		XA549	19		XA339	56		168	9		GC0680	01	GC0680	00	1	TT3	B2		09B		
10773		XA339	56		XA339	47		168	9		GC0680	02	DB22HA	01	1	TT3	O1		26A		
10774		XA339	47		XA339	41		168	9		GC0680	03	DB20HA	01	2	TT3	O3		25B		
10775		XA339	41		XA339	35		168	9		GC0680	04	DB21HA	01	3	TT3	O2		22B		
10776		XA339	35		XA338	22		168	9		GC0680	05	DB23HA	01	2	TT3	C3		17B		
10777		XA338	22		XA338	10		168	9		GC0680	06	GC064A	01	3	TT3	B1		12A		
10778		XA338	10		XA338	11		168	9		GC0680	07	GC067A	01	1	TT3	A1		07A		
10779		XA338	11		XA338	03		168	9		GC0680	08	GC065A	01	2	TT3	A3		05B		
10780		XA338	03					168	9		GC0680	09	GC066A	01	3	TT3	A2		02A		
10781		XA545	74		XA544	70		168	9		GC069A	01	GC069A	00	1	TT3	F2		35B		
10782		XA544	70					168	9		GC069A	02	GR24W0	01	1	TQ2	E1		33A		



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RECORD NUMBER	FROM				TO				WIRE				SPEC. INST. MISC.	SIGNAL	SEQ NO.	EQUATION	TERM.	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO.	
	PREFIX	CONNECTOR	PIN	CH	PREFIX	CONNECTOR	PIN	CH	MULTI GROUP	CODE	COLOR	IDENT													
10783		XA545	80			XA544	55			168	9			GC070A	01	GC070A	00	1	TT3	F3		39A			
10784		XA544	55							168	9			GC070A	02	GR25W0	01	2	TQ2	E3		29B			
10785		XA547	74			XA544	77			168	9			GC071A	01	GC071A	00	1	TT3	F2		35B			
10786		XA544	77							168	9			GC071A	02	GR26W0	01	2	TQ2	F1		38B			
10787		XA547	80			XA546	70			168	9			GC072A	01	GC072A	00	1	TT3	F3		39A			
10788		XA546	70							168	9			GC072A	02	GR27W0	01	1	TQ2	E1		33A			
10791		XA545	76			XA545	72			168	9			GC0730	01	GC070A	01	2	TT3	F3		37A			
10792		XA545	72			XA547	76			168	9			GC0730	02	GC069A	01	2	TT3	F2		34A			
10793		XA547	76			XA547	72			168	9			GC0730	03	GC072A	01	2	TT3	F3		37A			
10794		XA547	72			XA549	27			168	9			GC0730	04	GC071A	01	2	TT3	F2		34A			
10795		XA549	27			XA339	38			168	9			GC0730	05	GC0730	00	1	TT3	B3		13B			
10796		XA339	38			XA339	34			168	9			GC0730	06	DB25HA	01	3	TT3	C1		18A			
10797		XA339	34			XA339	25			168	9			GC0730	07	DB24HA	01	1	TT3	C2		16A			
10798		XA339	25			XA339	17			168	9			GC0730	08	DB26HA	01	3	TT3	B3		12B			
10799		XA339	17							168	9			GC0730	09	DB27HA	01	3	TT3	B2		08B			
10800		XA549	50			XA546	53			168	9			GC074A	01	GC074A	00	1	TT3	D1		23A			
10801		XA546	53							168	9			GC074A	02	GR28W0	01	1	TQ2	E3		28B			
10802		XA549	43			XA546	77			168	9			GC075A	01	GC075A	00	1	TT3	D2		23B			
10803		XA546	77							168	9			GC075A	02	GR29W0	01	2	TQ2	F1		38B			
10804		XA549	51			XA548	68			168	9			GC076A	01	GC076A	00	1	TT3	D3		27B			
10805		XA548	68							168	9			GC076A	02	GR30W0	01	2	TQ2	E1		32A			
10806		XA549	64			XA548	55			168	9			GC077A	01	GC077A	00	1	TT3	E1		30A			
10807		XA548	55							168	9			GC077A	02	GR31W0	01	2	TQ2	E3		29B			
10810		XA549	68			XA549	54			168	9			GC0780	01	GC077A	01	2	TT3	E1		32A			
10811		XA549	54			XA549	47			168	9			GC0780	02	GC074A	01	2	TT3	D1		25A			
10812		XA549	47			XA549	48			168	9			GC0780	03	GC076A	01	2	TT3	D3		25B			
10813		XA549	48			XA545	50			168	9			GC0780	04	GC075A	01	1	TT3	D2		22A			
10814		XA545	50			XA339	24			168	9			GC0780	05	GC0780	00	1	TT3	D1		23A			
10815		XA339	24			XA339	10			168	9			GC0780	06	DB28HA	01	2	TT3	B1		13A			
10816		XA339	10			XA339	09			168	9			GC0780	07	DB31HA	01	1	TT3	A1		07A			
10817		XA339	09			XA339	05			168	9			GC0780	08	DB29HA	01	1	TT3	A3		04B			
10818		XA339	05							168	9			GC0780	09	DB30HA	01	1	TT3	A2		03B			
17931		XA104	04			XA104	06			168	9			GND001	02										
17933		XA104	06			XA104	08			168	9			GND001	03										
17935		XA104	08			XA104	10			168	9			GND001	04										
17937		XA104	10			XA105	14			168	9			GND001	05										
23076		XA105	14			XA105	12			168	9			GND001	06										
23077		XA105	12			XA105	10			168	9			GND001	07										
23078		XA105	10			XA105	08			168	9			GND001	08										
										****	SIGNAL			GND001		S ON THE NEXT PAGE ****									

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	COLOR	IDENT											
23079		XA105	08		XA105	06		168	9		GND001	09								
23080		XA105	06		XA105	04		168	9		GND001	10								
23081		XA105	04		XA105	02		168	9		GND001	11								
23082		XA105	02		XA106	02		168	9		GND001	12								
10831		XA106	02					168	9		GND001	13								
00275		XA104	12		XA104	14		168	9		GND002	00C								
17940		XA104	14		XA104	16		168	9		GND002	005								
10820		XA104	16		XA104	18		168	9		GND002	01								
17943		XA104	18		XA104	20		168	9		GND002	02								
17945		XA104	20		XA104	24		168	9		GND002	03								
17949		XA104	24		XA104	26		168	9		GND002	05								
17951		XA104	26		XA105	26		168	9		GND002	06							TD F/P	
23083		XA105	26		XA105	24		168	9		GND002	07								
23084		XA105	24		XA105	22		168	9		GND002	08								
23085		XA105	22		XA105	20		168	9		GND002	09								
23086		XA105	20		XA105	18		168	9		GND002	10								
23087		XA105	18		XA105	16		168	9		GND002	11								
23088		XA105	16		XA106	16		168	9		GND002	12								
23089		XA106	16					168	9		GND002	15								
17954		XA104	30		XA104	32		168	9		GND003	01	GROUND							
10821		XA104	32		XA104	33		168	9		GND003	02								
17956		XA104	33		XA104	34		168	9		GND003	025								
23090		XA104	34		XA104	36		168	9		GND003	03								
17959		XA104	36		XA104	38		168	9		GND003	04								
17961		XA104	38		XA104	40		168	9		GND003	05								
17963		XA104	40		XA104	42		168	9		GND003	055								
17965		XA104	42		XA105	40		168	9		GND003	06								
22050		XA105	40		XA105	38		168	9		GND003	07								
23091		XA105	38		XA105	36		168	9		GND003	08								
23092		XA105	36		XA105	34		168	9		GND003	09								
23093		XA105	34		XA105	32		168	9		GND003	10								
23094		XA105	32		XA105	30		168	9		GND003	11								
23095		XA105	30		XA105	28		168	9		GND003	12								
23096		XA105	28		XA106	32		168	9		GND003	13								
23097		XA106	32					168	9		GND003	14								
10822		XA104	44		XA104	46		168	9		GND004	01								
17968		XA104	46		XA104	48		168	9		GND004	02								
17970		XA104	48		XA104	50		168	9		GND004	03								
17972		XA104	50		XA105	54		168	9		GND004	04								
23098		XA105	54		XA105	52		168	9		GND004	07								
23099		XA105	52		XA105	50		168	9		GND004	08								
23100		XA105	50		XA105	48		168	9		GND004	09								
23101		XA105	48		XA105	46		168	9		GND004	10								
23102		XA105	46		XA105	44		168	9		GND004	11								
23103		XA105	44		XA105	42		168	9		GND004	12								
23104		XA105	42		XA106	44		168	9		GND004	13								
23105		XA106	44					168	9		GND004	14								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	SIZE	PREFIX	CONNECTOR	PIN	SIZE	MULTI GROUP	CODE	COLOR	IDENT											
17978		XA104	56		XA104	60				168	9		GND005	01									
17981		XA104	60		XA104	62				168	9		GND005	03									
17983		XA104	62		XA104	64				168	9		GND005	04									
17985		XA104	64		XA104	66				168	9		GND005	05									
17987		XA104	66		XA104	68				168	9		GND005	06									
17988		XA104	68		XA105	66				168	9		GND005	07									
23106		XA105	66		XA105	64				168	9		GND005	08									
23107		XA105	64		XA105	62				168	9		GND005	09									
23108		XA105	62		XA105	60				168	9		GND005	10									
23109		XA105	60		XA105	58				168	9		GND005	11									
23110		XA105	58		XA105	56				168	9		GND005	12									
23111		XA105	56		XA106	58				168	9		GND005	13									
23112		XA106	58							168	9		GND005	14									
17990		XA104	70		XA104	72				168	9		GND006	01									
17992		XA104	72		XA104	74				168	9		GND006	02									
17994		XA104	74		XA104	76				168	9		GND006	03									
17996		XA104	76		XA104	78				168	9		GND006	04									
17998		XA104	78		XA104	80				168	9		GND006	05									
18000		XA104	80		XA105	80				168	9		GND006	06									
22054		XA105	80		XA105	78				168	9		GND006	07									
23113		XA105	78		XA105	76				168	9		GND006	08									
23114		XA105	76		XA105	74				168	9		GND006	09									
23115		XA105	74		XA105	72				168	9		GND006	10									
23116		XA105	72		XA105	70				168	9		GND006	11									
23117		XA105	70		XA105	68				168	9		GND006	12									
23118		XA105	68		XA106	67				168	9		GND006	13									
23119		XA106	67							168	9		GND006	14									
22122		XA203	14		XA203	12				168	9		GND007	01									C03
22120		XA203	12		XA203	10				168	9		GND007	02									C03
22118		XA203	10		XA203	08				168	9		GND007	03									C03
22116		XA203	08		XA203	06				168	9		GND007	04									C03
22114		XA203	06		XA203	04				168	9		GND007	05									C03
22112		XA203	04		XA203	02				168	9		GND007	06									C03
22110		XA203	02		XA204	02				168	9		GND007	07									C03
23120		XA204	02							168	9		GND007	08									
22136		XA203	28		XA203	26				168	9		GND008	01									C03
22134		XA203	26		XA203	24				168	9		GND008	02									C03
22132		XA203	24		XA203	22				168	9		GND008	03									C03
22130		XA203	22		XA203	20				168	9		GND008	04									C03
22128		XA203	20		XA203	18				168	9		GND008	05									C03
22126		XA203	18		XA203	16				168	9		GND008	06									C03
22124		XA203	16		XA204	16				168	9		GND008	07									C03
23121		XA204	16							168	9		GND008	08									
22150		XA203	42		XA203	40				168	9		GND009	01									C03
										****		SIGNAL	GND009		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	LOAD CR 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										
22148		XA203	40		XA203	38				168	9		GND009	02				EXT				C03
22146		XA203	38		XA203	36				168	9		GND009	03				EXT				C03
22144		XA203	36		XA203	34				168	9		GND009	04				EXT				C03
22142		XA203	34		XA203	32				168	9		GND009	05				EXT				C03
22140		XA203	32		XA203	30				168	9		GND009	06				EXT				C03
2213E		XA203	30		XA204	32				168	9		GND009	07				EXT				C03
23122		XA204	32							168	9		GND009	08								
22164		XA203	56		XA203	54				168	9		GND010	01				EXT				C03
22162		XA203	54		XA203	52				168	9		GND010	02				EXT				C03
22160		XA203	52		XA203	50				168	9		GND010	03				EXT				C03
22158		XA203	50		XA203	48				168	9		GND010	04				EXT				C03
22156		XA203	48		XA203	46				168	9		GND010	05				EXT				C03
22154		XA203	46		XA203	44				168	9		GND010	06				EXT				C03
22152		XA203	44		XA204	44				168	9		GND010	07				EXT				C03
23123		XA204	44							168	9		GND010	08								
22176		XA203	68		XA203	66				168	9		GND011	01				EXT				C03
22174		XA203	66		XA203	64				168	9		GND011	02				EXT				C03
22172		XA203	64		XA203	62				168	9		GND011	03				EXT				C03
22170		XA203	62		XA204	58				168	9		GND011	04				EXT				C03
23124		XA204	58							168	9		GND011	07								
22188		XA203	80		XA203	78				168	9		GND012	01				EXT				C03
22186		XA203	78		XA203	76				168	9		GND012	02				EXT				C03
22184		XA203	76		XA203	74				168	9		GND012	03				EXT				C03
22182		XA203	74		XA203	72				168	9		GND012	04				EXT				C03
22180		XA203	72		XA203	70				168	9		GND012	05				EXT				C03
22178		XA203	70		XA204	67				168	9		GND012	06				EXT				C03
23125		XA204	67							168	9		GND012	07								
23126		XA303	14		XA303	12				168	9		GND013	01				EXT				
23127		XA303	12		XA303	10				168	9		GND013	02				EXT				
23128		XA303	10		XA303	08				168	9		GND013	03				EXT				
23129		XA303	08		XA303	06				168	9		GND013	04				EXT				
23130		XA303	06		XA303	04				168	9		GND013	05				EXT				
23131		XA303	04		XA303	02				168	9		GND013	06				EXT				
23132		XA303	02		XA304	02				168	9		GND013	07				EXT				
23133		XA304	02							168	9		GND013	08								
23134		XA303	28		XA303	26				168	9		GND014	01				EXT				
23135		XA303	26		XA303	24				168	9		GND014	02				EXT				
23136		XA303	24		XA303	22				168	9		GND014	03				EXT				
23137		XA303	22		XA303	20				168	9		GND014	04				EXT				
23138		XA303	20		XA303	18				168	9		GND014	05				EXT				
23139		XA303	18		XA303	16				168	9		GND014	06				EXT				
23140		XA303	16		XA304	16				168	9		GND014	07				EXT				
23141		XA304	16							168	9		GND014	08								
23142		XA303	42		XA303	40				168	9		GND015	01				EXT				
										****		SIGNAL	GND015					IS ON THE	NEXT PAGE	****		

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RECORD NUMBER	FROM				TO				WIRE				SFC INST	SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	LOC	PREFIX	CONNECTOR	PIN	LOC	MULTI GROUP	CODE	COLOR	IDEN														
23143		XA303	40		XA303	38				168	9		GND015	02				EXT								
23144		XA303	38		XA303	36				168	9		GND015	03				EXT								
23145		XA303	36		XA303	34				168	9		GND015	04				EXT								
23146		XA303	34		XA303	32				168	9		GND015	05				EXT								
23147		XA303	32		XA303	30				168	9		GND015	06				EXT								
23148		XA303	30		XA304	32				168	9		GND015	07				EXT								
23149		XA304	32							168	9		GND015	08												
23150		XA303	56		XA303	54				168	9		GND016	01				EXT								
23151		XA303	54		XA303	52				168	9		GND016	02				EXT								
23152		XA303	52		XA303	50				168	9		GND016	03				EXT								
23153		XA303	50		XA303	48				168	9		GND016	04				EXT								
23154		XA303	48		XA303	46				168	9		GND016	05				EXT								
23155		XA303	46		XA303	44				168	9		GND016	06				EXT								
23156		XA303	44		XA304	44				168	9		GND016	07				EXT								
23157		XA304	44							168	9		GND016	08												
23158		XA303	68		XA303	66				168	9		GND017	01				EXT								
23159		XA303	66		XA303	64				168	9		GND017	02				EXT								
23160		XA303	64		XA303	62				168	9		GND017	03				EXT								
23161		XA303	62		XA303	60				168	9		GND017	04				EXT								
23162		XA303	60		XA303	58				168	9		GND017	05				EXT								
23163		XA303	58		XA304	58				168	9		GND017	06				EXT								
23164		XA304	58							168	9		GND017	07												
23165		XA303	80		XA303	78				168	9		GND018	01				EXT								
23166		XA303	78		XA303	76				168	9		GND018	02				EXT								
23167		XA303	76		XA303	72				168	9		GND018	03				EXT								
23169		XA303	72		XA303	70				168	9		GND018	05				EXT								
23170		XA303	70		XA304	67				168	9		GND018	06				EXT								
23171		XA304	67							168	9		GND018	07												
23172		XA502	12		XA502	10				168	9		GND019	01				EXT								
23173		XA502	10		XA502	08				168	9		GND019	02				EXT								
23174		XA502	08		XA502	06				168	9		GND019	03				EXT								
23175		XA502	06		XA502	04				168	9		GND019	04				EXT								
23176		XA502	04		XA502	02				168	9		GND019	05				EXT								
23177		XA502	02		XA501	02				168	9		GND019	06				EXT								
23178		XA501	02							168	9		GND019	07				EXT								
23179		XA502	24		XA502	22				168	9		GND020	01				EXT								
23180		XA502	22		XA502	20				168	9		GND020	02				EXT								
23181		XA502	20		XA502	18				168	9		GND020	03				EXT								
23182		XA502	18		XA502	16				168	9		GND020	04				EXT								
23183		XA502	16		XA502	14				168	9		GND020	05				EXT								
23184		XA502	14		XA501	16				168	9		GND020	06				EXT								
23185		XA501	16							168	9		GND020	07				EXT								
23186		XA502	26		XA502	28				168	9		GND021	01				EXT								
23187		XA502	28		XA502	30				168	9		GND021	02				EXT								
									****	SIGNAL		GND021			S ON THE		NEXT PAGE	****								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
23188		XA502	30		XA502	32				168	9		GND021	03				EXT				
23189		XA502	32		XA502	34				168	9		GND021	04				EXT				
23190		XA502	34		XA502	36				168	9		GND021	05				EXT				
23191		XA502	36		XA501	32				168	9		GND021	06				EXT				
23192		XA501	32							168	9		GND021	07				EXT				
23193		XA502	38		XA502	40				168	9		GND022	01				EXT				
23194		XA502	40		XA502	42				168	9		GND022	02				EXT				
23195		XA502	42		XA502	44				168	9		GND022	03				EXT				
23196		XA502	44		XA502	46				168	9		GND022	04				EXT				
23197		XA502	46		XA502	48				168	9		GND022	05				EXT				
23198		XA502	48		XA502	50				168	9		GND022	06				EXT				
23199		XA502	50		XA502	52				168	9		GND022	07				EXT				
23200		XA502	52		XA501	58				168	9		GND022	08				EXT				
23201		XA501	58							168	9		GND022	09				EXT				
23202		XA502	54		XA502	56				168	9		GND023	01				EXT				
23203		XA502	56		XA502	58				168	9		GND023	02				EXT				
23204		XA502	58		XA502	60				168	9		GND023	03				EXT				
23205		XA502	60		XA502	62				168	9		GND023	04				EXT				
23206		XA502	62		XA502	66				168	9		GND023	05				EXT				
23207		XA502	66		XA501	68				168	9		GND023	06				EXT				
23208		XA501	68		XA502	78				168	9		GND023	07				EXT				
22290		XA502	78		XA502	80				168	9		GND023	08				EXT				
22292		XA502	80							168	9		GND023	09				EXT				
23209		XA201	10		XA202	10				168	9		GND024	01				EXT				
23210		XA202	10		XA201	12				168	9		GND024	02				EXT				
23211		XA201	12										GND024	03				EXT				
22094		XA201	74		XA201	76				168	9		GND025	01				EXT				
22096		XA201	76		XA202	76				168	9		GND025	02				EXT				
22104		XA202	76		XA202	74				168	9		GND025	03				EXT				
22102		XA202	74		XA201	72				168	9		GND025	04				EXT				
22092		XA201	72							168	9		GND025	05				EXT				
23212		XA301	10		XA302	10				168	9		GND026	01				EXT				
23213		XA302	10		XA301	12				168	9		GND026	02				EXT				
23214		XA301	12							168	9		GND026	03				EXT				
23215		XA302	74		XA302	76				168	9		GND027	01				EXT				
23216		XA302	76		XA302	80				168	9		GND027	02				EXT				
22214		XA302	80							168	9		GND027	03				EXT				
22224		XA401	10		XA402	10				168	9		GND028					EXT				
23217		XA402	10		XA402	12				168	9		GND028	02				EXT				
23219		XA402	12										GND028	04				EXT				
23220		XA401	74		XA401	76				168	9		GND029	01				EXT				
23221		XA401	76		XA402	76				168	9		GND029	02				EXT				
										****		SIGNAL	GND029		IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIH	POS	PREFIX	CONNECTOR	PIH	POS	MULTI GROUP	CODE	COLOR	IDENT											
23222		XA402	76		XA402	74			16B	9			GND029	03				EXT					
23223		XA402	74		XA401	80			16B	9			GND029	04				EXT					
23224		XA401	80						16B	9			GND029	05				EXT					
18145		XA107	01		XA107	02			16B	9			GND030	01				MTS					
10837		XA107	02		XA107	03			16B	9			GND030	02				MTS					
18146		XA107	03		XA107	04			16B	9			GND030	03				MTS					
18147		XA107	04						16B	9			GND030	04				MTS					
23336		XA107	16	1	XA107	15	1		16B	9			GND040	01				MTS					
18157		XA107	15						16B	9			GND040	02				MTS					
23338		XA107	52	1	XA107	58	1		16B	9			GND042	01				MTS					
23339		XA107	58						16B	9			GND042	02				MTS					
10842		XA107	67		XA107	63			16B	9			GND043	01	GROUND			MTS					
18200		XA107	63						16B	9			GND043	02				MTS					
23340		XA121	67		XA121	69			16B	9			GND044	01				RR1					
00022		XA121	69						16B	9			GND044	02				RR1	GP				
11807		XA544	01		XA437	13			16B	9			GR00V0	01	GR00V0	00	1	TQ2	A2			02B	
11808		XA437	13						16B	9			GR00V0	02	GR00XW	01	1	MEM	AW			06B	
11809		XA544	06		XA437	07			16B	9			GR00W0	01	GR00W0	00	1	TQ2	A1			05A	
11810		XA437	07						16B	9			GR00W0	02	GR00XV	01	1	MEM	AV			03A	
11811		XA437	09		XA439	06			16B	9			GR00XV	01	GR00XV	00	1	MEM	AV			04B	
11812		XA439	06						16B	9			GR00XV	02				RR1	A2				
11813		XA439	05		XA437	11			16B	9			GR00XW	01				RR1	A1				
11814		XA437	11		XA328	49			16B	9			GR00XW	02	GR00XW	00	1	MEM	AW			05B	
11815		XA328	49		XA318	76			16B	9			GR00XW	03	DG160D	01	2	TLD	D4			26B	
11816		XA318	76						16B	9			GR00XW	04	DG000D	01	1	TLD	F4			37A	
11817		XA544	15		XA438	13			16B	9			GR01V0	01	GR01V0	00	1	TQ2	A4			07B	
11818		XA438	13						16B	9			GR01V0	02	GR01XW	01	1	MEM	AW			06B	
11819		XA544	09		XA438	07			16B	9			GR01W0	01	GR01W0	00	1	TQ2	A3			04B	
11820		XA438	07						16B	9			GR01W0	02	GR01XV	01	1	MEM	AV			03A	
11821		XA438	09		XA439	08			16B	9			GR01XV	01	GR01XV	00	1	MEM	AV			04B	
11822		XA439	08						16B	9			GR01XV	02				RR1	A4				
11823		XA439	07		XA438	11			16B	9			GR01XW	01	GR01XW	00	1	RR1	A3				
11824		XA438	11		XA328	43			16B	9			GR01XW	02	GR01XW	00	1	MEM	AW			05B	
11825		XA328	43		XA318	65			16B	9			GR01XW	03	DG170D	01	2	TLD	D3			23B	
11826		XA318	65						16B	9			GR01XW	04	DG010D	01	1	TLD	F3			34B	
11827		XA544	14		XA440	13			16B	9			GR02V0	01	GR02V0	00	1	TQ2	B2			09A	
									****		SIGNAL		GR02V0		IS ON THE			NEXT PAGE			****		

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RECORD NUMBER	FROM				TO				WIRE	MULTI GROUP	COLOR	IDENT	SIGNAL	SEC. NO.	EQU. TION.	TERM. P.	FACTORY	CMT ORP CHPT TYPE	PLANE	LOAD OR POWER	TEST POINTS AND/OR ORG.	SIGNAL DESCRIPTION	EQUI. NO.
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE															
11828		XA440	13					168	9			GR02W0	02	GR02XW	01	L	MEMM	AW					
11829		XA544	22		XA440	07		168	9			GR02W0	01	GR02W0	00	L	TO2	B1			128		
11830		XA440	07					168	9			GR02W0	02	GR02XV	01	L	MEMM	AW			038		
11831		XA439	10		XA440	09		168	9			GR02XV	01				RR1	A6					
11832		XA440	09					168	9			GR02XV	02	GR02XV	00	L	MEMM	AW			048		
11833		XA439	09		XA440	11		168	9			GR02XW	01				RR1	A5					
11834		XA440	11		XA328	50		168	9			GR02XW	02	GR02XW	00	L	MEMM	AW			058		
11835		XA328	50		XA318	71		168	9			GR02XW	03	DG1800	01	L	TRD	D2			238		
11836		XA318	71					168	9			GR02XW	04	DG0200	01	L	TRD	F2			368		
11837		XA544	27		XA441	13		168	9			GR03W0	01	GR03W0	00	L	TO2	B4			138		
11838		XA441	13					168	9			GR03W0	02	GR03XW	01	L	MEMM	AW			068		
11839		XA544	21		XA441	07		168	9			GR03W0	01	GR03W0	00	L	TO2	B3			108		
11840		XA441	07					168	9			GR03W0	02	GR03XV	01	L	MEMM	AW			038		
11841		XA439	18		XA441	09		168	9			GR03XV	01				RR1	B2					
11842		XA441	09					168	9			GR03XV	02	GR03XV	00	L	MEMM	AW			048		
11843		XA439	17		XA441	11		168	9			GR03XW	01				RR1	B1					
11844		XA441	11		XA328	56		168	9			GR03XW	02	GR03XW	00	L	MEMM	AW			058		
11845		XA328	56		XA318	79		168	9			GR03XW	03	DG1900	01	L	TRD	D1			248		
11846		XA318	79					168	9			GR03XW	04	DG0300	01	L	TRD	F1			398		
11847		XA544	30		XA442	13		168	9			GR04W0	01	GR04W0	00	L	TO2	C2			158		
11848		XA442	13					168	9			GR04W0	02	GR04XW	01	L	MEMM	AW			068		
11849		XA544	38		XA442	07		168	9			GR04W0	01	GR04W0	00	L	TO2	C1			188		
11850		XA442	07					168	9			GR04W0	02	GR04XV	01	L	MEMM	AW			038		
11851		XA442	09		XA444	06		168	9			GR04XV	01	GR04XV	00	L	MEMM	AW			048		
11852		XA444	06					168	9			GR04XV	02				RR1	A2					
11853		XA444	05		XA442	11		168	9			GR04XW	01				RR1	A1					
11854		XA442	11		XA328	37		168	9			GR04XW	02	GR04XW	00	L	MEMM	AW			058		
11855		XA328	37		XA318	59		168	9			GR04XW	03	DG2000	01	L	TRD	E4			168		
11856		XA318	59					168	9			GR04XW	04	DG0400	01	L	TRD	E4			318		
11857		XA544	39		XA443	13		168	9			GR05W0	01	GR05W0	00	L	TO2	C4			198		
11858		XA443	13					168	9			GR05W0	02	GR05XW	01	L	MEMM	AW			068		
11859		XA544	33		XA443	07		168	9			GR05W0	01	GR05W0	00	L	TO2	C3			168		
11860		XA443	07					168	9			GR05W0	02	GR05XV	01	L	MEMM	AW			038		
11861		XA443	09		XA444	08		168	9			GR05XV	01	GR05XV	00	L	MEMM	AW			048		
11862		XA444	08					168	9			GR05XV	02				RR1	A4					
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT
11863		XA444	07		XA443	11			168	9			GR05XW	01			RR1	A3					
11864		XA443	11		XA328	31			168	9			GR05XW	02	GR05XW	00	1	MEM	AW		05B		
11865		XA328	31		XA318	53			168	9			GR05XW	03	DG2100	01	2	TLD	C3		15B		
11866		XA318	53						168	9			GR05XW	04	DG0500	01	1	TLD	E3		28B		
11867		XA544	46		XA445	13			168	9			GR06V0	01	GR06V0	00	1	TQ2	D2		21A		
11868		XA445	13						168	9			GR06V0	02	GR06XW	01	1	MEM	AW		06B		
11869		XA544	52		XA445	07			168	9			GR06W0	01	GR06W0	00	1	TQ2	D1		24A		
11870		XA445	07						168	9			GR06W0	02	GR06XV	01	1	MEM	AV		03A		
11871		XA444	10		XA445	09			168	9			GR06XV	01			RR1	A6					
11872		XA445	09						168	9			GR06XV	02	GR06XV	00	1	MEM	AV		04B		
11873		XA444	09		XA445	11			168	9			GR06XW	01			RR1	A5					
11874		XA445	11		XA328	36			168	9			GR06XW	02	GR06XW	00	1	MEM	AW		05B		
11875		XA328	36		XA318	62			168	9			GR06XW	03	DG2200	01	1	TLD	C2		17A		
11876		XA318	62						168	9			GR06XW	04	DG0600	01	2	TLD	E2		29A		
11877		XA544	51		XA446	13			168	9			GR07V0	01	GR07V0	00	1	TQ2	D4		27B		
11878		XA446	13						168	9			GR07V0	02	GR07XW	01	1	MEM	AW		06B		
11879		XA544	45		XA446	07			168	9			GR07W0	01	GR07W0	00	1	TQ2	D3		24B		
11880		XA446	07						168	9			GR07W0	02	GR07XV	01	1	MEM	AV		03A		
11881		XA444	18		XA446	09			168	9			GR07XV	01			RR1	B2					
11882		XA446	09						168	9			GR07XV	02	GR07XV	00	1	MEM	AV		04B		
11883		XA444	17		XA446	11			168	9			GR07XW	01			RR1	B1					
11884		XA446	11		XA328	42			168	9			GR07XW	02	GR07XW	03	1	MEM	AW		05B		
11885		XA328	42		XA318	68			168	9			GR07XW	03	DG2300	01	1	TLD	C1		20A		
11886		XA318	68						168	9			GR07XW	04	DG0700	01	2	TLD	E1		32A		
11887		XA546	01		XA437	37			168	9			GR08V0	01	GR08V0	00	1	TQ2	A2		02B		
11888		XA437	37						168	9			GR08V0	02	GR08XW	01	1	MEM	BW		18B		
11889		XA546	06		XA437	31			168	9			GR08W0	01	GR08W0	00	1	TQ2	A1		05A		
11890		XA437	31						168	9			GR08W0	02	GR08XV	01	1	MEM	BV		15B		
11891		XA437	33		XA439	20			168	9			GR08XV	01	GR08XV	00	1	MEM	BV		16B		
11892		XA439	20						168	9			GR08XV	02			RR1	B4					
11893		XA439	19		XA437	35			168	9			GR08XW	01			RR1	B3					
11894		XA437	35		XA328	76			168	9			GR08XW	02	GR08XW	00	1	MEM	BW		17B		
11895		XA328	76		XA328	25			168	9			GR08XW	03	DG0800	01	1	TLD	F4		37A		
11896		XA328	25						168	9			GR08XW	04	DG2400	01	2	TLD	B4		12B		
11897		XA546	15		XA438	37			168	9			GR09V0	01	GR09V0	00	1	TQ2	A4		07B		
11898		XA438	37						168	9			GR09V0	02	GR09XW	01	1	MEM	BW		18B		
												****	SIGNAL	GR09W0	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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
11899		XA546	09		XA438	31				16B	9		GR09W0	01	GR09W0	00	1	TQ2	A3		04B			
11900		XA438	31							16B	9		GR09W0	02	GR09XV	01	1	MEM	BV		15B			
11901		XA438	33		XA439	24				16B	9		GR09XV	01	GR09XV	00	1	MEM	BV		16B			
11902		XA439	24							16B	9		GR09XV	02				RR1	B5					
11903		XA439	23		XA438	35				16B	9		GR09XW	01				RR1	C1					
11904		XA438	35		XA328	65				16B	9		GR09XW	02	GR09XW	00	1	MEM	BW		17B			
11905		XA328	65		XA328	19				16B	9		GR09XW	03	DG0900	01	1	TLD	F3		34B			
11906		XA328	19							16B	9		GR09XW	04	DG2500	01	2	TLD	B3		09B			
11907		XA546	14		XA440	37				16B	9		GR10V0	01	GR10V0	00	1	TQ2	B2		09A			
11908		XA440	37							16B	9		GR10V0	02	GR10XW	01	1	MEM	BW		18B			
11909		XA546	22		XA440	31				16B	9		GR10W0	01	GR10W0	00	1	TQ2	B1		12A			
11910		XA440	31							16B	9		GR10W0	02	GR10XV	01	1	MEM	BV		15B			
11911		XA439	26		XA440	33				16B	9		GR10XV	01				RR1	B6					
11912		XA440	33							16B	9		GR10XV	02	GR10XV	00	1	MEM	BV		16B			
11913		XA439	25		XA440	35				16B	9		GR10XW	01				RR1	C2					
11914		XA440	35		XA328	71				16B	9		GR10XW	02	GR10XW	00	1	MEM	BW		17B			
11915		XA328	71		XA328	20				16B	9		GR10XW	03	DG1000	01	2	TLD	F2		36A			
11916		XA328	20							16B	9		GR10XW	04	DG2600	01	1	TLD	B2		11A			
11917		XA546	27		XA441	37				16B	9		GR11V0	01	GR11V0	00	1	TQ2	B4		13B			
11918		XA441	37							16B	9		GR11V0	02	GR11XW	01	1	MEM	BW		18B			
11919		XA546	21		XA441	31				16B	9		GR11W0	01	GR11W0	00	1	TQ2	B3		10B			
11920		XA441	31							16B	9		GR11W0	02	GR11XV	01	1	MEM	BV		15B			
11921		XA439	30		XA441	33				16B	9		GR11XV	01				RR1	C4					
11922		XA441	33							16B	9		GR11XV	02	GR11XV	00	1	MEM	BV		16B			
11923		XA439	29		XA441	35				16B	9		GR11XW	01				RR1	C3					
11924		XA441	35		XA328	77				16B	9		GR11XW	02	GR11XW	00	1	MEM	BW		17B			
11925		XA328	77		XA328	26				16B	9		GR11XW	03	DG1100	01	2	TLD	F1		38B			
11926		XA328	26							16B	9		GR11XW	04	DG2700	01	1	TLD	B1		14A			
11927		XA546	30		XA442	37				16B	9		GR12V0	01	GR12V0	00	1	TQ2	C2		15A			
11928		XA442	37							16B	9		GR12V0	02	GR12XW	01	1	MEM	BW		18B			
11929		XA546	38		XA442	31				16B	9		GR12W0	01	GR12W0	00	1	TQ2	C1		18A			
11930		XA442	31							16B	9		GR12W0	02	GR12XV	01	1	MEM	BV		15B			
11931		XA442	33		XA444	20				16B	9		GR12XV	01	GR12XV	00	1	MEM	BV		16B			
11932		XA444	20							16B	9		GR12XV	02				RR1	B4					
11933		XA444	19		XA442	35				16B	9		GR12XW	01				RR1	B3					
11934		XA442	35		XA328	59				16B	9		GR12XW	02	GR12XW	00	1	MEM	BW		17B			
										****		SIGNAL	GR12XW		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
11935		XA328	59		XA328	13		168	9				GR12XW	03	DG120D	01	1	TLD	E4		31B		
11936		XA328	13					168	9				GR12XW	04	DG280D	01	2	TLD	A4		06B		
11937		XA546	39		XA443	37		168	9				GR13V0	01	GR13V0	00	1	TQ2	C4		19B		
11938		XA443	37					168	9				GR13V0	02	GR13XW	01	1	MEM	BW		18B		
11939		XA546	33		XA443	31		168	9				GR13W0	01	GR13W0	00	1	TQ2	C3		16B		
11940		XA443	31					168	9				GR13W0	02	GR13XV	01	1	MEM	BV		15B		
11941		XA443	33		XA444	24		168	9				GR13XV	01	GR13XV	00	1	MEM	BV		16B		
11942		XA444	24					168	9				GR13XV	02				RR1	B5				
11943		XA444	23		XA443	35		168	9				GR13XW	01				RR1	C1				
11944		XA443	35		XA328	53		168	9				GR13XW	02	GR13XW	00	1	MEM	BW		17B		
11945		XA328	53		XA328	07		168	9				GR13XW	03	DG130D	01	1	TLD	E3		28B		
11946		XA328	07					168	9				GR13XW	04	DG290D	01	2	TLD	A3		03A		
11947		XA546	46		XA445	37		168	9				GR14V0	01	GR14V0	00	1	TQ2	D2		21A		
11948		XA445	37					168	9				GR14V0	02	GR14XW	01	1	MEM	BW		18B		
11949		XA546	52		XA445	31		168	9				GR14W0	01	GR14W0	00	1	TQ2	D1		24A		
11950		XA445	31					168	9				GR14W0	02	GR14XV	01	1	MEM	BV		15B		
11951		XA444	26		XA445	33		168	9				GR14XV	01				RR1	B6				
11952		XA445	33					168	9				GR14XV	02	GR14XV	00	1	MEM	BV		16B		
11953		XA444	25		XA445	35		168	9				GR14XW	01				RR1	C2				
11954		XA445	35		XA328	62		168	9				GR14XW	02	GR14XW	00	1	MEM	BW		17B		
11955		XA328	62		XA328	04		168	9				GR14XW	03	DG140D	01	2	TLD	E2		29A		
11956		XA328	04					168	9				GR14XW	04	DG300D	01	1	TLD	A2		04A		
11957		XA546	51		XA446	37		168	9				GR15V0	01	GR15V0	00	1	TQ2	D4		27B		
11958		XA446	37					168	9				GR15V0	02	GR15XW	01	1	MEM	BW		18B		
11959		XA546	45		XA446	31		168	9				GR15W0	01	GR15W0	00	1	TQ2	D3		24B		
11960		XA446	31					168	9				GR15W0	02	GR15XV	01	1	MEM	BV		15B		
11961		XA444	30		XA446	33		168	9				GR15XV	01				RR1	C4				
11962		XA446	33					168	9				GR15XV	02	GR15XV	00	1	MEM	BV		16B		
11963		XA444	29		XA446	35		168	9				GR15XW	01				RR1	C3				
11964		XA446	35		XA328	68		168	9				GR15XW	02	GR15XW	00	1	MEM	BW		17B		
11965		XA328	68		XA328	10		168	9				GR15XW	03	DG150D	01	2	TLD	E1		32A		
11966		XA328	10					168	9				GR15XW	04	DG310D	01	1	TLD	A1		07A		
11967		XA548	01		XA437	49		168	9				GR16V0	01	GR16V0	00	1	TQ2	A2		02B		
11968		XA437	49					168	9				GR16V0	02	GR16XW	01	1	MEM	CW		26B		
11969		XA548	06		XA437	43		168	9				GR16W0	01	GR16W0	00	1	TQ2	A1		05A		
11970		XA437	43					168	9				GR16W0	02	GR16XV	01	1	MEM	CV		23B		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI BRD	CODE	COLOR	IDENT											
11971		XA437	45		XA439	36				16B	9		GR16XV	01	GR16XV	00	1	MEM	CV		24B		
11972		XA439	36							16B	9		GR16XV	02				RR1	C6				
11973		XA439	35		XA437	47				16B	9		GR16XW	01				RR1	D1				
11974		XA437	47		XA327	49				16B	9		GR16XW	02	GR16XW	00	1	MEM	CW		25B		
11975		XA327	45							16B	9		GR16XW	03	DG161D	01	2	TLD	D4		26B		
11976		XA548	15		XA438	49				16B	9		GR17V0	01	GR17V0	00	1	TQ2	A4		07B		
11977		XA438	49							16B	9		GR17V0	02	GR17XW	01	1	MEM	CW		26B		
11978		XA548	09		XA438	43				16B	9		GR17W0	01	GR17W0	00	1	TQ2	A3		04B		
11979		XA438	43							16B	9		GR17W0	02	GR17XV	01	1	MEM	CV		23B		
11980		XA438	45		XA439	38				16B	9		GR17XV	01	GR17XV	00	1	MEM	CV		24B		
11981		XA439	38							16B	9		GR17XV	02				RR1	C5				
11982		XA439	37		XA438	47				16B	9		GR17XW	01				RR1	D2				
11983		XA438	47		XA327	43				16B	9		GR17XW	02	GR17XW	00	1	MEM	CW		25B		
11984		XA327	43							16B	9		GR17XW	03	DG171D	01	2	TLD	D3		23B		
11985		XA548	14		XA440	49				16B	9		GR18V0	01	GR18V0	00	1	TQ2	B2		09A		
11986		XA440	49							16B	9		GR18V0	02	GR18XW	01	1	MEM	CW		26B		
11987		XA548	22		XA440	43				16B	9		GR18W0	01	GR18W0	00	1	TQ2	B1		12A		
11988		XA440	43							16B	9		GR18W0	02	GR18XV	01	1	MEM	CV		23B		
11989		XA439	40		XA440	45				16B	9		GR18XV	01				RR1	D4				
11990		XA440	45							16B	9		GR18XV	02	GR18XV	00	1	MEM	CV		24B		
11991		XA439	39		XA440	47				16B	9		GR18XW	01				RR1	D3				
11992		XA440	47		XA327	50				16B	9		GR18XW	02	GR18XW	00	1	MEM	CW		25B		
11993		XA327	50							16B	9		GR18XW	03	DG181D	01	1	TLD	D2		23A		
11994		XA548	27		XA441	49				16B	9		GR19V0	01	GR19V0	00	1	TQ2	B4		13B		
11995		XA441	45							16B	9		GR19V0	02	GR19XW	01	1	MEM	CW		26B		
11996		XA548	21		XA441	43				16B	9		GR19W0	01	GR19W0	00	1	TQ2	B3		10B		
11997		XA441	43							16B	9		GR19W0	02	GR19XV	01	1	MEM	CV		23B		
11998		XA439	42		XA441	45				16B	9		GR19XV	01				RR1	D5				
11999		XA441	45							16B	9		GR19XV	02	GR19XV	00	1	MEM	CV		24B		
12000		XA439	41		XA441	47				16B	9		GR19XW	01				RR1	E1				
12001		XA441	47		XA327	56				16B	9		GR19XW	02	GR19XW	00	1	MEM	CW		25B		
12002		XA327	56							16B	9		GR19XW	03	DG191D	01	1	TLD	D1		26A		
12003		XA548	30		XA442	49				16B	9		GR20V0	01	GR20V0	00	1	TQ2	C2		15A		
12004		XA442	49							16B	9		GR20V0	02	GR20XW	01	1	MEM	CW		26B		

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
12005		XA548	38			XA442	43		168	9			GR20W0	01	GR20W0	00	1	TQ2	C1		18A		
12006		XA442	43						168	9			GR20W0	02	GR20XV	01	1	MEM	CV		23B		
12007		XA442	45			XA444	36		168	9			GR20XV	01	GR20XV	00	1	MEM	CV		24B		
12008		XA444	36						168	9			GR20XV	02				RR1	C6				
12009		XA444	35			XA442	47		168	9			GR20XW	01				RR1	D1				
12010		XA442	47			XA327	37		168	9			GR20XW	02	GR20XW	00	1	MEM	CW		25B		
12011		XA327	37						168	9			GR20XW	03	DG201D	01	2	TLD	C4		18B		
12014		XA548	35			XA443	49		168	9			GR21V0	01	GR21V0	00	1	TQ2	C4		19B		
12015		XA443	49						168	9			GR21V0	02	GR21XW	01	1	MEM	CW		26B		
12016		XA548	33			XA443	43		168	9			GR21W0	01	GR21W0	00	1	TQ2	C3		16B		
12017		XA443	43						168	9			GR21W0	02	GR21XV	01	1	MEM	CV		23B		
12018		XA443	43			XA444	38		168	9			GR21XV	01	GR21XV	00	1	MEM	CV		24B		
12019		XA444	38						168	9			GR21XV	02				RR1	C5				
12020		XA444	37			XA443	47		168	9			GR21XW	01				RR1	D2				
12021		XA443	47			XA327	31		168	9			GR21XW	02	GR21XW	00	1	MEM	CW		25B		
12022		XA327	31						168	9			GR21XW	03	DG211D	01	2	TLD	C3		15B		
12025		XA548	46			XA445	49		168	9			GR22V0	01	GR22V0	00	1	TQ2	D2		21A		
12026		XA445	49						168	9			GR22V0	02	GR22XW	01	1	MEM	CW		26B		
12027		XA548	52			XA445	43		168	9			GR22W0	01	GR22W0	00	1	TQ2	D1		24A		
12028		XA445	43						168	9			GR22W0	02	GR22XV	01	1	MEM	CV		23B		
12029		XA444	40			XA445	45		168	9			GR22XV	01				RR1	D4				
12030		XA445	45						168	9			GR22XV	02	GR22XV	00	1	MEM	CV		24B		
12031		XA444	39			XA445	47		168	9			GR22XW	01				RR1	D3				
12032		XA445	47			XA327	36		168	9			GR22XW	02	GR22XW	00	1	MEM	CW		25B		
12033		XA327	36						168	9			GR22XW	03	DG221D	01	1	TLD	C2		17A		
12036		XA548	51			XA446	49		168	9			GR23V0	01	GR23V0	00	1	TQ2	D4		27B		
12037		XA446	49						168	9			GR23V0	02	GR23XW	01	1	MEM	CW		26B		
12038		XA548	45			XA446	43		168	9			GR23W0	01	GR23W0	00	1	TQ2	D3		24B		
12039		XA446	43						168	9			GR23W0	02	GR23XV	01	1	MEM	CV		23B		
12040		XA444	42			XA446	45		168	9			GR23XV	01				RR1	D5				
12041		XA446	45						168	9			GR23XV	02	GR23XV	00	1	MEM	CV		24B		
12042		XA444	41			XA446	47		168	9			GR23XW	01				RR1	E1				
12043		XA446	47			XA327	42		168	9			GR23XW	02	GR23XW	00	1	MEM	CW		25B		
12044		XA327	42						168	9			GR23XW	03	DG231D	01	1	TLD	C1		20A		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
12047		XA544	60		XA437	78				16B	9		GR24V0	01	GR24V0	00	1	TQ2	E2		28A		
12048		XA437	78							16B	9		GR24V0	02	GR24XW	01	1	MEM	DW		38A		
12049		XA544	66		XA437	74				16B	9		GR24W0	01	GR24W0	00	1	TQ2	E1		31A		
12050		XA437	74							16B	9		GR24W0	02	GR24XV	01	1	MEM	DV		35B		
12051		XA437	69		XA439	46				16B	9		GR24XV	01	GR24XV	00	1	MEM	DV		35A		
12052		XA439	46							16B	9		GR24XV	02			1	RR1	D6				
12053		XA439	45		XA437	76				16B	9		GR24XW	01				RR1	E2				
12054		XA437	76		XA327	25				16B	9		GR24XW	02	GR24XW	00	1	MEM	DW		37A		
12055		XA327	25							16B	9		GR24XW	03	DG241D	01	2	TLD	B4		12B		
12058		XA544	63		XA438	78				16B	9		GR25V0	01	GR25V0	00	1	TQ2	E4		33B		
12059		XA438	78							16B	9		GR25V0	02	GR25XW	01	1	MEM	DW		38A		
12060		XA544	57		XA438	74				16B	9		GR25W0	01	GR25W0	00	1	TQ2	E3		30B		
12061		XA438	74							16B	9		GR25W0	02	GR25XV	01	1	MEM	DV		35B		
12062		XA438	69		XA439	48				16B	9		GR25XV	01	GR25XV	00	1	MEM	DV		35A		
12063		XA439	48							16B	9		GR25XV	02			1	RR1	E4				
12064		XA439	47		XA438	76				16B	9		GR25XW	01				RR1	E3				
12065		XA438	76		XA327	19				16B	9		GR25XW	02	GR25XW	00	1	MEM	DW		37A		
12066		XA327	19							16B	9		GR25XW	03	DG251D	01	2	TLD	B3		09B		
12069		XA544	72		XA440	78				16B	9		GR26V0	01	GR26V0	00	1	TQ2	F2		34A		
12070		XA440	78							16B	9		GR26V0	02	GR26XW	01	1	MEM	DW		36A		
12071		XA544	75		XA440	74				16B	9		GR26W0	01	GR26W0	00	1	TQ2	F1		37B		
12072		XA440	74							16B	9		GR26W0	02	GR26XV	01	1	MEM	DV		35B		
12073		XA439	52		XA440	69				16B	9		GR26XV	01				RR1	E5				
12074		XA440	69							16B	9		GR26XV	02	GR26XV	00	1	MEM	DV		35A		
12075		XA439	51		XA440	76				16B	9		GR26XW	01				RR1	F1				
12076		XA440	76		XA327	20				16B	9		GR26XW	02	GR26XW	00	1	MEM	DW		37A		
12077		XA327	20							16B	9		GR26XW	03	DG261D	01	1	TLD	B2		11A		
12080		XA546	60		XA441	78				16B	9		GR27V0	01	GR27V0	00	1	TQ2	E2		28A		
12081		XA441	78							16B	9		GR27V0	02	GR27XW	01	1	MEM	DW		38A		
12082		XA546	66		XA441	74				16B	9		GR27W0	01	GR27W0	00	1	TQ2	E1		31A		
12083		XA441	74							16B	9		GR27W0	02	GR27XV	01	1	MEM	DV		35B		
12084		XA439	54		XA441	69				16B	9		GR27XV	01				RR1	E6				
12085		XA441	69							16B	9		GR27XV	02	GR27XV	00	1	MEM	DV		35A		
										****	SIGNAL		GR27XW		IS ON THE	NEXT PAGE	****						

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLCR	IDENT											
12086		XA439	53		XA441	76				16B	9		GR27XW	01				RR1	F2				
12087		XA441	76		XA327	26				16B	9		GR27XW	02	GR27XW	00	1	MEM	DW		37A		
12088		XA327	26							16B	9		GR27XW	03	DG271D	01	1	TLD	B1		14A		
12091		XA546	63		XA442	78				16B	9		GR28V0	01	GR28V0	00	1	TQ2	E4		33B		
12092		XA442	78							16B	9		GR28V0	02	GR28XW	01	1	MEM	DW		38A		
12093		XA546	57		XA442	74				16B	9		GR28W0	01	GR28W0	00	1	TQ2	E3		30B		
12094		XA442	74							16B	9		GR28W0	02	GR28XV	01	1	MEM	DV		35B		
12095		XA442	65		XA444	46				16B	9		GR28XV	01	GR28XV	00	1	MEM	DV		35A		
12096		XA444	46							16B	9		GR28XV	02				RR1	D6				
12097		XA444	45		XA442	76				16B	9		GR28XW	01				RR1	E2				
12098		XA442	76		XA327	13				16B	9		GR28XW	02	GR28XW	00	1	MEM	DW		37A		
12099		XA327	13							16B	9		GR28XW	03	DG281D	01	2	TLD	A4		06B		
12102		XA546	72		XA443	78				16B	9		GR29V0	01	GR29V0	00	1	TQ2	F2		34A		
12103		XA443	78							16B	9		GR29V0	02	GR29XW	01	1	MEM	DW		38A		
12104		XA546	75		XA443	74				16B	9		GR29W0	01	GR29W0	00	1	TQ2	F1		37B		
12105		XA443	74							16B	9		GR29W0	02	GR29XV	01	1	MEM	DV		35B		
12106		XA443	69		XA444	48				16B	9		GR29XV	01	GR29XV	00	1	MEM	DV		35A		
12107		XA444	48							16B	9		GR29XV	02				RR1	E4				
12108		XA444	47		XA443	76				16B	9		GR29XW	01				RR1	E3				
12109		XA443	76		XA327	07				16B	9		GR29XW	02	GR29XW	00	1	MEM	DW		37A		
12110		XA327	07							16B	9		GR29XW	03	DG291D	01	2	TLD	A3		03A		
12113		XA548	60		XA445	78				16B	9		GR30V0	01	GR30V0	00	1	TQ2	E2		28A		
12114		XA445	78							16B	9		GR30V0	02	GR30XW	01	1	MEM	DW		38A		
12115		XA548	66		XA445	74				16B	9		GR30W0	01	GR30W0	00	1	TQ2	E1		31A		
12116		XA445	74							16B	9		GR30W0	02	GR30XV	01	1	MEM	DV		35B		
12117		XA444	52		XA445	69				16B	9		GR30XV	01				RR1	E5				
12118		XA445	69							16B	9		GR30XV	02	GR30XV	00	1	MEM	DV		35A		
12119		XA444	51		XA445	76				16B	9		GR30XW	01				RR1	F1				
12120		XA445	76		XA327	04				16B	9		GR30XW	02	GR30XW	00	1	MEM	DW		37A		
12121		XA327	04							16B	9		GR30XW	03	DG301D	01	1	TLD	A2		04A		
12124		XA548	63		XA446	78				16B	9		GR31V0	01	GR31V0	00	1	TQ2	E4		33B		
12125		XA446	78							16B	9		GR31V0	02	GR31XW	01	1	MEM	DW		38A		
12126		XA548	57		XA446	74				16B	9		GR31W0	01	GR31W0	00	1	TQ2	E3		30B		
12127		XA446	74							16B	9		GR31W0	02	GR31XV	01	1	MEM	DV		35B		
12128		XA444	54		XA446	69				16B	9		GR31XV	01				RR1	E6				
										****		SIGNAL	GR31XV		S ON THE		NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
12129		XA446	69							168	9			GR31XV	02	GR31XV	00	1	MEM	DV		35A		
12130		XA444	53		XA446	76				168	9			GR31XW	01				RR1	F2				
12131		XA446	76		XA327	10				168	9			GR31XW	02	GR31XW	00	1	MEM	DW		37A		
12132		XA327	10							168	9			GR31XW	03	OG311D	01	1	TLD	A1		07A		
12135		XA451	06		XA447	07				168	9			GX100A	01	GX100A	00	1	TQ2	A1		05A		
12136		XA447	07		XA447	08				168	9			GX100A	02	GX1010	01	2	TQ2	A3		03A		
12137		XA447	08		XA447	19				168	9			GX100A	03	GX1000	01	2	TQ2	A1		08A		
12138		XA447	19		XA447	24				168	9			GX100A	04	GX1030	01	2	TQ2	B3		09B		
12139		XA447	24		XA447	31				168	9			GX100A	05	GX1020	01	2	TQ2	B1		13A		
12140		XA447	31		XA447	40				168	9			GX100A	06	GX1050	01	2	TQ2	C3		15B		
12141		XA447	40							168	9			GX100A	07	GX1040	01	2	TQ2	C1		19A		
12142		XA447	06		XA440	06				168	9			GX1000	01	GX1000	00	1	TQ2	A1		05A		
12143		XA440	06		XA438	06				168	9			GX1000	02	GR02XX	01	1	MEM	AX		05A		
12144		XA438	06		XA437	06				168	9			GX1000	03	GR01XX	01	1	MEM	AX		05A		
12145		XA437	06							168	9			GX1000	04	GR00XX	01	1	MEM	AX		05A		
12146		XA447	09		XA443	06				168	9			GX1010	01	GX1010	00	1	TQ2	A3		04B		
12147		XA443	06		XA442	06				168	9			GX1010	02	GR05XX	01	1	MEM	AX		05A		
12148		XA442	06		XA441	06				168	9			GX1010	03	GR04XX	01	1	MEM	AX		05A		
12149		XA441	06							168	9			GX1010	04	GR03XX	01	1	MEM	AX		05A		
12150		XA447	22		XA446	06				168	9			GX1020	01	GX1020	00	1	TQ2	B1		12A		
12151		XA446	06		XA445	06				168	9			GX1020	02	GR07XX	01	1	MEM	AX		05A		
12152		XA445	06							168	9			GX1020	03	GR06XX	01	1	MEM	AX		05A		
12153		XA447	21		XA440	38				168	9			GX1030	01	GX1030	00	1	TQ2	B3		10B		
12154		XA440	38		XA438	38				168	9			GX1030	02	GR10XX	01	1	MEM	BX		18A		
12155		XA438	38		XA437	38				168	9			GX1030	03	GR09XX	01	1	MEM	BX		18A		
12156		XA437	38							168	9			GX1030	04	GR08XX	01	1	MEM	BX		18A		
12157		XA447	38		XA443	38				168	9			GX1040	01	GX1040	00	1	TQ2	C1		18A		
12158		XA443	38		XA442	38				168	9			GX1040	02	GR13XX	01	1	MEM	BX		18A		
12159		XA442	38		XA441	38				168	9			GX1040	03	GR12XX	01	1	MEM	BX		18A		
12160		XA441	38							168	9			GX1040	04	GR11XX	01	1	MEM	BX		18A		
12161		XA447	33		XA446	38				168	9			GX1050	01	GX1050	00	1	TQ2	C3		16B		
12162		XA446	38		XA445	38				168	9			GX1050	02	GR15XX	01	1	MEM	BX		18A		
12163		XA445	38							168	9			GX1050	03	GR14XX	01	1	MEM	BX		18A		
12164		XA451	66		XA447	77				168	9			GX106A	01	GX106A	00	1	TQ2	E1		31A		
12165		XA447	77		XA447	74				168	9			GX106A	02	GX1100	01	2	TQ2	F1		30B		
12166		XA447	74		XA447	68				168	9			GX106A	03	GX1110	01	2	TQ2	F3		35B		
12167		XA447	68		XA447	55				168	9			GX106A	04	GX1080	01	2	TQ2	E1		32A		
12168		XA447	55		XA447	54				168	9			GX106A	05	GX1090	01	2	TQ2	E3		29B		
12169		XA447	54		XA447	43				168	9			GX106A	06	GX1060	01	2	TQ2	D1		25A		
12170		XA447	43							168	9			GX106A	07	GX1070	01	2	TQ2	D3		23B		
														****	SIGNAL	GX1060			IS ON THE	NEXT PAGE	****			



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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										AND	OR		
12171		XA447	52		XA440	52		168	9			GX1060	01	GX1060	00	1	TQ2	D1		24A				
12172		XA440	52		XA438	52		168	9			GX1060	02	GR18XX	01	1	MEM	CX			24A			
12173		XA438	52		XA437	52		168	9			GX1060	03	GR17XX	01	1	MEM	CX			24A			
12174		XA437	52					168	9			GX1060	04	GR16XX	01	1	MEM	CX			24A			
12175		XA447	45		XA443	52		168	9			GX1070	01	GX1070	00	1	TQ2	D3			24B			
12176		XA443	52		XA442	52		168	9			GX1070	02	GR21XX	01	1	MEM	CX			24A			
12177		XA442	52		XA441	52		168	9			GX1070	03	GR20XX	01	1	MEM	CX			24A			
12178		XA441	52					168	9			GX1070	04	GR19XX	01	1	MEM	CX			24A			
12179		XA447	66		XA446	52		168	9			GX1080	01	GX1080	03	1	TQ2	E1			31A			
12180		XA446	52		XA445	52		168	9			GX1080	02	GR23XX	01	1	MEM	CX			24A			
12181		XA445	52					168	9			GX1080	03	GR22XX	01	1	MEM	CX			24A			
12182		XA447	57		XA440	75		168	9			GX1090	01	GX1090	00	1	TQ2	E3			30B			
12183		XA440	75		XA438	75		168	9			GX1090	02	GR26XX	01	1	MEM	DX			37B			
12184		XA438	75		XA437	75		168	9			GX1090	03	GR25XX	01	1	MEM	DX			37B			
12185		XA437	75					168	9			GX1090	04	GR24XX	01	1	MEM	DX			37B			
12186		XA447	75		XA443	75		168	9			GX1100	01	GX1100	00	1	TQ2	F1			37B			
12187		XA443	75		XA442	75		168	9			GX1100	02	GR29XX	01	1	MEM	DX			37B			
12188		XA442	75		XA441	75		168	9			GX1100	03	GR28XX	01	1	MEM	DX			37B			
12189		XA441	75					168	9			GX1100	04	GR27XX	01	1	MEM	DX			37B			
12190		XA447	69		XA446	75		168	9			GX1110	01	GX1110	00	1	TQ2	F3			35A			
12191		XA446	75		XA445	75		168	9			GX1110	02	GR31XX	01	1	MEM	DX			37B			
12192		XA445	75					168	9			GX1110	03	GR30XX	01	1	MEM	DX			37B			
12193		XA451	09		XA448	07		168	9			GX200A	01	GX200A	00	1	TQ2	A3			04B			
12194		XA448	07		XA448	08		168	9			GX200A	02	GX2010	01	2	TQ2	A3			03A			
12195		XA448	08		XA448	19		168	9			GX200A	03	GX2000	01	2	TQ2	A1			06A			
12196		XA448	19		XA448	24		168	9			GX200A	04	GX2030	01	2	TQ2	B3			09B			
12197		XA448	24		XA448	31		168	9			GX200A	05	GX2020	01	2	TQ2	B1			13A			
12198		XA448	31		XA448	40		168	9			GX200A	06	GX2050	01	2	TQ2	C3			15B			
12199		XA448	40					168	9			GX200A	07	GX2040	01	2	TQ2	C1			19A			
12200		XA448	06		XA440	08		168	9			GX2000	01	GX2030	00	1	TQ2	A1			05A			
12201		XA440	08		XA438	08		168	9			GX2000	02	GR02XX	01	2	MEM	AX			06A			
12202		XA438	08		XA437	08		168	9			GX2000	03	GR01XX	01	2	MEM	AX			06A			
12203		XA437	08					168	9			GX2000	04	GR00XX	01	2	MEM	AX			06A			
12204		XA448	09		XA443	08		168	9			GX2010	01	GX2010	00	1	TQ2	A3			04B			
12205		XA443	08		XA442	08		168	9			GX2010	02	GR05XX	01	2	MEM	AX			06A			
12206		XA442	08		XA441	08		168	9			GX2010	03	GR04XX	01	2	MEM	AX			06A			
12207		XA441	08					168	9			GX2010	04	GR03XX	01	2	MEM	AX			06A			
12208		XA448	22		XA446	08		168	9			GX2020	01	GX2020	00	1	TQ2	B1			12A			
12209		XA446	08		XA445	08		168	9			GX2020	02	GR07XX	01	2	MEM	AX			06A			
12210		XA445	08					168	9			GX2020	03	GR06XX	01	2	MEM	AX			06A			
												***	SIGNAL	GX2030							IS ON THE	NEXT PAGE	***	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
12211		XA448	21		XA440	40			168	9		GX2030	01	GX2030	00	1	TQ2	B3		10B		
12212		XA440	40		XA438	40			168	9		GX2030	02	GR10XX	01	2	MEM	BX		19A		
12213		XA438	40		XA437	40			168	9		GX2030	03	GR09XX	01	2	MEM	BX		19A		
12214		XA437	40						168	9		GX2030	04	GR08XX	01	2	MEM	BX		19A		
12215		XA448	38		XA443	40			168	9		GX2040	01	GX2040	00	1	TQ2	C1		18A		
12216		XA443	40		XA442	40			168	9		GX2040	02	GR13XX	01	2	MEM	BX		19A		
12217		XA442	40		XA441	40			168	9		GX2040	03	GR12XX	01	2	MEM	BX		19A		
12218		XA441	40						168	9		GX2040	04	GR11XX	01	2	MEM	BX		19A		
12219		XA448	33		XA446	40			168	9		GX2050	01	GX2050	00	1	TQ2	C3		16B		
12220		XA446	40		XA445	40			168	9		GX2050	02	GR15XX	01	2	MEM	BX		19A		
12221		XA445	40						168	9		GX2050	03	GR14XX	01	2	MEM	BX		19A		
12222		XA451	57		XA448	43			168	9		GX206A	01	GX206A	00	1	TQ2	E3		30B		
12223		XA448	43		XA448	54			168	9		GX206A	02	GX2070	01	2	TQ2	D3		23B		
12224		XA448	54		XA448	55			168	9		GX206A	03	GX2060	01	2	TQ2	D1		25A		
12225		XA448	55		XA448	68			168	9		GX206A	04	GX2090	01	2	TQ2	E3		29B		
12226		XA448	68		XA448	74			168	9		GX206A	05	GX2080	01	2	TQ2	E1		32A		
12227		XA448	74		XA448	77			168	9		GX206A	06	GX2110	01	2	TQ2	F3		35B		
12228		XA448	77						168	9		GX206A	07	GX2100	01	2	TQ2	F1		38B		
12229		XA448	52		XA440	54			168	9		GX2060	01	GX2060	00	1	TQ2	D1		24A		
12230		XA440	54		XA438	54			168	9		GX2060	02	GR18XX	01	2	MEM	CX		25A		
12231		XA438	54		XA437	54			168	9		GX2060	03	GR17XX	01	2	MEM	CX		25A		
12232		XA437	54						168	9		GX2060	04	GR16XX	01	2	MEM	CX		25A		
12233		XA448	45		XA443	54			168	9		GX2070	01	GX2070	00	1	TQ2	D3		24B		
12234		XA443	54		XA442	54			168	9		GX2070	02	GR21XX	01	2	MEM	CX		25A		
12235		XA442	54		XA441	54			168	9		GX2070	03	GR20XX	01	2	MEM	CX		25A		
12236		XA441	54						168	9		GX2070	04	GR19XX	01	2	MEM	CX		25A		
12237		XA448	66		XA446	54			168	9		GX2080	01	GX2080	00	1	TQ2	E1		31A		
12238		XA446	54		XA445	54			168	9		GX2080	02	GR23XX	01	2	MEM	CX		25A		
12239		XA445	54						168	9		GX2080	03	GR22XX	01	2	MEM	CX		25A		
12240		XA448	57		XA440	77			168	9		GX2090	01	GX2090	00	1	TQ2	E3		30B		
12241		XA440	77		XA438	77			168	9		GX2090	02	GR26XX	01	2	MEM	DX		38B		
12242		XA438	77		XA437	77			168	9		GX2090	03	GR25XX	01	2	MEM	DX		38B		
12243		XA437	77						168	9		GX2090	04	GR24XX	01	2	MEM	DX		38B		
12244		XA448	75		XA443	77			168	9		GX2100	01	GX2100	00	1	TQ2	F1		37B		
12245		XA443	77		XA442	77			168	9		GX2100	02	GR29XX	01	2	MEM	DX		38B		
12246		XA442	77		XA441	77			168	9		GX2100	03	GR28XX	01	2	MEM	DX		38B		
12247		XA441	77						168	9		GX2100	04	GR27XX	01	2	MEM	DX		38B		
12248		XA448	69		XA446	77			168	9		GX2110	01	GX2110	00	1	TQ2	F3		35A		
12249		XA446	77		XA445	77			168	9		GX2110	02	GR31XX	01	2	MEM	DX		38B		
12250		XA445	77						168	9		GX2110	03	GR30XX	01	2	MEM	DX		38B		
									****	SIGNAL		GX300A		IS ON THE		NEXT PAGE		****				

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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GX300A

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

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RECORD NUMBER	FROM			WIRE	TO			MULTI GROUP	CODE	COLOR	IDENT	SFC INST WIRE	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN																
12251		XA451	22		XA449	40			16B	9			GX300A	01	GX300A	00	1	TQ2	B1		12A		
12252		XA449	40		XA449	31			16B	9			GX300A	02	GX3040	01	2	TQ2	C1		19A		
12253		XA449	31		XA449	24			16B	9			GX300A	03	GX3050	01	2	TQ2	C3		15B		
12254		XA449	24		XA449	19			16B	9			GX300A	04	GX3020	01	2	TQ2	B1		13A		
12255		XA449	19		XA449	08			16B	9			GX300A	05	GX3030	01	2	TQ2	B3		09B		
12256		XA449	08		XA449	07			16B	9			GX300A	06	GX3000	01	2	TQ2	A1		06A		
12257		XA449	07						16B	9			GX300A	07	GX3010	01	2	TQ2	A3		03A		
12258		XA449	06		XA440	10			16B	9			GX3000	01	GX3000	00	1	TQ2	A1		05A		
12259		XA440	10		XA438	10			16B	9			GX3000	02	GR02XX	01	3	MEM	AX		07A		
12260		XA438	10		XA437	10			16B	9			GX3000	03	GR01XX	01	3	MEM	AX		07A		
12261		XA437	10						16B	9			GX3000	04	GR00XX	01	3	MEM	AX		07A		
12262		XA449	09		XA443	10			16B	9			GX3010	01	GX3010	00	1	TQ2	A3		04B		
12263		XA443	10		XA442	10			16B	9			GX3010	02	GR05XX	01	3	MEM	AX		07A		
12264		XA442	10		XA441	10			16B	9			GX3010	03	GR04XX	01	3	MEM	AX		07A		
12265		XA441	10						16B	9			GX3010	04	GR03XX	01	3	MEM	AX		07A		
12266		XA449	22		XA446	10			16B	9			GX3020	01	GX3020	00	1	TQ2	B1		12A		
12267		XA446	10		XA445	10			16B	9			GX3020	02	GR07XX	01	3	MEM	AX		07A		
12268		XA445	10						16B	9			GX3020	03	GR06XX	01	3	MEM	AX		07A		
12269		XA449	21		XA440	42			16B	9			GX3030	01	GX3030	00	1	TQ2	B3		10B		
12270		XA440	42		XA438	42			16B	9			GX3030	02	GR10XX	01	3	MEM	BX		20A		
12271		XA438	42		XA437	42			16B	9			GX3030	03	GR09XX	01	3	MEM	BX		20A		
12272		XA437	42						16B	9			GX3030	04	GR08XX	01	3	MEM	BX		20A		
12273		XA449	38		XA443	42			16B	9			GX3040	01	GX3040	00	1	TQ2	C1		18A		
12274		XA443	42		XA442	42			16B	9			GX3040	02	GR13XX	01	3	MEM	BX		20A		
12275		XA442	42		XA441	42			16B	9			GX3040	03	GR12XX	01	3	MEM	BX		20A		
12276		XA441	42						16B	9			GX3040	04	GR11XX	01	3	MEM	BX		20A		
12277		XA449	33		XA446	42			16B	9			GX3050	01	GX3050	00	1	TQ2	C3		16B		
12278		XA446	42		XA445	42			16B	9			GX3050	02	GR15XX	01	3	MEM	BX		20A		
12279		XA445	42						16B	9			GX3050	03	GR14XX	01	3	MEM	BX		20A		
12280		XA451	75		XA449	77			16B	9			GX306A	01	GX306A	00	1	TQ2	F1		37B		
12281		XA449	77		XA449	74			16B	9			GX306A	02	GX3100	01	2	TQ2	F1		38B		
12282		XA449	74		XA449	68			16B	9			GX306A	03	GX3110	01	2	TQ2	F3		35B		
12283		XA449	68		XA449	55			16B	9			GX306A	04	GX3080	01	2	TQ2	E1		32A		
12284		XA449	55		XA449	54			16B	9			GX306A	05	GX3090	01	2	TQ2	E3		29B		
12285		XA449	54		XA449	43			16B	9			GX306A	06	GX3060	01	2	TQ2	D1		25A		
12286		XA449	43						16B	9			GX306A	07	GX3070	01	2	TQ2	D3		23B		
12287		XA449	52		XA440	56			16B	9			GX3060	01	GX3060	00	1	TQ2	D1		24A		
12288		XA440	56		XA438	56			16B	9			GX3060	02	GR18XX	01	3	MEM	CX		26A		
12289		XA438	56		XA437	56			16B	9			GX3060	03	GR17XX	01	3	MEM	CX		26A		
12290		XA437	56						16B	9			GX3060	04	GR16XX	01	3	MEM	CX		26A		
12291		XA449	45		XA443	56			16B	9			GX3070	01	GX3070	00	1	TQ2	D3		24B		
									****			SIGNAL	GX3070		S ON THE			MEM			****		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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GX3070

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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	COLOR			IDENT	TYPE								
12292		XA443	56		XA442	56			16B	9		GX3070	02	GR21XX	01	3	MEM	CX		26A			
12293		XA442	56		XA441	56			16B	9		GX3070	03	GR20XX	01	3	MEM	CX		26A			
12294		XA441	56						16B	9		GX3070	04	GR19XX	01	3	MEM	CX		26A			
12295		XA449	66		XA446	56			16B	9		GX3080	01	GX3080	00	1	TQ2	E1		31A			
12296		XA446	56		XA445	56			16B	9		GX3080	02	GR23XX	01	3	MEM	CX		26A			
12297		XA445	56						16B	9		GX3080	03	GR22XX	01	3	MEM	CX		26A			
12298		XA449	57		XA440	79			16B	9		GX3090	01	GX3090	00	1	TQ2	E3		30B			
12299		XA440	79		XA438	79			16B	9		GX3090	02	GR26XX	01	3	MEM	DX		39B			
12300		XA438	79		XA437	79			16B	9		GX3090	03	GR25XX	01	3	MEM	DX		39B			
12301		XA437	79						16B	9		GX3090	04	GR24XX	01	3	MEM	DX		39B			
12302		XA445	75		XA443	79			16B	9		GX3100	01	GX3100	00	1	TQ2	F1		37B			
12303		XA443	79		XA442	79			16B	9		GX3100	02	GR29XX	01	3	MEM	DX		39B			
12304		XA442	79		XA441	79			16B	9		GX3100	03	GR28XX	01	3	MEM	DX		39B			
12305		XA441	79						16B	9		GX3100	04	GR27XX	01	3	MEM	DX		39B			
12306		XA449	69		XA446	79			16B	9		GX3110	01	GX3110	00	1	TQ2	F3		35A			
12307		XA446	79		XA445	79			16B	9		GX3110	02	GR31XX	01	3	MEM	DX		39B			
12308		XA445	75						16B	9		GX3110	03	GR30XX	01	3	MEM	DX		39B			
12309		XA450	40		XA450	31			16B	9		GX400A	01	GX4040	01	2	TQ2	C1		19A			
12310		XA450	31		XA450	24			16B	9		GX400A	02	GX4050	01	2	TQ2	C3		15B			
12311		XA450	24		XA451	21			16B	9		GX400A	03	GX4020	01	2	TQ2	B1		13A			
12312		XA451	21		XA450	17			16B	9		GX400A	04	GX400A	00	1	TQ2	B3		10B			
12313		XA450	17		XA450	08			16B	9		GX400A	05	GX4030	01	1	TQ2	B3		08B			
12314		XA450	08		XA450	07			16B	9		GX400A	06	GX4000	01	2	TQ2	A1		06A			
12315		XA450	07						16B	9		GX400A	07	GX4010	01	2	TQ2	A3		03A			
12316		XA450	06		XA440	15			16B	9		GX4000	01	GX4000	00	1	TQ2	A1		05A			
12317		XA440	15		XA438	15			16B	9		GX4000	02	GR02XX	01	4	MEM	AX		07B			
12318		XA438	15		XA437	15			16B	9		GX4000	03	GR01XX	01	4	MEM	AX		07B			
12319		XA437	15						16B	9		GX4000	04	GR00XX	01	4	MEM	AX		07B			
12320		XA450	05		XA443	15			16B	9		GX4010	01	GX4010	00	1	TQ2	A3		04B			
12321		XA443	15		XA442	15			16B	9		GX4010	02	GR05XX	01	4	MEM	AX		07B			
12322		XA442	15		XA441	15			16B	9		GX4010	03	GR04XX	01	4	MEM	AX		07B			
12323		XA441	15						16B	9		GX4010	04	GR03XX	01	4	MEM	AX		07B			
12324		XA450	22		XA446	15			16B	9		GX4020	01	GX4020	00	1	TQ2	B1		12A			
12325		XA446	15		XA445	15			16B	9		GX4020	02	GR07XX	01	4	MEM	AX		07B			
12326		XA445	15						16B	9		GX4020	03	GR06XX	01	4	MEM	AX		07B			
12327		XA450	21		XA440	39			16B	9		GX4030	01	GX4030	00	1	TQ2	B3		10B			
12328		XA440	39		XA438	39			16B	9		GX4030	02	GP10XX	01	4	MEM	BX		19B			
12329		XA438	39		XA437	39			16B	9		GX4030	03	GR09XX	01	4	MEM	BX		19B			
12330		XA437	39						16B	9		GX4030	04	GR08XX	01	4	MEM	BX		19B			
12331		XA450	38		XA443	39			16B	9		GX4040	01	GX4040	00	1	TQ2	C1		18A			
									****	SIGNAL	(GX4040)		IS ON THE	NEXT PAGE	****								

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GX4040

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
12332		XA443	39		XA442	39		16B	9			GX4040	02	GR13XX	01	4	MEM	BX		19B	
12333		XA442	39		XA441	39		16B	9			GX4040	03	GR12XX	01	4	MEM	BX		19B	
12334		XA441	39					16B	9			GX4040	04	GR11XX	01	4	MEM	BX		19B	
12335		XA450	33		XA446	39		16B	9			GX4050	01	GX4050	00	1	TQ2	C3		16B	
12336		XA446	39		XA445	39		16B	9			GX4050	02	GR15XX	01	4	MEM	BX		19B	
12337		XA445	39					16B	9			GX4050	03	GR14XX	01	4	MEM	BX		19B	
12338		XA450	77		XA451	69		16B	9			GX406A	01	GX4100	01	2	TQ2	F1		38B	
12339		XA451	69		XA450	70		16B	9			GX406A	02	GX406A	00	1	TQ2	F3		35A	
12340		XA450	70		XA450	65		16B	9			GX406A	03	GX4080	01	1	TQ2	E1		33A	
12341		XA450	65		XA450	55		16B	9			GX406A	04	GX4110	01	1	TQ2	F3		34B	
12342		XA450	55		XA450	54		16B	9			GX406A	05	GX4090	01	2	TQ2	E3		29B	
12343		XA450	54		XA450	43		16B	9			GX406A	06	GX4060	01	2	TQ2	D1		25A	
12344		XA450	43					16B	9			GX406A	07	GX4070	01	2	TQ2	D3		23B	
12345		XA450	52		XA440	51		16B	9			GX4060	01	GX4060	00	1	TQ2	D1		24A	
12346		XA440	51		XA438	51		16B	9			GX4060	02	GR18XX	01	4	MEM	CX		27B	
12347		XA438	51		XA437	51		16B	9			GX4060	03	GR17XX	01	4	MEM	CX		27B	
12348		XA437	51					16B	9			GX4060	04	GR16XX	01	4	MEM	CX		27B	
12349		XA450	45		XA443	51		16B	9			GX4070	01	GX4070	00	1	TQ2	D3		24B	
12350		XA443	51		XA442	51		16B	9			GX4070	02	GR21XX	01	4	MEM	CX		27B	
12351		XA442	51		XA441	51		16B	9			GX4070	03	GR20XX	01	4	MEM	CX		27B	
12352		XA441	51					16B	9			GX4070	04	GR19XX	01	4	MEM	CX		27B	
12353		XA450	66		XA446	51		16B	9			GX4080	01	GX4080	00	1	TQ2	E1		31A	
12354		XA446	51		XA445	51		16B	9			GX4080	02	GR23XX	01	4	MEM	CX		27B	
12355		XA445	51					16B	9			GX4080	03	GR22XX	01	4	MEM	CX		27B	
12356		XA450	57		XA440	80		16B	9			GX4090	01	GX4090	00	1	TQ2	E3		30B	
12357		XA440	80		XA438	80		16B	9			GX4090	02	GR26XX	01	4	MEM	DX		39A	
12358		XA438	80		XA437	80		16B	9			GX4090	03	GR25XX	01	4	MEM	DX		39A	
12359		XA437	80					16B	9			GX4090	04	GR24XX	01	4	MEM	DX		39A	
12360		XA450	75		XA443	80		16B	9			GX4100	01	GX4100	00	1	TQ2	F1		37B	
12361		XA443	80		XA442	80		16B	9			GX4100	02	GR29XX	01	4	MEM	DX		39A	
12362		XA442	80		XA441	80		16B	9			GX4100	03	GR28XX	01	4	MEM	DX		39A	
12363		XA441	80					16B	9			GX4100	04	GR27XX	01	4	MEM	DX		39A	
12364		XA450	69		XA446	80		16B	9			GX4110	01	GX4110	00	1	TQ2	F3		35A	
12365		XA446	80		XA445	80		16B	9			GX4110	02	GR31XX	01	4	MEM	DX		39A	
12366		XA445	80					16B	9			GX4110	03	GR30XX	01	4	MEM	DX		39A	
12367		XA451	01		XA447	04		16B	9			GY100A	01	GY100A	00	1	TQ2	A2		02B	
12368		XA447	04		XA447	13		16B	9			GY100A	02	GY1000	01	1	TQ2	A2		04A	
12369		XA447	13		XA447	18		16B	9			GY100A	03	GY1010	01	2	TQ2	A4		06B	
12370		XA447	18		XA447	25		16B	9			GY100A	04	GY1020	01	2	TQ2	B2		10A	
12371		XA447	25		XA447	34		16B	9			GY100A	05	GY1030	01	2	TQ2	B4		12B	
12372		XA447	34		XA447	35		16B	9			GY100A	06	GY1040	01	2	TQ2	C2		16A	
								****		SIGNAL		GY100A		IS ON THE		NEXT PAGE		****			

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GY100A

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	REQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	FIN	WIRE	PREFIX	CONNECTOR	FIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
12373		XA447	35							16B	9		GY100A	07	GY1050	01	1	TQ2	C4		17B		
12374		XA447	01		XA440	04				16B	9		GY1000	01	GY1000	00	1	TQ2	A2		02B		
12375		XA440	04		XA438	04				16B	9		GY1000	02	GR02XY	01	1	MEM	AY		04A		
12376		XA438	04		XA437	04				16B	9		GY1000	03	GR01XY	01	1	MEM	AY		04A		
12377		XA437	04							16B	9		GY1000	04	GR00XY	01	1	MEM	AY		04A		
12378		XA447	15		XA443	04				16B	9		GY1010	01	GY1010	00	1	TQ2	A4		07B		
12379		XA443	04		XA442	04				16B	9		GY1010	02	GR05XY	01	1	MEM	AY		04A		
12380		XA442	04		XA441	04				16B	9		GY1010	03	GR04XY	01	1	MEM	AY		04A		
12381		XA441	04							16B	9		GY1010	04	GR03XY	01	1	MEM	AY		04A		
12382		XA447	14		XA446	04				16B	9		GY1020	01	GY1020	00	1	TQ2	B2		09A		
12383		XA446	04		XA445	04				16B	9		GY1020	02	GR07XY	01	1	MEM	AY		04A		
12384		XA445	04							16B	9		GY1020	03	GR06XY	01	1	MEM	AY		04A		
12385		XA447	27		XA440	36				16B	9		GY1030	01	GY1030	00	1	TQ2	B4		13B		
12386		XA440	36		XA438	36				16B	9		GY1030	02	GR10XY	01	1	MEM	BY		17A		
12387		XA438	36		XA437	36				16B	9		GY1030	03	GR09XY	01	1	MEM	BY		17A		
12388		XA437	36							16B	9		GY1030	04	GR08XY	01	1	MEM	BY		17A		
12389		XA447	30		XA443	36				16B	9		GY1040	01	GY1040	00	1	TQ2	C2		15A		
12390		XA443	36		XA442	36				16B	9		GY1040	02	GR13XY	01	1	MEM	BY		17A		
12391		XA442	36		XA441	36				16B	9		GY1040	03	GR12XY	01	1	MEM	BY		17A		
12392		XA441	36							16B	9		GY1040	04	GR11XY	01	1	MEM	BY		17A		
12393		XA447	39		XA446	36				16B	9		GY1050	01	GY1050	00	1	TQ2	C4		19B		
12394		XA446	36		XA445	36				16B	9		GY1050	02	GR15XY	01	1	MEM	BY		17A		
12395		XA445	36							16B	9		GY1050	03	GR14XY	01	1	MEM	BY		17A		
12396		XA451	60		XA447	50				16B	9		GY106A	01	GY106A	00	1	TQ2	E2		28A		
12397		XA447	50		XA447	49				16B	9		GY106A	02	GY1060	01	1	TQ2	D2		23A		
12398		XA447	49		XA447	62				16B	9		GY106A	03	GY1070	01	2	TQ2	D4		26B		
12399		XA447	62		XA447	61				16B	9		GY106A	04	GY1080	01	2	TQ2	E2		29A		
12400		XA447	61		XA447	71				16B	9		GY106A	05	GY1090	01	2	TQ2	F4		32B		
12401		XA447	71		XA447	76				16B	9		GY106A	06	GY1100	01	2	TQ2	F2		36A		
12402		XA447	76							16B	9		GY106A	07	GY1110	01	1	TQ2	F4		37A		
12403		XA447	46		XA440	50				16B	9		GY1060	01	GY1060	00	1	TQ2	D2		21A		
12404		XA440	50		XA438	50				16B	9		GY1060	02	GR18XY	01	1	MEM	CY		23A		
12405		XA438	50		XA437	50				16B	9		GY1060	03	GR17XY	01	1	MEM	CY		23A		
12406		XA437	50							16B	9		GY1060	04	GR16XY	01	1	MEM	CY		23A		
12407		XA447	51		XA443	50				16B	9		GY1070	01	GY1070	00	1	TQ2	D4		27B		
12408		XA443	50		XA442	50				16B	9		GY1070	02	GR21XY	01	1	MEM	CY		23A		
12409		XA442	50		XA441	50				16B	9		GY1070	03	GR20XY	01	1	MEM	CY		23A		
12410		XA441	50							16B	9		GY1070	04	GR19XY	01	1	MEM	CY		23A		
12411		XA447	60		XA446	50				16B	9		GY1080	01	GY1080	00	1	TQ2	E2		28A		
12412		XA446	50		XA445	50				16B	9		GY1080	02	GR23XY	01	1	MEM	CY		23A		
										****	SIGNAL		GY1080		IS ON THE			NEXT PAGE		****			

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12413		XA445	50							16B	9			GY1080	03	GR22XY	01	1	MEM	CY		23A	
12414		XA447	63		XA440	73				16B	9			GY1090	01	GY1090	00	1	TQ2	E4		36B	
12415		XA440	73		XA438	73				16B	9			GY1090	02	GR26XY	01	1	MEM	DY		36B	
12416		XA438	73		XA437	73				16B	9			GY1090	03	GR25XY	01	1	MEM	DY		36B	
12417		XA437	73							16B	9			GY1090	04	GR24XY	01	1	MEM	DY		36B	
12418		XA447	72		XA443	73				16B	9			GY1100	01	GY1100	00	1	TQ2	F2		36A	
12419		XA443	73		XA442	73				16B	9			GY1100	02	GR29XY	01	1	MEM	DY		36B	
12420		XA442	73		XA441	73				16B	9			GY1100	03	GR28XY	01	1	MEM	DY		36B	
12421		XA441	73							16B	9			GY1100	04	GR27XY	01	1	MEM	DY		36B	
12422		XA447	80		XA446	73				16B	9			GY1110	01	GY1110	00	1	TQ2	F4		39A	
12423		XA446	73		XA445	73				16B	9			GY1110	02	GR31XY	01	1	MEM	DY		36B	
12424		XA445	73							16B	9			GY1110	03	GR30XY	01	1	MEM	DY		36B	
12425		XA451	15		XA448	04				16B	9			GY200A	01	GY200A	00	1	TQ2	A4		07B	
12426		XA448	04		XA448	13				16B	9			GY200A	02	GY2000	01	1	TQ2	A2		04A	
12427		XA448	13		XA448	18				16B	9			GY200A	03	GY2010	01	2	TQ2	A4		06B	
12428		XA448	18		XA448	25				16B	9			GY200A	04	GY2020	01	2	TQ2	B2		10A	
12429		XA448	25		XA448	34				16B	9			GY200A	05	GY2030	01	2	TQ2	B4		12B	
12430		XA448	34		XA448	35				16B	9			GY200A	06	GY2040	01	2	TQ2	C2		16A	
12431		XA448	35							16B	9			GY200A	07	GY2050	01	1	TQ2	C4		17B	
12432		XA448	01		XA440	05				16B	9			GY2000	01	GY2000	00	1	TQ2	A2		02B	
12433		XA440	05		XA438	05				16B	9			GY2000	02	GR02XY	01	2	MEM	AY		03B	
12434		XA438	05		XA437	05				16B	9			GY2000	03	GR01XY	01	2	MEM	AY		03B	
12435		XA437	05							16B	9			GY2000	04	GR00XY	01	2	MEM	AY		03B	
12436		XA448	15		XA443	05				16B	9			GY2010	01	GY2010	00	1	TQ2	A4		07B	
12437		XA443	05		XA442	05				16B	9			GY2010	02	GR05XY	01	2	MEM	AY		03B	
12438		XA442	05		XA441	05				16B	9			GY2010	03	GR04XY	01	2	MEM	AY		03B	
12439		XA441	05							16B	9			GY2010	04	GR03XY	01	2	MEM	AY		03B	
12440		XA448	14		XA446	05				16B	9			GY2020	01	GY2020	00	1	TQ2	B2		09A	
12441		XA446	05		XA445	05				16B	9			GY2020	02	GR07XY	01	2	MEM	AY		03B	
12442		XA445	05							16B	9			GY2020	03	GR06XY	01	2	MEM	AY		03B	
12443		XA448	27		XA440	34				16B	9			GY2030	01	GY2030	00	1	TQ2	B4		13B	
12444		XA440	34		XA438	34				16B	9			GY2030	02	GR10XY	01	2	MEM	BY		16A	
12445		XA438	34		XA437	34				16B	9			GY2030	03	GR09XY	01	2	MEM	BY		16A	
12446		XA437	34							16B	9			GY2030	04	GR08XY	01	2	MEM	BY		16A	
12447		XA448	30		XA443	34				16B	9			GY2040	01	GY2040	00	1	TQ2	C2		15A	
12448		XA443	34		XA442	34				16B	9			GY2040	02	GR13XY	01	2	MEM	BY		16A	
12449		XA442	34		XA441	34				16B	9			GY2040	03	GR12XY	01	2	MEM	BY		16A	
12450		XA441	34							16B	9			GY2040	04	GR11XY	01	2	MEM	BY		16A	
12451		XA448	39		XA446	34				16B	9			GY2050	01	GY2050	00	1	TQ2	C4		19B	
12452		XA446	34		XA445	34				16B	9			GY2050	02	GR15XY	01	2	MEM	BY		16A	
										****	SIGNAL		GY2050		IS ON THE						****		

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12454		XA451	63		XA448	76			16B	9			GY206A	01	GY206A	00	1	TQ2	E4		33B			
12455		XA448	76		XA448	71			16B	9			GY206A	02	GY2110	01	1	TQ2	F4		37A			
12456		XA448	71		XA448	61			16B	9			GY206A	03	GY2100	01	2	TQ2	F2		36A			
12457		XA448	61		XA448	62			16B	9			GY206A	04	GY2090	01	2	TQ2	E4		32B			
12458		XA448	62		XA448	49			16B	9			GY206A	05	GY2080	01	2	TQ2	E2		29A			
12459		XA448	49		XA448	50			16B	9			GY206A	06	GY2070	01	2	TQ2	D4		26B			
12460		XA448	50						16B	9			GY206A	07	GY2060	01	1	TQ2	D2		23A			
12461		XA448	46		XA440	48			16B	9			GY2060	01	GY2060	00	1	TQ2	D2		21A			
12462		XA440	48		XA438	48			16B	9			GY2060	02	GR18XY	01	2	MEM	CY		22A			
12463		XA438	48		XA437	48			16B	9			GY2060	03	GR17XY	01	2	MEM	CY		22A			
12464		XA437	48						16B	9			GY2060	04	GR16XY	01	2	MEM	CY		22A			
12465		XA448	51		XA443	48			16B	9			GY2070	01	GY2070	00	1	TQ2	D4		27B			
12466		XA443	48		XA442	48			16B	9			GY2070	02	GR21XY	01	2	MEM	CY		22A			
12467		XA442	48		XA441	48			16B	9			GY2070	03	GR20XY	01	2	MEM	CY		22A			
12468		XA441	48						16B	9			GY2070	04	GR19XY	01	2	MEM	CY		22A			
12469		XA448	60		XA446	48			16B	9			GY2080	01	GY2080	00	1	TQ2	E2		28A			
12470		XA446	48		XA445	48			16B	9			GY2080	02	GR23XY	01	2	MEM	CY		22A			
12471		XA445	48						16B	9			GY2080	03	GR22XY	01	2	MEM	CY		22A			
12472		XA448	63		XA440	71			16B	9			GY2090	01	GY2090	00	1	TQ2	E4		33B			
12473		XA440	71		XA438	71			16B	9			GY2090	02	GR26XY	01	2	MEM	DY		36A			
12474		XA438	71		XA437	71			16B	9			GY2090	03	GR25XY	01	2	MEM	DY		36A			
12475		XA437	71						16B	9			GY2090	04	GR24XY	01	2	MEM	DY		36A			
12476		XA448	72		XA443	71			16B	9			GY2100	01	GY2100	00	1	TQ2	F2		34A			
12477		XA443	71		XA442	71			16B	9			GY2100	02	GR29XY	01	2	MEM	DY		36A			
12478		XA442	71		XA441	71			16B	9			GY2100	03	GR28XY	01	2	MEM	DY		36A			
12479		XA441	71						16B	9			GY2100	04	GR27XY	01	2	MEM	DY		36A			
12480		XA448	80		XA446	71			16B	9			GY2110	01	GY2110	00	1	TQ2	F4		39A			
12481		XA446	71		XA445	71			16B	9			GY2110	02	GR31XY	01	2	MEM	DY		36A			
12482		XA445	71						16B	9			GY2110	03	GR30XY	01	2	MEM	DY		36A			
12483		XA451	14		XA449	04			16B	9			GY300A	01	GY300A	00	1	TQ2	B2		09A			
12484		YA449	04		YA440	12			16B	9			GY300A	02	GY300A	01	1	TQ2	B2		09A			



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12494		XA449	15		XA443	01			168	9			GY3010	01	GY3010	00	1	TQ2	A4		07B		
12495		XA443	01		XA442	01			168	9			GY3010	02	GR05XY	01	3	MEM	AY		02B		
12496		XA442	01		XA441	01			168	9			GY3010	03	GR04XY	01	3	MEM	AY		02B		
12497		XA441	01						168	9			GY3010	04	GR03XY	01	3	MEM	AY		02B		
12498		XA449	14		XA446	01			168	9			GY3020	01	GY3020	00	1	TQ2	B2		09A		
12499		XA446	01		XA445	01			168	9			GY3020	02	GR07XY	01	3	MEM	AY		02B		
12500		XA445	01						168	9			GY3020	03	GR06XY	01	3	MEM	AY		02B		
12501		XA449	27		XA440	30			168	9			GY3030	01	GY3030	00	1	TQ2	B4		13B		
12502		XA440	30		XA438	30			168	9			GY3030	02	GR10XY	01	3	MEM	BY		15A		
12503		XA438	30		XA437	30			168	9			GY3030	03	GR09XY	01	3	MEM	BY		15A		
12504		XA437	30						168	9			GY3030	04	GR08XY	01	3	MEM	BY		15A		
12505		XA449	30		XA443	30			168	9			GY3040	01	GY3040	00	1	TQ2	C2		15A		
12506		XA443	30		XA442	30			168	9			GY3040	02	GR13XY	01	3	MEM	BY		15A		
12507		XA442	30		XA441	30			168	9			GY3040	03	GR12XY	01	3	MEM	BY		15A		
12508		XA441	30						168	9			GY3040	04	GR11XY	01	3	MEM	BY		15A		
12509		XA449	39		XA446	30			168	9			GY3050	01	GY3050	00	1	TQ2	C4		19B		
12510		XA446	30		XA445	30			168	9			GY3050	02	GR15XY	01	3	MEM	BY		15A		
12511		XA445	30						168	9			GY3050	03	GR14XY	01	3	MEM	BY		15A		
12512		XA451	72		XA449	76			168	9			GY306A	01	GY306A	00	1	TQ2	F2		34A		
12513		XA449	76		XA449	71			168	9			GY306A	02	GY3110	01	1	TQ2	F4		37A		
12514		XA449	71		XA449	61			168	9			GY306A	03	GY3100	01	2	TQ2	F2		36A		
12515		XA449	61		XA449	62			168	9			GY306A	04	GY3090	01	2	TQ2	E4		32B		
12516		XA449	62		XA449	49			168	9			GY306A	05	GY3080	01	2	TQ2	E2		29A		
12517		XA449	49		XA449	50			168	9			GY306A	06	GY3070	01	2	TQ2	D4		26B		
12518		XA449	50						168	9			GY306A	07	GY3060	01	1	TQ2	D2		23A		
12519		XA449	46		XA440	46			168	9			GY3060	01	GY3060	00	1	TQ2	D2		21A		
12520		XA440	46		XA438	46			168	9			GY3060	02	GR18XY	01	3	MEM	CY		21A		
12521		XA438	46		XA437	46			168	9			GY3060	03	GR17XY	01	3	MEM	CY		21A		
12522		XA437	46						168	9			GY3060	04	GR16XY	01	3	MEM	CY		21A		
12523		XA449	51		XA443	46			168	9			GY3070	01	GY3070	00	1	TQ2	D4		27B		
12524		XA443	46		XA442	46			168	9			GY3070	02	GR21XY	01	3	MEM	CY		21A		
12525		XA442	46		XA441	46			168	9			GY3070	03	GR20XY	01	3	MEM	CY		21A		
12526		XA441	46						168	9			GY3070	04	GR19XY	01	3	MEM	CY		21A		
12527		XA449	60		XA446	46			168	9			GY3080	01	GY3080	00	1	TQ2	E2		28A		
12528		XA446	46		XA445	46			168	9			GY3080	02	GR23XY	01	3	MEM	CY		21A		
12529		XA445	46						168	9			GY3080	03	GR22XY	01	3	MEM	CY		21A		
12530		XA449	63		XA440	72			168	9			GY3090	01	GY3090	00	1	TQ2	E4		33B		
12531		XA440	72		XA438	72			168	9			GY3090	02	GR26XY	01	3	MEM	DY		34A		
12532		XA438	72		XA437	72			168	9			GY3090	03	GR25XY	01	3	MEM	DY		34A		
									****	SIGNAL		GY3090		IS ON THE	NEXT PAGE	****							

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12534		XA449	72		XA443	72				16B	9		GY3100	01	GY3100	00	1	TQ2	F2		34A		
12535		XA443	72		XA442	72				16B	9		GY3100	02	GR29XY	01	3	MEM	DY		34A		
12536		XA442	72		XA441	72				16B	9		GY3100	03	GR28XY	01	3	MEM	DY		34A		
12537		XA441	72							16B	9		GY3100	04	GR27XY	01	3	MEM	DY		34A		
12538		XA449	80		XA446	72				16B	9		GY3110	01	GY3110	00	1	TQ2	F4		39A		
12539		XA446	72		XA445	72				16B	9		GY3110	02	GR31XY	01	3	MEM	DY		34A		
12540		XA445	72							16B	9		GY3110	03	GR30XY	01	3	MEM	DY		34A		
12541		XA450	35		XA450	34				16B	9		GY400A	01	GY4050	01	1	TQ2	C4		17B		
12542		XA450	34		XA451	27				16B	9		GY400A	02	GY4040	01	2	TQ2	C2		16A		
12543		XA451	27		XA450	20				16B	9		GY400A	03	GY400A	00	1	TQ2	B4		13B		
12544		XA450	20		XA450	23				16B	9		GY400A	04	GY4020	01	1	TQ2	B2		11A		
12545		XA450	23		XA450	13				16B	9		GY400A	05	GY4030	01	1	TQ2	B4		11B		
12546		XA450	13		XA450	04				16B	9		GY400A	06	GY4010	01	2	TQ2	A4		06B		
12547		XA450	04							16B	9		GY400A	07	GY4000	01	1	TQ2	A2		04A		
12548		XA450	01		XA440	03				16B	9		GY4000	01	GY4000	00	1	TQ2	A2		02B		
12549		XA440	03		XA438	03				16B	9		GY4000	02	GR02XY	01	4	MEM	AY		02A		
12550		XA438	03		XA437	03				16B	9		GY4000	03	GR01XY	01	4	MEM	AY		02A		
12551		XA437	03							16B	9		GY4000	04	GR00XY	01	4	MEM	AY		02A		
12552		XA450	15		XA443	03				16B	9		GY4010	01	GY4010	00	1	TQ2	A4		07B		
12553		XA443	03		XA442	03				16B	9		GY4010	02	GR05XY	01	4	MEM	AY		02A		
12554		XA442	03		XA441	03				16B	9		GY4010	03	GR04XY	01	4	MEM	AY		02A		
12555		XA441	03							16B	9		GY4010	04	GR03XY	01	4	MEM	AY		02A		
12556		XA450	14		XA446	03				16B	9		GY4020	01	GY4020	00	1	TQ2	B2		09A		
12557		XA446	03		XA445	03				16B	9		GY4020	02	GR07XY	01	4	MEM	AY		02A		
12558		XA445	03							16B	9		GY4020	03	GR06XY	01	4	MEM	AY		02A		
12559		XA450	27		XA440	29				16B	9		GY4030	01	GY4030	00	1	TQ2	B4		13B		
12560		XA440	29		XA438	29				16B	9		GY4030	02	GR10XY	01	4	MEM	BY		14B		
12561		XA438	29		XA437	29				16B	9		GY4030	03	GR09XY	01	4	MEM	BY		14B		
12562		XA437	29							16B	9		GY4030	04	GR08XY	01	4	MEM	BY		14B		
12563		XA450	30		XA443	29				16B	9		GY4040	01	GY4040	00	1	TQ2	C2		15A		
12564		XA443	29		XA442	29				16B	9		GY4040	02	GR13XY	01	4	MEM	BY		14B		
12565		XA442	29		XA441	29				16B	9		GY4040	03	GR12XY	01	4	MEM	BY		14B		
12566		XA441	29							16B	9		GY4040	04	GR11XY	01	4	MEM	BY		14B		
12567		XA450	39		XA446	29				16B	9		GY4050	01	GY4050	00	1	TQ2	C4		19B		
12568		XA446	29		XA445	29				16B	9		GY4050	02	GR15XY	01	4	MEM	BY		14B		
12569		XA445	29							16B	9		GY4050	03	GR14XY	01	4	MEM	BY		14B		
12570		XA451	80		XA450	73				16B	9		GY406A	01	GY406A	00	1	TQ2	F4		39A		
12571		XA450	73		XA450	76				16B	9		GY406A	02	GY4100	01	1	TQ2	F2		36B		
12572		XA450	76		XA450	61				16B	9		GY406A	03	GY4110	01	1	TQ2	F4		37A		
										****	SIGNAL	(GY406A)			IS ON THE						****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
12573		XA450	61			XA450	62			16B	9		GY406A	04	GY4090	01	2	TQ2	E4		32B			
12574		XA450	62			XA450	49			16B	9		GY406A	05	GY4080	01	2	TQ2	E2		29A			
12575		XA450	49			XA450	50			16B	9		GY406A	06	GY4070	01	2	TQ2	D4		28B			
12576		XA450	50							16B	9		GY406A	07	GY4060	01	1	TQ2	D2		23A			
12577		XA450	46			XA440	41			16B	9		GY4060	01	GY4060	00	1	TQ2	D2		21A			
12578		XA440	41			XA438	41			16B	9		GY4060	02	GR18XY	01	4	MEM	CY		22B			
12579		XA438	41			XA437	41			16B	9		GY4060	03	GR17XY	01	4	MEM	CY		22B			
12580		XA437	41							16B	9		GY4060	04	GR16XY	01	4	MEM	CY		22B			
12581		XA450	51			XA443	41			16B	9		GY4070	01	GY4070	00	1	TQ2	D4		27B			
12582		XA443	41			XA442	41			16B	9		GY4070	02	GR21XY	01	4	MEM	CY		22B			
12583		XA442	41			XA441	41			16B	9		GY4070	03	GR20XY	01	4	MEM	CY		22B			
12584		XA441	41							16B	9		GY4070	04	GR19XY	01	4	MEM	CY		22B			
12585		XA450	60			XA446	41			16B	9		GY4080	01	GY4080	00	1	TQ2	E2		28A			
12586		XA446	41			XA445	41			16B	9		GY4080	02	GR23XY	01	4	MEM	CY		22B			
12587		XA445	41							16B	9		GY4080	03	GR22XY	01	4	MEM	CY		22B			
12588		XA450	63			XA440	65			16B	9		GY4090	01	GY4090	00	1	TQ2	E4		33B			
12589		XA440	65			XA438	65			16B	9		GY4090	02	GR26XY	01	4	MEM	DY		34B			
12590		XA438	65			XA437	65			16B	9		GY4090	03	GR25XY	01	4	MEM	DY		34B			
12591		XA437	65							16B	9		GY4090	04	GR24XY	01	4	MEM	DY		34B			
12592		XA450	72			XA443	65			16B	9		GY4100	01	GY4100	00	1	TQ2	F2		34A			
12593		XA443	65			XA442	65			16B	9		GY4100	02	GR29XY	01	4	MEM	DY		34B			
12594		XA442	65			XA441	65			16B	9		GY4100	03	GR28XY	01	4	MEM	DY		34B			
12595		XA441	65							16B	9		GY4100	04	GR27XY	01	4	MEM	DY		34B			
12596		XA450	80			XA446	65			16B	9		GY4110	01	GY4110	00	1	TQ2	F4		39A			
12597		XA446	65			XA445	65			16B	9		GY4110	02	GR31XY	01	4	MEM	DY		34B			
12598		XA445	65							16B	9		GY4110	03	GR30XY	01	4	MEM	DY		34B			
22143		XA203	35			XA301	35			16B	9		JACKAD4	01				EXT					C03	
21946		XA301	35							16B	9		JACKAD4	02				EXT						
22079		XA201	59			XA203	03			16B	9		JBSTAD4	01				EXT						
22111		XA203	03							16B	9		JBSTAD4	02				EXT						C03
22145		XA203	37			XA301	37			16B	9		JCPUED4	01				EXT						C03
21948		XA301	37							16B	9		JCPUED4	02				EXT						
21766		XA303	01			XA311	05			16B	9		JDB00B4	01				EXT						
20967		XA311	05			XA312	76			16B	9		JDB00B4	02				RR4	A3					
20720		XA312	76			XA316	51			16B	9		JDB00B4	03	TB00C0	01	1	TQ2	F4		37A			
22413		XA316	51							16B	9	P	TB00TD	04	JDB00B4	01	1	TLD	D4		27B			
21769		XA303	03			XA311	07			16B	9		JDB01B4	01				EXT						
20959		XA311	07			XA312	74			16B	9		JDB01B4	02				RR4	A4					
20728		XA312	74			XA316	45			16B	9		JDB01B4	03	TB01C0	01	2	TQ2	F3		35B			
										****		SIGNAL	JDB01B4		S ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
12573		XA450	61			XA450	62			16B	9		GY406A	04	GY4090	01	2	TQ2	E4		32B			
12574		XA450	62			XA450	49			16B	9		GY406A	05	GY4080	01	2	TQ2	E2		29A			
12575		XA450	49			XA450	50			16B	9		GY406A	06	GY4070	01	2	TQ2	D4		28B			
12576		XA450	50							16B	9		GY406A	07	GY4060	01	1	TQ2	D2		23A			
12577		XA450	46			XA440	41			16B	9		GY4060	01	GY4060	00	1	TQ2	D2		21A			
12578		XA440	41			XA438	41			16B	9		GY4060	02	GR18XY	01	4	MEM	CY		22B			
12579		XA438	41			XA437	41			16B	9		GY4060	03	GR17XY	01	4	MEM	CY		22B			
12580		XA437	41							16B	9		GY4060	04	GR16XY	01	4	MEM	CY		22B			
12581		XA450	51			XA443	41			16B	9		GY4070	01	GY4070	00	1	TQ2	D4		27B			
12582		XA443	41			XA442	41			16B	9		GY4070	02	GR21XY	01	4	MEM	CY		22B			
12583		XA442	41			XA441	41			16B	9		GY4070	03	GR20XY	01	4	MEM	CY		22B			
12584		XA441	41							16B	9		GY4070	04	GR19XY	01	4	MEM	CY		22B			
12585		XA450	60			XA446	41			16B	9		GY4080	01	GY4080	00	1	TQ2	E2		28A			
12586		XA446	41			XA445	41			16B	9		GY4080	02	GR23XY	01	4	MEM	CY		22B			
12587		XA445	41							16B	9		GY4080	03	GR22XY	01	4	MEM	CY		22B			
12588		XA450	63			XA440	65			16B	9		GY4090	01	GY4090	00	1	TQ2	E4		33B			
12589		XA440	65			XA438	65			16B	9		GY4090	02	GR26XY	01	4	MEM	DY		34B			
12590		XA438	65			XA437	65			16B	9		GY4090	03	GR25XY	01	4	MEM	DY		34B			
12591		XA437	65							16B	9		GY4090	04	GR24XY	01	4	MEM	DY		34B			
12592		XA450	72			XA443	65			16B	9		GY4100	01	GY4100	00	1	TQ2	F2		34A			
12593		XA443	65			XA442	65			16B	9		GY4100	02	GR29XY	01	4	MEM	DY		34B			
12594		XA442	65			XA441	65			16B	9		GY4100	03	GR28XY	01	4	MEM	DY		34B			
12595		XA441	65							16B	9		GY4100	04	GR27XY	01	4	MEM	DY		34B			
12596		XA450	80			XA446	65			16B	9		GY4110	01	GY4110	00	1	TQ2	F4		39A			
12597		XA446	65			XA445	65			16B	9		GY4110	02	GR31XY	01	4	MEM	DY		34B			
12598		XA445	65							16B	9		GY4110	03	GR30XY	01	4	MEM	DY		34B			
22143		XA203	35			XA301	35			16B	9		JACKAD4	01				EXT					C03	
21946		XA301	35							16B	9		JACKAD4	02				EXT						
22079		XA201	59			XA203	03			16B	9		JBSTAD4	01				EXT						
22111		XA203	03							16B	9		JBSTAD4	02				EXT						C03
22145		XA203	37			XA301	37			16B	9		JCPUED4	01				EXT						C03
21948		XA301	37							16B	9		JCPUED4	02				EXT						
21766		XA303	01			XA311	05			16B	9		JDB00B4	01				EXT						
20967		XA311	05			XA312	76			16B	9		JDB00B4	02				RR4	A3					
20720		XA312	76			XA316	51			16B	9		JDB00B4	03	TB00C0	01	1	TQ2	F4		37A			
22413		XA316	51							16B	9	P	TB00TD	04	JDB00B4	01	1	TLD	D4		27B			
21769		XA303	03			XA311	07			16B	9		JDB01B4	01				EXT						
20959		XA311	07			XA312	74			16B	9		JDB01B4	02				RR4	A4					
20728		XA312	74			XA316	45			16B	9		JDB01B4	03	TB01C0	01	2	TQ2	F3		35B			
										****		SIGNAL	JDB01B4		S ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	LINE	PREFIX	CONNECTOR	PIN	LINE	MULTI GROUP	CODE	COLOR	IDENT													
22414		XA316	45							168	9		P	T801TD	04	JDB01B4	01	1	TLD	D3		24B			
21772		XA303	05		XA311	08				168	9			JDB02B4	01				EXT						
20951		XA311	08		XA312	71				168	9			JDB02B4	02				RR4	A1					
20736		XA312	71		XA316	46				168	9			JDB02B4	03	T802C0	01	2	TQ2	F2		36A			
22415		XA316	46							168	9		P	T802TD	04	JDB02B4	01	1	TLD	D2		21A			
21775		XA303	07		XA311	09				168	9			JDB03B4	01				EXT						
20943		XA311	09		XA312	77				168	9			JDB03B4	02				RR4	A5					
20744		XA312	77		XA316	52				168	9			JDB03B4	03	T803C0	01	2	TQ2	F1		38B			
22416		XA316	52							168	9		P	T803TD	04	JDB03B4	01	1	TLD	D1		24A			
21778		XA303	09		XA311	10				168	9			JDB04B4	01				EXT						
20935		XA311	10		XA312	59				168	9			JDB04B4	02				RR4	A2					IO/CPU DATA BUSS
20752		XA312	59		XA315	51				168	9			JDB04B4	03	T804C0	01	1	TQ2	E4		31B			
22417		XA315	51							168	9		P	T804TD	04	JDB04B4	01	1	TLD	D4		27B			
21781		XA303	11		XA311	17				168	9			JDB05B4	01				EXT						
20927		XA311	17		XA312	53				168	9			JDB05B4	02				RR4	B4					
20760		XA312	53		XA315	45				168	9			JDB05B4	03	T805C0	01	1	TQ2	E3		28B			
22418		XA315	45							168	9		P	T805TD	04	JDB05B4	01	1	TLD	D3		24B			
21784		XA303	13		XA311	19				168	9			JDB06B4	01				EXT						
20919		XA311	19		XA312	62				168	9			JDB06B4	02				RR4	B5					
20768		XA312	62		XA315	46				168	9			JDB06B4	03	T806C0	01	2	TQ2	E2		29A			
22419		XA315	46							168	9		P	T806TD	04	JDB06B4	01	1	TLD	D2		21A			
21787		XA303	15		XA311	20				168	9			JDB07B4	01				EXT						
20911		XA311	20		XA312	70				168	9			JDB07B4	02				RR4	B1					
20776		XA312	70		XA315	52				168	9			JDB07B4	03	T807C0	01	1	TQ2	E1		33A			
22420		XA315	52							168	9		P	T807TD	04	JDB07B4	01	1	TLD	D1		24A			
21790		XA303	17		XA311	23				168	9			JDB08B4	01				EXT						
20903		XA311	23		XA312	49				168	9			JDB08B4	02				RR4	C3					IO/CPU DATA BUSS
20784		XA312	49		XA314	80				168	9			JDB08B4	03	T808C0	01	2	TQ2	D4		26B			
22421		XA314	80							168	9		P	T808TD	04	JDB08B4	01	1	TLD	F4		39A			
21793		XA303	19		XA311	24				168	9			JDB09B4	01				EXT						
20895		XA311	24		XA312	43				168	9			JDB09B4	02				RR4	B3					
20792		XA312	43		XA314	69				168	9			JDB09B4	03	T809C0	01	2	TQ2	D3		23B			
22422		XA314	69							168	9		P	T809TD	04	JDB09B4	01	1	TLD	F3		35A			
21796		XA303	21		XA311	25				168	9			JDB10B4	01				EXT						
20887		XA311	25		XA312	50				168	9			JDB10B4	02				RR4	C4					
20800		XA312	50		XA314	72				168	9			JDB10B4	03	T810C0	01	1	TQ2	D2		23A			
22423		XA314	72							168	9		P	T810TD	04	JDB10B4	01	1	TLD	F2		34A			
21799		XA303	23		XA311	26				168	9			JDB11B4	01				EXT						
20879		XA311	26		XA312	56				168	9			JDB11B4	02				RR4	B2					
20808		XA312	56		XA314	75				168	9			JDB11B4	03	T811C0	01	1	TQ2	D1		26A			
										****				SIGNAL (JDB11B4)		IS ON THE			NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR												IDENT
22424		XA314	75						168	9		P	TB11TD	04	JDB11B4	01	1	TLD	F1	37B		
21802		XA303	25		XA311	29			168	9			JDB12B4	01				EXT				IO/CPU DATA BUSS
20871		XA311	29		XA312	37			168	9			JDB12B4	02				RR4	C5			
20818		XA312	37		XA314	63			168	9			JDB12B4	03	TB12C0	01	2	TQ2	C4	18B		
22425		XA314	63						168	9		P	TB12TD	04	JDB12B4	01	1	TLD	E4	33B		
21805		XA303	27		XA311	35			168	9			JDB13B4	01				EXT				
20863		XA311	35		XA312	29			168	9			JDB13B4	02				RR4	D3			
20824		XA312	29		XA314	57			168	9			JDB13B4	03	TB13C0	01	1	TQ2	C3	14B		
22426		XA314	57						168	9		P	TB13TD	04	JDB13B4	01	1	TLD	E3	30B		
21808		XA303	29		XA311	36			168	9			JDB14B4	01				EXT				
20855		XA311	36		XA312	34			168	9			JDB14B4	02				RR4	C1			
20832		XA312	34		XA314	60			168	9			JDB14B4	03	TB14C0	01	2	TQ2	C2	16A		
22427		XA314	60						168	9		P	TB14TD	04	JDB14B4	01	1	TLD	E2	28A		
21811		XA303	31		XA311	37			168	9			JDB15B4	01				EXT				
20847		XA311	37		XA312	42			168	9			JDB15B4	02				RR4	D4			
20840		XA312	42		XA314	66			168	9			JDB15B4	03	TB15C0	01	1	TQ2	C1	20A		
22428		XA314	66						168	9		P	TB15TD	04	JDB15B4	01	1	TLD	E1	31A		
21814		XA303	33		XA311	38			168	9			JDB16B4	01				EXT				IO/CPU DATA BUSS
20839		XA311	38		XA313	76			168	9			JDB16B4	02				RR4	C2			
20848		XA313	76		XA314	51			168	9			JDB16B4	03	TB16C0	01	1	TQ2	F4	37A		
22429		XA314	51						168	9		P	TB16TD	04	JDB16B4	01	1	TLD	O4	27B		
21817		XA303	35		XA311	39			168	9			JDB17B4	01				EXT				
20831		XA311	39		XA313	74			168	9			JDB17B4	02				RR4	D5			
20856		XA313	74		XA314	45			168	9			JDB17B4	03	TB17C0	01	2	TQ2	F3	35B		
22430		XA314	45						168	9		P	TB17TD	04	JDB17B4	01	1	TLD	D3	24B		
21820		XA303	37		XA311	41			168	9			JDB18B4	01				EXT				
20823		XA311	41		XA313	71			168	9			JDB18B4	02				RR4	E5			
20864		XA313	71		XA314	46			168	9			JDB18B4	03	TB18C0	01	2	TQ2	F2	36A		
22431		XA314	46						168	9		P	TB18TD	04	JDB18B4	01	1	TLD	O2	21A		
21823		XA303	39		XA311	42			168	9			JDB19B4	01				EXT				
20815		XA311	42		XA313	77			168	9			JDB19B4	02				RR4	D1			
20872		XA313	77		XA314	52			168	9			JDB19B4	03	TB19C0	01	2	TQ2	F1	38B		
22432		XA314	52						168	9		P	TB19TD	04	JDB19B4	01	1	TLD	D1	24A		
21825		XA303	41		XA311	45			168	9			JDB20B4	01				EXT				IO/CPU DATA BUSS
20807		XA311	45		XA313	59			168	9			JDB20B4	02				RR4	E4			
20880		XA313	59		XA314	39			168	9			JDB20B4	03	TB20C0	01	1	TQ2	E4	31B		
22433		XA314	39						168	9		P	TB20TD	04	JDB20B4	01	1	TLD	C4	19B		
21828		XA303	43		XA311	46			168	9			JDB21B4	01				EXT				
20799		XA311	46		XA313	53			168	9			JDB21B4	02				RR4	D2			
20888		XA313	53		XA314	33			168	9			JDB21B4	03	TB21C0	01	1	TQ2	E3	28B		
									****				SIGNAL (JDB21B4)		IS ON THE			NEXT PAGE	****			

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RECORD NUMBER	FROM			WIRE	TO			WIRE				SIGNAL	SEQ NO	EQUATION	TURNS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND JF	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
22434		XA314	33					168	9			P	TB21TD	04	JDB21B4	01	1	TLD	C3	16B			
21831		XA303	45		XA311	47		168	9				JDB22B4	01				EXT					
20791		XA311	47		XA313	62		168	9				JDB22B4	02				RR4	E3				
20896		XA313	62		XA314	30		168	9				JDB22B4	03	TB22C0	01	2	TQ2	E2	29A			
22435		XA314	30					168	9			P	TB22TD	04	JDB22B4	01	1	TLD	C2	15A			
21834		XA303	47		XA311	48		168	9				JDB23B4	01				EXT					
20783		XA311	48		XA313	70		168	9				JDB23B4	02				RR4	E2				
20904		XA313	70		XA314	38		168	9				JDB23B4	03	TB23C0	01	1	TQ2	E1	33A			
22436		XA314	38					168	9			P	TB23TD	04	JDB23B4	01	1	TLD	C1	18A			
21836		XA303	49		XA311	51		168	9				JDB24B4	01				EXT					
20775		XA311	51		XA313	47		168	9				JDB24B4	02				RR4	F5				IO/CPU DATA BUSS
20912		XA313	47		XA314	27		168	9				JDB24B4	03	TB24C0	01	1	TQ2	O4	25B			
22437		XA314	27					168	9			P	TB24TD	04	JDB24B4	01	1	TLD	B4	13B			
21838		XA303	51		XA311	52		168	9				JDB25B4	01				EXT					IO/CPU DATA BUSS
20767		XA311	52		XA313	41		168	9				JDB25B4	02				RR4	E1				
20920		XA313	41		XA314	21		168	9				JDB25B4	03	TB25C0	01	1	TQ2	O3	22B			
22438		XA314	21					168	9			P	TB25TD	04	JDB25B4	01	1	TLD	B3	10B			
21841		XA303	53		XA311	53		168	9				JDB26B4	01				EXT					
20759		XA311	53		XA313	48		168	9				JDB26B4	02				RR4	F4				
20928		XA313	48		XA314	14		168	9				JDB26B4	03	TB26C0	01	2	TQ2	O2	22A			
22439		XA314	14					168	9			P	TB26TD	04	JDB26B4	01	1	TLD	B2	09A			
21844		XA303	55		XA311	55		168	9				JDB27B4	01				EXT					
20751		XA311	55		XA313	54		168	9				JDB27B4	02				RR4	F3				
20936		XA313	54		XA314	22		168	9				JDB27B4	03	TB27C0	01	2	TQ2	O1	25A			
22440		XA314	22					168	9			P	TB27TD	04	JDB27B4	01	1	TLD	B1	12A			
21846		XA303	57		XA311	56		168	9				JDB28B4	01				EXT					
20743		XA311	56		XA313	35		168	9				JDB28B4	02				RR4	F2				
20944		XA313	35		XA314	15		168	9				JDB28B4	03	TB28C0	01	1	TQ2	C4	17B			
22441		XA314	15					168	9			P	TB28TD	04	JDB28B4	01	1	TLD	A4	07B			
21849		XA303	59		XA311	61		168	9				JDB29B4	01				EXT					IO/CPU DATA BUSS
20735		XA311	61		XA313	29		168	9				JDB29B4	02				RR4	G5				
20952		XA313	29		XA314	09		168	9				JDB29B4	03	TB29C0	01	1	TQ2	C3	14B			
22442		XA314	09					168	9			P	TB29TD	04	JDB29B4	01	1	TLD	A3	04B			
21852		XA303	61		XA311	62		168	9				JDB30B4	01				EXT					
20727		XA311	62		XA313	34		168	9				JDB30B4	02				RR4	F1				
20960		XA313	34		XA314	01		168	9				JDB30B4	03	TB30C0	01	2	TQ2	C2	16A			
22443		XA314	01					168	9			P	TB30TD	04	JDB30B4	01	1	TLD	A2	02B			
21855		XA303	63		XA311	65		168	9				JDB31B4	01				EXT					
21053		XA311	65		XA313	40		168	9				JDB31B4	02				RR4	G3				
20968		XA313	40		XA314	06		168	9				JDB31B4	03	TB31C0	01	2	TQ2	C1	19A			
								****	SIGNAL				JDB31B4		S ON THE			NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT												
22444		XA314	06							16B	9		P	TB31T0	04	JDB31B4	01	1	TLD	A1		05A		
22392		J01	L2		XA203	57			ZB	1EB	9		JDD11A	01					PWR					C07
22165		XA203	57						ZB	1EB	9		JDD11A	02					EXT					C03
22391		J01	L1		XA203	58			ZB	1EB	0		JDD11G	01					PWR					C07
22166		XA203	58						ZB	1EB	0		JDD11G	02					EXT					C03
17929		XA104	01		XA203	59			ZS	1EB	9		JDD12A	01					EXT					
22167		XA203	59						ZS	1EB	9		JDD12A	02					EXT					C03
10819		XA104	02		XA203	60			ZS	1EB	0		JDD12G	01	GRGUND				EXT					
22168		XA203	60						ZS	1EB	0		JDD12G	02					EXT					C03
22131		XA203	23		XA301	23				16B	9		JDECAD4	01					EXT					C03
21498		XA301	23							16B	9		JDECAD4	02					EXT					
22113		XA203	05		XA301	05				16B	9		JDIG1D4	01					EXT					C03
21485		XA301	05							16B	9		JDIG1D4	02					EXT					
22115		XA203	07		XA301	07				16B	9		JDIG2D4	01					EXT					C03
21486		XA301	07							16B	9		JDIG2D4	02					EXT					
22117		XA203	09		XA301	09				16B	9		JDIG3D4	01					EXT					C03
21489		XA301	09							16B	9		JDIG3D4	02					EXT					
22119		XA203	11		XA301	11				16B	9		JDIG4D4	01					EXT					C03
21491		XA301	11							16B	9		JDIG4D4	02					EXT					
22121		XA203	13		XA301	13				16B	9		JDIG5D4	01					EXT					C03
21493		XA301	13							16B	9		JDIG5D4	02					EXT					
22123		XA203	15		XA301	15				16B	9		JDIG6D4	01					EXT					C03
21495		XA301	15							16B	9		JDIG6D4	02					EXT					
22125		XA203	17		XA301	17				16B	9		JDIG8D4	01					EXT					C03
21496		XA301	17							16B	9		JDIG8D4	02					EXT					
22139		XA203	31		XA301	31				16B	9		JIPEBD4	01					EXT					C03
21942		XA301	31							16B	9		JIPEBD4	02					EXT					
22135		XA203	27		XA301	27				16B	9		JITRAD4	01					EXT					C03
21857		XA301	27							16B	9		JITRAD4	02					EXT					(M/R THRU HTS CONN)
22137		XA203	29		XA301	29				16B	9		JITRSD4	01					EXT					C03
21940		XA301	29							16B	9		JITRSD4	02					EXT					
22141		XA203	33		XA301	33				16B	9		JITTD04	01					EXT					C03
21944		XA301	33							16B	9		JITTD04	02					EXT					
										****	SIGNAL		JLITAD4		S ON THE	NEXT PAGE	****							



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	PREFIX	CONNECTOR	PIH	WIRE	PREFIX	CONNECTOR	PIH	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
22159 21962		XA203 XA301	51 51			XA301 51				168 168	9 9		JLITAD4 JLITAD4	01 02				EXT EXT				TO BAY 2	C03
22109 21481		XA203 XA301	01 01			XA301 01				168 168	9 9		JMPEI04 JMPET04	01 02				EXT EXT				TO BAY 2	C03
22149 21952		XA203 XA301	41 41			XA301 41				168 168	9 9		JMRSAB4 JMRSAB4	01 02				EXT EXT					C03
18148 22151 21954		XA107 XA203 XA301	05 43 43			XA203 XA301 43				168 168 168	9 9 9		JMTSAB4 JMTSAB4 JMTSAB4	00C 01 02				MTS EXT EXT					C03 B03
18149 22237 12682 21061		XA107 XA401 XA410 XA311	06 23 68 66			XA401 XA410 XA311 23 68 66				168 168 168 168	9 9 9 9		JMTSCB JMTSCB JMTSCB JMTSCB	00C 01 02 03	JMTSCO	01 1		MTS EXT TQ2 RR4	E1 G2		32A		B03 B03
22271 15877 12686		XA401 XA507 XA410	57 34 66			XA507 XA410 66				168 168 168	9 9 9		JMTSCO JMTSCO JMTSCO	005 01 02	MMRSTOX JMTSCO	01 00	1	EXT OCF TQ2	BB E1		12A 31A		
22127 21477		XA203 XA301	19 19			XA301 19				168 168	9 9		JQMPED4 JQMPED4	01 02				EXT EXT					C03
22129 21478		XA203 XA301	21 21			XA301 21				168 168	9 9		JQMTOD4 JQMTOD4	01 02				EXT EXT					C03
22161 21964		XA203 XA301	53 53			XA301 53				168 168	9 9		JSSGAD4 JSSGAD4	01 02				EXT EXT					C03
22157 21960		XA203 XA301	49 49			XA301 49				168 168	9 9		JSTPAD4 JSTPAD4	01 06				EXT EXT					C03
22155 21958		XA203 XA301	47 47			XA301 47				168 168	9 9		JS02AD4 JS02AD4	01 02				EXT EXT					C03
22153 21955		XA203 XA301	45 45			XA301 45				168 168	9 9		JS77AD4 JS77AD4	01 02				EXT EXT					C03
22133 21500		XA203 XA301	25 25			XA301 25				168 168	9 9		JOFRAD4 JOFRAD4	01 02				EXT EXT					C03
21905 12694 12695		XA501 XA533 XA529	63 20 26			XA533 XA529 26				168 168 168	9 9 9		J4RESB J4RESB J4RESB	01 02 03	MK098P NC0460	01 01	1	EXT TDD T04	OP B1		11A 14A		
17955 20689		XA104 XA315	31 30			XA315 30				168 168	9 9		KBAY1D KBAY1D	01 02	KBAY1D	00 1		EXT TLD			15A	GND TO PWR ON F/P	
										****		SIGNAL	KC1FLT									IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	2	PREFIX	CONNECTOR	PIN	2	MULTI GROUP	CODE	COLOR	IDENT												SPC INST. BASIC
22403 17938		J01 XA104	E2 11			XA104	11			18D 18D	9 9			KC1FLT KC1FLT	01 02									
22375 18179 22457		J01 XA107 XA303	M2 40 67			XA107 XA303	40 67			168 168 168	9 9 9			LOGC1B LOGC1B LOGC1B	01 02 04									806
17939 18180 22459		XA104 XA107 XA303	13 41 69			XA107 XA303	41 69			168 168 168	9 9 9			LOGC2B LOGC2B LOGC2B	01 02 04									806
18182 22461		XA107 XA303	42 71			XA303	71			168 168	9 9			LOG10B LOG10B	01 02									
21863 A0026		XA402 XA508	33 60			XA508	60			168 168	9 9			MACPTA MACPTA	01 02	MACPTA	00	1	EXT TQ2	E2			28A	
14723		XA507	17										J	MACPTOX	01	MACPTOX	00	1	OCF	A3			07B	YACPOB BUSS
09954 00735		XA507 XA508	15 64			XA508	64			168 168	9 9			MACPTOX MACPTOX	01 02	MACPTOX MACPTA	00 01	1 1	OCF TQ2	A4 E2			06B 30A	
09958		XA507	27										J	MADDODX	01	MADDODX	00	1	OCF	B1			10B	YADODB BUSS
21868 12753 12754 12755 12756		XA402 XA323 XA425 XA425 XA421	01 49 11 24 59			XA323 XA425 XA425 XA421	49 11 24 59			168 168 168 168 168	9 9 9 9 9			MA00BP MA00BP MA00BP MA00BP MA00BP	01 02 03 04 05	DM163D MC004A MC006A MA00BP	01 01 01 01 00	2 2 2 2 1	TLD TT3 TT3 TT3 TDD	04 A3 B1 JP			26B 05B 13A 31B	TO BAY 2
21869 12758 12759 12760 12761		XA402 XA425 XA425 XA421 XA528	03 03 06 61 08			XA425 XA425 XA421 XA528	03 06 61 08			168 168 168 168 168	9 9 9 9 9			MA00BQ MA00BQ MA00BQ MA00BQ MA00BQ	01 02 03 04 05	MC002A MC000A MA00BQ MC102A	01 01 01 00 01	3 3 3 1 2	TT3 TT3 TT3 TDD TQ2	A2 A1 JQ A1			02A 05A 32B 06A	
12764 12765 12766 12767 12768		XA424 XA423 XA422 XA421 XA419	70 70 70 70 75			XA423 XA422 XA421 XA419	70 70 70 75			168 168 168 168 168	9 9 9 9 9			MA00NA MA00NA MA00NA MA00NA MA00NA	01 02 03 04 05	MA03BN MA02BN MA01BN MA00BN MA00NA	01 01 01 01 00	1 1 1 1 1	TDD TDD TDD TDD TQ2	JN JN JN JN F1			33A 33A 33A 33A 37B	MA0003 CLOCK
12769 12770		XA425 XA417	74 77			XA417	77			168 168	9 9			MA000A MA000A	01 02	MA000A MA0010	00 01	1 2	TT3 TQ2	F2 F1			35B 38B	
12771 12772 12773 12774 12775		XA419 XA419 XA419 XA419 XA417	79 76 73 74 75			XA419 XA419 XA419 XA417	76 73 74 75			168 168 168 168 168	9 9 9 9 9			MA0010 MA0010 MA0010 MA0010 MA0010	01 02 03 04 05	MA00NA MA12NA MA04NA MA08NA MA0010	01 01 01 01 00	1 1 1 2 1	TQ2 TQ2 TQ2 TQ2 TQ2	F1 F4 F2 F3 F1			39B 37A 36B 35B 37B	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
12776		XA433	64		XA433	68				168	9		MA002A	01	MA0040	01	1	TQ2	E2		30A		
12777		XA433	68		XA425	80				168	9		MA002A	02	MA0030	01	2	TQ2	E1		32A		
12778		XA425	80							168	9		MA002A	03	MA002A	00	1	TT3	F3		39A		
12779		XA433	66		XA323	54				168	9		MA0030	01	MA0030	00	1	TQ2	E1		31A		
12780		XA323	54		XA323	47				168	9		MA0030	02	DM1930	01	2	TLD	D1		25A		
12781		XA323	47		XA323	48				168	9		MA0030	03	DM1630	01	1	TLD	D4		25B		
12782		XA323	48		XA323	41				168	9		MA0030	04	DM1830	01	2	TLD	D2		22A		
12783		XA323	41		XA323	40				168	9		MA0030	05	DM1730	01	1	TLD	D3		22B		
12784		XA323	40		XA323	35				168	9		MA0030	06	DM2330	01	2	TLD	C1		19A		
12785		XA323	35		XA323	34				168	9		MA0030	07	DM2030	01	1	TLD	C4		17B		
12786		XA323	34		XA323	29				168	9		MA0030	08	DM2230	01	2	TLD	C2		16A		
12787		XA323	29							168	9		MA0030	09	DM2130	01	1	TLD	C3		14B		
12790		XA433	60		XA321	24				168	9		MA0040	01	MA0040	00	1	TQ2	E2		28A		
12791		XA321	24		XA321	23				168	9		MA0040	02	DM2750	01	2	TLD	B1		13A		
12792		XA321	23		XA321	18				168	9		MA0040	03	DM2450	01	1	TLD	B4		11B		
12793		XA321	18		XA321	17				168	9		MA0040	04	DM2650	01	2	TLD	B2		10A		
12794		XA321	17		XA321	08				168	9		MA0040	05	DM2550	01	1	TLD	B3		08B		
12795		XA321	08		XA321	11				168	9		MA0040	06	DM3150	01	2	TLD	A1		06A		
12796		XA321	11		XA321	05				168	9		MA0040	07	DM2850	01	1	TLD	A4		05B		
12797		XA321	05		XA321	03				168	9		MA0040	08	DM3050	01	2	TLD	A2		03B		
12798		XA321	03							168	9		MA0040	09	DM2950	01	1	TLD	A3		02A		
12799		XA535	52		XA536	65				168	9		MA005A	01	MA005A	00	1	TQ2	D1		24A		
12800		XA536	65		XA536	71				168	9		MA005A	02	MA0070	01	1	TQ2	F3		34B		
12801		XA536	71		XA531	71				168	9		MA005A	03	MA0060	01	2	TQ2	F2		36A		
12802		XA531	71							168	9		MA005A	04	MC0870	01	1	TT3	F2		36A		
12803		XA536	72		XA517	76				168	9		MA0060	01	MA0060	00	1	TQ2	F2		34A		
12804		XA517	76		XA516	64				168	9		MA0060	02	MD188A	01	1	TQ2	F4		37A		
12805		XA516	64		XA517	55				168	9		MA0060	03	MD206A	01	1	TQ2	E2		30A		
12806		XA517	55		XA516	48				168	9		MA0060	04	MD183A	01	2	TQ2	E3		29B		
12807		XA516	48		XA516	36				168	9		MA0060	05	MD202A	01	2	TQ2	D2		22A		
12808		XA516	36		XA516	26				168	9		MA0060	06	MD198A	01	1	TQ2	C2		17A		
12809		XA516	26		XA519	34				168	9		MA0060	07	MD193A	01	1	TQ2	B1		14A		
12810		XA519	34		XA519	20				168	9		MA0060	08	MD125A	01	2	TQ2	C2		16A		
12811		XA519	20							168	9		MA0060	09	MD121A	01	1	TQ2	B2		11A		
12812		XA536	69		XA516	71				168	9		MA0070	01	MA0070	00	1	TQ2	F3		35A		
12813		XA516	71		XA515	68				168	9		MA0070	02	MD210A	01	2	TQ2	F2		36A		
12814		XA515	68		XA515	56				168	9		MA0070	03	MD226A	01	2	TQ2	E1		32A		
12815		XA515	56		XA515	42				168	9		MA0070	04	MD222A	01	1	TQ2	D1		26A		
12816		XA515	42		XA515	26				168	9		MA0070	05	MD218A	01	1	TQ2	C1		20A		
12817		XA515	26							168	9		MA0070	06	MD214A	01	1	TQ2	B1		14A		
21872		XA402	05		XA323	43				168	9		MA01BP	01				EXT					
12821		XA323	43		XA425	05				168	9		MA01BP	02	DM1730	01	2	TLD	D3		23B		
										****	SIGNAL		MA01BP		S ON THE	NEXT PAGE	****						

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MA01BP

STRING

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

FILE IDENT T39B2CP1

DATE 09-03-82

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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/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
12822		XA425	05		XA425	22		16B	9		MA01BP	03	MC002A	01	1	TT3	A2		03B		
12823		XA425	22		XA422	59		16B	9		MA01BP	04	MC006A	01	3	TT3	B1		12A		
12824		XA422	59					16B	9		MA01BP	05	MA01BP	00	1	TDD	JP		31B		
21873		XA402	07		XA425	13		16B	9		MA01BQ	01				EXT					
12826		XA425	13		XA425	10		16B	9		MA01BQ	02	MC004A	01	3	TT3	A3		06B		
12827		XA425	10		XA422	61		16B	9		MA01BQ	03	MC000A	01	1	TT3	A1		07A		
12828		XA422	61		XA528	10		16B	9		MA01BQ	04	MA01BQ	00	1	TDD	JQ		32B		
12829		XA528	10					16B	9		MA01BQ	05	MC102A	01	1	TQ2	A1		07A		
21876		XA402	09		XA323	50		16B	9		MA02BP	01				EXT					
12835		XA323	50		XA425	29		16B	9		MA02BP	02	DM183D	01	1	TLD	D2		23A		
12836		XA425	29		XA425	38		16B	9		MA02BP	03	MC014A	01	3	TT3	C2		14B		
12837		XA425	38		XA423	59		16B	9		MA02BP	04	MC012A	01	3	TT3	C1		18A		
12838		XA423	59					16B	9		MA02BP	05	MA02BP	00	1	TDD	JP		31B		
21877		XA402	11		XA425	17		16B	9		MA02BQ	01				EXT					
12840		XA425	17		XA425	23		16B	9		MA02BQ	02	MC008A	01	3	TT3	B2		08B		
12841		XA425	23		XA423	61		16B	9		MA02BQ	03	MC010A	01	2	TT3	B3		11B		
12842		XA423	61		XA526	36		16B	9		MA02BQ	04	MA02BQ	00	1	TDD	JQ		32B		
12843		XA526	36					16B	9		MA02BQ	05	MC103A	01	4	TS8	C1		17A		
21880		XA402	13		XA323	56		16B	9		MA03BP	01				EXT					
12849		XA323	56		XA425	21		16B	9		MA03BP	02	DM193D	01	1	TLD	D1		26A		
12850		XA425	21		XA425	30		16B	9		MA03BP	03	MC010A	01	1	TT3	B3		10B		
12851		XA425	30		XA424	59		16B	9		MA03BP	04	MC014A	01	2	TT3	C2		15A		
12852		XA424	59					16B	9		MA03BP	05	MA03BP	00	1	TDD	JP		31B		
21881		XA402	15		XA425	14		16B	9		MA03BQ	01				EXT					
12854		XA425	14		XA425	42		16B	9		MA03BQ	02	MC008A	01	2	TT3	B2		09A		
12855		XA425	42		XA424	61		16B	9		MA03BQ	03	MC012A	01	1	TT3	C1		20A		
12856		XA424	61		XA526	40		16B	9		MA03BQ	04	MA03BQ	00	1	TDD	JQ		32B		
12857		XA526	40					16B	9		MA03BQ	05	MC103A	01	2	TS8	C1		19A		
12860		XA517	53		XA421	57		16B	9		MA04BP	01	MD183A	01	1	TQ2	E3		28B		
12861		XA421	57		XA323	37		16B	9		MA04BP	02	MA04BP	00	1	TDD	KP		30B		
12862		XA323	37					16B	9		MA04BP	03	DM203D	01	2	TLD	C4		18B		
12863		XA526	30		XA421	55		16B	9		MA04BQ	01	MC103A	01	6	TS8	C1		15A		
12864		XA421	55					16B	9		MA04BQ	02	MA04BQ	00	1	TDD	KQ		27B		
12865		XA424	60		XA423	60		16B	9		MA04NA	01	MA07BN	01	1	TDD	KN		28A		
12866		XA423	60		XA422	60		16B	9		MA04NA	02	MA06BN	01	1	TDD	KN		28A		
12867		XA422	60		XA421	60		16B	9		MA04NA	03	MA05BN	01	1	TDD	KN		28A		
12868		XA421	60		XA419	72		16B	9		MA04NA	04	MA04BN	01	1	TDD	KN		28A		
12869		XA419	72					16B	9		MA04NA	05	MA04NA	00	1	TQ2	F2		34A	MA0407 CLOCK	
12870		XA517	78		XA422	57		16B	9		MA05BP	01	MD188A	01	2	TQ2	F4		38A		
12871		XA422	57		XA323	31		16B	9		MA05BP	02	MA05BP	00	1	TDD	KP		30B		
12872		XA323	31					16B	9		MA05BP	03	DM213D	01	2	TLD	C3		15B		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
12873		XA526	31		XA422	55			16B	9			MA05BQ	01	MC103A	01	7	TS8	C1		15B		
12874		XA422	55						16B	9			MA05BQ	02	MA05BQ	00	1	TDD	KQ		29B		
12875		XA516	24		XA423	57			16B	9			MA06BP	01	MD193A	01	2	TQ2	B1		13A		
12876		XA423	57		XA323	36			16B	9			MA06BP	02	MA06BP	00	1	TDD	KP		30B		
12877		XA323	36						16B	9			MA06BP	03	DM223D	01	1	TLD	C2		17A		
12878		XA526	34		XA423	55			16B	9			MA06BQ	01	MC103A	01	5	TS8	C1		16A		
12879		XA423	55						16B	9			MA06BQ	02	MA06BQ	00	1	TDD	KQ		29B		
12880		XA516	34		XA424	57			16B	9			MA07BP	01	MD198A	01	2	TQ2	C2		16A		
12881		XA424	57		XA323	42			16B	9			MA07BP	02	MA07BP	00	1	TDD	KP		30B		
12882		XA323	42						16B	9			MA07BP	03	DM233D	01	1	TLD	C1		20A		
12883		XA526	38		XA424	55			16B	9			MA07BQ	01	MC103A	01	3	TS8	C1		18A		
12884		XA424	55						16B	9			MA07BQ	02	MA07BQ	00	1	TDD	KQ		29B		
12885		XA516	50		XA421	76			16B	9			MA08BP	01	MD202A	01	1	TQ2	D2		23A		
12886		XA421	76		XA321	25			16B	9			MA08BP	02	MA08BP	00	1	TDD	LP		37A		
12887		XA321	25						16B	9			MA08BP	03	DM245D	01	2	TLD	B4		12B		
12888		XA526	42		XA421	78			16B	9			MA08BQ	01	MC103A	01	1	TS8	C1		20A		
12889		XA421	78						16B	9			MA08BQ	02	MA08BQ	00	1	TDD	LQ		38A		
12890		XA424	79		XA423	79			16B	9			MA08NA	01	MA118N	01	1	TDD	LN		39B		
12891		XA423	79		XA422	79			16B	9			MA08NA	02	MA108N	01	1	TDD	LN		39B		
12892		XA422	79		XA421	79			16B	9			MA08NA	03	MA098N	01	1	TDD	LN		39B		
12893		XA421	79		XA419	69			16B	9			MA08NA	04	MA088N	01	1	TDD	LN		39B		
12894		XA419	69						16B	9			MA08NA	05	MA08NA	00	1	TQ2	F3		35A		MA0811 CLOCK
12895		XA516	62		XA422	76			16B	9			MA09BP	01	MD206A	01	2	TQ2	E2		29A		
12896		XA422	76		XA321	19			16B	9			MA09BP	02	MA09BP	00	1	TDD	LP		37A		
12897		XA321	19						16B	9			MA09BP	03	DM255D	01	2	TLD	B3		09B		
12898		XA526	37		XA422	78			16B	9			MA09BQ	01	MC103A	01	8	TS8	C1		18B		
12899		XA422	78						16B	9			MA09BQ	02	MA09BQ	00	1	TDD	LQ		38A		
12900		XA516	73		XA528	11			16B	9			MA10BP	01	MD210A	01	1	TQ2	F2		36B		
12901		XA528	11		XA423	76			16B	9			MA10BP	02	MC1040	01	1	TQ2	A4		05B		
12902		XA423	76		XA321	20			16B	9			MA10BP	03	MA10BP	00	1	TDD	LP		37A		
12903		XA321	20						16B	9			MA10BP	04	DM265D	01	1	TLD	B2		11A		
12904		XA528	24		XA423	78			16B	9			MA10BQ	01	MC1050	01	2	TQ2	B1		13A		
12905		XA423	78						16B	9			MA10BQ	02	MA10BQ	00	1	TDD	LQ		38A		
21884		XA402	17		XA321	26			16B	9			MA11BP	01				EXT					
12909		XA321	26		XA528	18			16B	9			MA11BP	02	DM275D	01	1	TLD	B1		14A		
12910		XA528	18		XA424	76			16B	9			MA11BP	03	MC1060	01	2	TQ2	B2		10A		
									****		SIGNAL		MA11BP		IS ON THE		NEXT PAGE				****		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
12911		XA424	76			XA515	24			168	9		MA11BP	04	MA11BP	00	1	T00	LP		37A		
12912		XA515	24							168	9		MA11BP	05	MD214A	01	2	TQ2	B1		13A		
12913		XA528	17			XA424	78			168	9		MA11BQ	01	MC1070	01	1	TQ2	B3		08B		
12914		XA424	78							168	9		MA11BQ	02	MA11BQ	00	1	T00	LQ		38A		
21886		XA402	19			XA321	13			168	9		MA12BP	01				EXT					
12920		XA321	13			XA425	46			168	9		MA12BP	02	DM2850	01	2	TLD	A4		06B		
12921		XA425	46			XA425	49			168	9		MA12BP	03	MC005A	01	2	TT3	D2		21A		
12922		XA425	49			XA421	69			168	9		MA12BP	04	MC007A	01	3	TT3	D3		26B		
12923		XA421	69			XA528	23			168	9		MA12BP	05	MA12BP	00	1	T00	MP		35A		
12924		XA528	23			XA515	40			168	9		MA12BP	06	MC1080	01	1	TQ2	B4		11B		
12925		XA515	40							168	9		MA12BP	07	MD218A	01	2	TQ2	C1		19A		
12926		XA528	40			XA421	74			168	9		MA12BQ	01	MC1095	01	2	TQ2	C1		19A		
12927		XA421	74			XA425	54			168	9		MA12BQ	02	MA12BQ	00	1	T00	MQ		35B		
12928		XA425	54			XA425	33			168	9		MA12BQ	03	MC003A	01	2	TT3	D1		25A		
12929		XA425	33							168	9		MA12BQ	04	MC001A	01	1	TT3	C3		16B		
12930		XA424	72			XA423	72			168	9		MA12NA	01	MA158N	01	1	T00	MN		34A		
12931		XA423	72			XA422	72			168	9		MA12NA	02	MA148N	01	1	T00	MN		34A		
12932		XA422	72			XA421	72			168	9		MA12NA	03	MA138N	01	1	T00	MN		34A		
12933		XA421	72			XA419	80			168	9		MA12NA	04	MA128N	01	1	T00	MN		34A		
12934		XA419	80							168	9		MA12NA	05	MA12NA	00	1	TQ2	F4		39A	MA1215 CLOCK	
21888		XA402	21			XA515	54			168	9		MA138P	01				EXT					
12938		XA515	54			XA528	34			168	9		MA138P	02	MD222A	01	2	TQ2	D1		25A		
12939		XA528	34			XA422	69			168	9		MA138P	03	MC1100	01	2	TQ2	C2		16A		
12940		XA422	69			XA425	52			168	9		MA138P	04	MA138P	00	1	T00	MP		35A		
12941		XA425	52			XA425	47			168	9		MA138P	05	MC003A	01	3	TT3	D1		24A		
12942		XA425	47			XA321	07			168	9		MA138P	06	MC007A	01	2	TT3	D3		25B		
12943		XA321	07							168	9		MA138P	07	DM2950	01	2	TLD	A3		03A		
12944		XA425	37			XA425	48			168	9		MA138Q	01	MC001A	01	3	TT3	C3		18B		
12945		XA425	48			XA422	74			168	9		MA138Q	02	MC005A	01	1	TT3	D2		22A		
12946		XA422	74			XA528	29			168	9		MA138Q	03	MA138Q	00	1	T00	MQ		35B		
12947		XA528	29							168	9		MA138Q	04	MC1115	01	1	TQ2	C3		14B		
21890		XA402	23			XA515	70			168	9		MA148P	01				EXT					
12951		XA515	70			XA528	35			168	9		MA148P	02	MD226A	01	1	TQ2	E1		33A		
12952		XA528	35			XA425	79			168	9		MA148P	03	MC1120	01	1	TQ2	C4		17B		
12953		XA425	79			XA423	69			168	9		MA148P	04	MC015A	01	1	TT3	F1		39B		
12954		XA423	69			XA425	59			168	9		MA148P	05	MA148P	00	1	T00	MP		35A		
12955		XA425	59			XA321	04			168	9		MA148P	06	MC013A	01	2	TT3	E3		31B		
12956		XA321	04							168	9		MA148P	07	DM3050	01	1	TLD	A2		04A		
12957		XA425	62			XA425	68			168	9		MA148Q	01	MC011A	01	1	TT3	E2		29A		
12958		XA425	68			XA423	74			168	9		MA148Q	02	MC009A	01	2	TT3	E1		32A		
12959		XA423	74			XA528	54			168	9		MA148Q	03	MA148Q	00	1	T00	MQ		35B		
12960		XA528	54							168	9		MA148Q	04	MC1130	01	2	TQ2	D1		25A		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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MA14BQ

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

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
21892		XA402	25		XA321	10			168	9			MA15BP	01			EXT					
12964		XA321	10		XA419	62			168	9			MA15BP	02	DM315D	01	1	TLD	A1		07A	
12965		XA419	62		XA425	53			168	9			MA15BP	03	MA15P0	01	2	TQ2	E2		29A	
12966		XA425	53		XA424	69			168	9			MA15BP	04	MC011A	01	3	TT3	E2		28B	
12967		XA424	69		XA425	77			168	9			MA15BP	05	MA15BP	00	1	TDD	MP		35A	
12968		XA425	77						168	9			MA15BP	06	MC015A	01	2	TT3	F1		38B	
21893		XA402	27		XA419	53			168	9			MA15BQ	01			EXT					
12970		XA419	53		XA424	74			168	9			MA15BQ	02	MA15Q0	01	1	TQ2	E3		28B	
12971		XA424	74		XA425	66			168	9			MA15BQ	03	MA15BQ	00	1	TDD	MQ		35B	
12972		XA425	66		XA425	61			168	9			MA15BQ	04	MC009A	01	3	TT3	E1		31A	
12973		XA425	61						168	9			MA15BQ	05	MC013A	01	3	TT3	E3		32B	
21896		XA402	29		XA419	60			168	9			MA15P0	01			EXT					
12979		XA419	60						168	9			MA15P0	02	MA15P0	00	1	TQ2	E2		28A	MA15BP UNLOAD
21898		XA402	31		XA419	57			168	9			MA15Q0	01			EXT					
2322E		XA419	57						168	9			MA15Q0	02	MA15Q0	00	1	TQ2	E3		30B	
21900		XA402	35		XA419	01			168	9			MB00C0	01			EXT					
21205		XA419	01						168	9			MB00C0	02	MB00C0	00	1	TQ2	A2		02B	
12984		XA433	06		XA428	13			168	9			MB00V0	01	MB00V0	00	1	TQ2	A1		05A	
12985		XA428	13						168	9			MB00V0	02	MB00XW	01	1	MEM	AW		06B	
12986		XA434	06		XA428	07			168	9			MB00W0	01	MB00W0	00	1	TQ2	A1		05A	
12987		XA428	07						168	9			MB00W0	02	MB00XV	01	1	MEM	AV		03A	
12991		XA434	76		XA530	48			168	9			MB00XV	01	MC053A	01	1	TQ2	F4		37A	
12992		XA530	48		XA430	06			168	9			MB00XV	02	MC055A	01	5	TS8	D1		22A	
12990		XA430	06		XA428	09			168	9			MB00XV	03			RR1	A2				
12993		XA428	09		XA419	04			168	9			MB00XV	04	MB00XV	00	1	MEM	AV		04B	
17778		XA419	04						168	9			MB00XV	05	MB00C0	01	1	TQ2	A2		04A	
12995		XA430	05		XA322	49			168	9			MB00XW	01			RR1	A1				
12996		XA322	49		XA428	11			168	9			MB00XW	02	DM164D	01	2	TLD	D4		26B	
12997		XA428	11		XA434	65			168	9			MB00XW	03	MB00XW	00	1	MEM	AW		05B	
12998		XA434	65						168	9			MB00XW	04	MC0470	01	1	TQ2	F3		34B	
12999		XA536	77		XA535	61			168	9			MB000A	01	MB0020	01	2	TQ2	F1		38B	
13000		XA535	61		XA529	59			168	9			MB000A	02	MB0010	01	2	TQ2	E4		32B	
13001		XA529	59						168	9			MB000A	03	MB000A	00	1	TD4	E1		31B	
13002		XA535	63		XA433	78			168	9			MB0010	01	MB0010	00	1	TQ2	E4		33B	
13003		XA433	78		XA518	04			168	9			MB0010	02	MC0830	01	2	TQ2	F4		38A	
13004		XA518	04		XA518	25			168	9			MB0010	03	MD142A	01	1	TQ2	A2		04A	
13005		XA518	25		XA518	26			168	9			MB0010	04	MD148A	01	2	TQ2	B4		12B	
13006		XA518	26		XA518	31			168	9			MB0010	05	MD145A	01	1	TQ2	B1		14A	
									****		SIGNAL	MB0010		IS ON THE		NEXT PAGE	****					

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RECORD NUMBER	FROM			TO			MULTI GROUP	WIRE			SFC INT. 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		CODE	COLOR	IDENT												
13007		XA518	31		XA518	50		168	9			MB0010	06	MD151A	01	2	TQ2	C3		15B		
13008		XA518	50		XA519	61		168	9			MB0010	07	MD154A	01	1	TQ2	O2		23A		
13009		XA519	61		XA519	65		168	9			MB0010	08	MD136A	01	2	TQ2	E4		32B		
13010		XA519	65					168	9			MB0010	09	MD139A	01	1	TQ2	F3		34B		
13011		XA536	75		XA518	78		168	9			MB0020	01	MB0020	00	1	TQ2	F1		37B		
13012		XA518	78		XA518	70		168	9			MB0020	02	MD164A	01	2	TQ2	F4		38A		
13013		XA518	70		XA518	61		168	9			MB0020	03	MD157A	01	1	TQ2	E1		33A		
13014		XA518	61		XA517	41		168	9			MB0020	04	MD160A	01	2	TQ2	E4		32B		
13015		XA517	41		XA517	35		168	9			MB0020	05	MD179A	01	1	TQ2	O3		22B		
13016		XA517	35		XA517	23		168	9			MB0020	06	MD176A	01	1	TQ2	C4		17B		
13017		XA517	23		XA517	13		168	9			MB0020	07	MD172A	01	1	TQ2	B4		11B		
13018		XA517	13					168	9			MB0020	08	MD168A	01	2	TQ2	A4		08B		
17820		XA410	59		XA412	57		168	9			MB003A	01	MB0030	01	1	TQ2	E4		31B		E03
21197		XA412	57					168	9			MB003A	02	MB003A	00	1	TQ4	E2		30B		E03
21194		XA410	63		XA425	75		168	9			MB0030	01	MB0030	00	1	TQ2	E4		33B		E03
06344		XA425	75		XA425	70		168	9			MB0030	02	MC015A	01	3	TT3	F1		37B		E03
06345		XA425	70		XA425	57		168	9			MB0030	03	MC009A	01	1	TT3	E1		33A		E03
06346		XA425	57		XA425	60		168	9			MB0030	04	MC013A	01	1	TT3	E3		30B		E03
06347		XA425	60		XA425	56		168	9			MB0030	05	MC011A	01	2	TT3	E2		28A		E03
06348		XA425	56		XA425	45		168	9			MB0030	06	MC003A	01	1	TT3	D1		26A		E03
06349		XA425	45		XA425	41		168	9			MB0030	07	MC007A	01	1	TT3	D3		24B		E03
06350		XA425	41		XA425	35		168	9			MB0030	08	MC005A	01	3	TT3	D2		22B		E03
06351		XA425	35					168	9			MB0030	09	MC001A	01	2	TT3	C3		17B		E03
21902		XA402	37		XA419	09		168	9			MB01C0	01				EXT					
21207		XA419	09					168	9			MB01C0	02	MB01C0	00	1	TQ2	A3		04B		
13019		XA433	01		XA429	13		168	9			MB01V0	01	MB01V0	00	1	TQ2	A2		02B		
13020		XA429	13					168	9			MB01V0	02	MB01XW	01	1	MEM	AW		06B		
13021		XA434	01		XA429	07		168	9			MB01W0	01	MB01W0	00	1	TQ2	A2		02B		
13022		XA429	07					168	9			MB01W0	02	MB01XV	01	1	MEM	AV		03A		
13025		XA430	08		XA434	78		168	9			MB01XV	01				RR1	A4				
13026		XA434	78		XA429	09		168	9			MB01XV	02	MC053A	01	2	TQ2	F4		38A		
13027		XA429	09		XA419	03		168	9			MB01XV	03	MB01XV	00	1	MEM	AV		04B		
17777		XA419	03					168	9			MB01XV	04	MB01C0	01	1	TQ2	A3		02A		
13030		XA322	43		XA429	11		168	9			MB01XW	01	DM174D	01	2	TLD	D3		23B		
13031		XA429	11		XA430	07		168	9			MB01XW	02	MB01XW	00	1	MEM	AW		05B		
13029		XA430	07		XA434	74		168	9			MB01XW	03				RR1	A3				
13032		XA434	74					168	9			MB01XW	04	MC0470	01	2	TQ2	F3		35B		
13033		XA433	09		XA431	13		168	9			MB02V0	01	MB02V0	00	1	TQ2	A3		04B		
13034		XA431	13					168	9			MB02V0	02	MB02XW	01	1	MEM	AW		06B		
13035		XA434	09		XA431	07		168	9			MB02W0	01	MB02W0	00	1	TQ2	A3		04B		
								****		SIGNAL		MB02W0		S ON THE			NEXT PAGE		****			



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RECORD NUMBER	FROM				TO				WIRE			MULTI GROUP	CODE	COLOR	IDENT	SIGNAL	SEQ NO	EQU TION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OF POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO																		
13036		XA431	07							168	9			MB02W0	02	MB02XV	01	1	MEM	AV			03A			
13039		XA430	10		XA537	14				168	9			MB02XV	01				RR1	A6						
13040		XA537	14		XA431	09				168	9			MB02XV	02	MC084A	01	6	TS8	B1			09A			
13041		XA431	09							168	9			MB02XV	03	MB02XV	00	1	MEM	AV			04B			
13042		XA430	09		XA519	59				168	9			MB02XW	01				RR1	A5						
13043		XA519	59		XA431	11				168	9			MB02XW	02	MD136A	01	1	TQ2	E4			31B			
13044		XA431	11		XA322	50				168	9			MB02XW	03	MB02XW	00	1	MEM	AW			05B			
13045		XA322	50							168	9			MB02XW	04	DM184D	01	1	TLD	D2			23A			
13048		XA433	15		XA432	13				168	9			MB03V0	01	MB03V0	00	1	TQ2	A4			07B			
13049		XA432	13							168	9			MB03V0	02	MB03XW	01	1	MEM	AW			06B			
13050		XA434	15		XA432	07				168	9			MB03W0	01	MB03W0	00	1	TQ2	A4			07B			
13051		XA432	07							168	9			MB03W0	02	MB03XV	01	1	MEM	AV			03A			
13054		XA430	18		XA537	26				168	9			MB03XV	01				RR1	B2						
13055		XA537	26		XA432	09				168	9			MB03XV	02	MC084A	01	1	TS8	B1			14A			
13056		XA432	09							168	9			MB03XV	03	MB03XV	00	1	MEM	AV			04B			
13057		XA430	17		XA519	74				168	9			MB03XW	01				RR1	B1						
13058		XA519	74		XA432	11				168	9			MB03XW	02	MD139A	01	2	TQ2	F3			35B			
13059		XA432	11		XA322	54				168	9			MB03XW	03	MB03XW	00	1	MEM	AW			05B			
13060		XA322	54							168	9			MB03XW	04	DM194D	01	2	TLD	D1			25A			
13063		XA433	22		XA428	37				168	9			MB04V0	01	MB04V0	00	1	TQ2	B1			12A			
13064		XA428	37							168	9			MB04V0	02	MB04XW	01	1	MEM	BW			18B			
13065		XA434	22		XA428	31				168	9			MB04W0	01	MB04W0	00	1	TQ2	B1			12A			
13066		XA428	31							168	9			MB04W0	02	MB04XV	01	1	MEM	BV			15B			
13067		XA430	20		XA537	19				168	9			MB04XV	01				RR1	B4						
13068		XA537	19		XA428	33				168	9			MB04XV	02	MC084A	01	7	TS8	B1			09B			
13069		XA428	33							168	9			MB04XV	03	MB04XV	00	1	MEM	BV			16B			
13070		XA430	19		XA518	05				168	9			MB04XW	01				RR1	B3						
13071		XA518	05		XA428	35				168	9			MB04XW	02	MD142A	01	2	TQ2	A2			03B			
13072		XA428	35		XA322	37				168	9			MB04XW	03	MB04XW	00	1	MEM	BW			17B			
13073		XA322	37							168	9			MB04XW	04	DM204D	01	2	TLD	C4			18B			
13074		XA433	14		XA429	37				168	9			MB05V0	01	MB05V0	00	1	TQ2	B2			09A			
13075		XA429	37							168	9			MB05V0	02	MB05XW	01	1	MEM	BW			18B			
13076		XA434	14		XA429	31				168	9			MB05W0	01	MB05W0	00	1	TQ2	B2			09A			
13077		XA429	31							168	9			MB05W0	02	MB05XV	01	1	MEM	BV			15B			
13078		XA430	24		XA537	18				168	9			MB05XV	01				RR1	B5						
13079		XA537	18		XA429	33				168	9			MB05XV	02	MC084A	01	5	TS8	B1			10A			
13080		XA429	33							168	9			MB05XV	03	MB05XV	00	1	MEM	BV			16B			

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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	PK	PREFIX	CONNECTOR	PIN	PK	MULTI GROUP	CODE	COLOR	IDENT											
13081		XA430	23		XA518	24				168	9		MB05XW	01				RR1	C1				
13082		XA518	24		XA429	35				168	9		MB05XW	02	MD145A	01	2	TQ2	B1		13A		
13083		XA429	35		XA322	31				168	9		MB05XW	03	MB05XW	00	1	MEM	BW		17B		
13084		XA322	31							168	9		MB05XW	04	DM214D	01	2	TLD	C3		15B		
13085		XA433	21		XA431	37				168	9		MB06V0	01	MB06V0	00	1	TQ2	B3		10B		
13086		XA431	37							168	9		MB06V0	02	MB06XW	01	1	MEM	BW		18B		
13087		XA434	21		XA431	31				168	9		MB06W0	01	MB06W0	00	1	TQ2	B3		10B		
13088		XA431	31							168	9		MB06W0	02	MB06XV	01	1	MEM	BV		15B		
13089		XA430	26		XA537	20				168	9		MB06XV	01				RR1	B6				
13090		XA537	20		XA431	33				168	9		MB06XV	02	MC084A	01	4	YS8	B1		11A		
13091		XA431	33							168	9		MB06XV	03	MB06XV	00	1	MEM	BV		16B		
13092		XA430	25		XA518	23				168	9		MB06XW	01				RR1	C2				
13093		XA518	23		XA431	35				168	9		MB06XW	02	MD148A	01	1	TQ2	B4		11B		
13094		XA431	35		XA322	36				168	9		MB06XW	03	MB06XW	00	1	MEM	BW		17B		
13095		XA322	36							168	9		MB06XW	04	DM224D	01	1	TLD	C2		17A		
13096		XA433	27		XA432	37				168	9		MB07V0	01	MB07V0	00	1	TQ2	B4		13B		
13097		XA432	37							168	9		MB07V0	02	MB07XW	01	1	MEM	BW		18B		
13098		XA434	27		XA432	31				168	9		MB07W0	01	MB07W0	00	1	TQ2	B4		13B		
13099		XA432	31							168	9		MB07W0	02	MB07XV	01	1	MEM	BV		15B		
13100		XA430	30		XA537	22				168	9		MB07XV	01				RR1	C4				
13101		XA537	22		XA432	33				168	9		MB07XV	02	MC084A	01	3	TS8	B1		12A		
13102		XA432	33							168	9		MB07XV	03	MB07XV	00	1	MEM	BV		16B		
13103		XA430	29		XA518	29				168	9		MB07XW	01				RR1	C3				
13104		XA518	29		XA432	35				168	9		MB07XW	02	MD151A	01	1	TQ2	C3		14B		
13105		XA432	35		XA322	42				168	9		MB07XW	03	MB07XW	00	1	MEM	BW		17B		
13106		XA322	42							168	9		MB07XW	04	DM234D	01	1	TLD	C1		20A		
13107		XA433	38		XA428	49				168	9		MB08V0	01	MB08V0	00	1	TQ2	C1		18A		
13108		XA428	49							168	9		MB08V0	02	MB08XW	01	1	MEM	CW		26B		
13109		XA434	38		XA428	43				168	9		MB08W0	01	MB08W0	00	1	TQ2	C1		18A		
13110		XA428	43							168	9		MB08W0	02	MB08XV	01	1	MEM	CV		23B		
13111		XA430	36		XA537	25				168	9		MB08XV	01				RR1	C6				
13112		XA537	25		XA428	45				168	9		MB08XV	02	MC084A	01	8	YS8	B1		12B		
13113		XA428	45							168	9		MB08XV	03	MB08XV	00	1	MEM	CV		24B		
13114		XA430	35		XA518	48				168	9		MB08XW	01				RR1	D1				
13115		XA518	48		XA428	47				168	9		MB08XW	02	MD154A	01	2	TQ2	D2		22A		
13116		XA428	47		XA320	25				168	9		MB08XW	03	MB08XW	00	1	MEM	CW		25B		
										***	SIGNAL		MB08XW		IS ON THE	NEXT PAGE	****						

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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 OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	INS	MULTI GROUP	CODE	COLOR												
13117		XA320	25						16B	9		MB08XW	04	DM246D	01	2	TLD	B4		12B		
13118		XA433	30		XA429	49			16B	9		MB09V0	01	MB09V0	00	1	TQ2	C2		15A		
13119		XA429	49						16B	9		MB09V0	02	MB09XW	01	1	MEM	CW		26B		
13120		XA434	30		XA429	43			16B	9		MB09W0	01	MB09W0	00	1	TQ2	C2		15A		
13121		XA429	43						16B	9		MB09W0	02	MB09XV	01	1	MEM	CV		23B		
13124		XA430	38		XA537	24			16B	9		MB09XV	01				RR1	C5				
13125		XA537	24		XA429	45			16B	9		MB09XV	02	MC084A	01	2	TS8	B1		13A		
13126		XA429	45						16B	9		MB09XV	00	MB09XV	00	1	MEM	CV		24B		
13127		XA430	37		XA518	68			16B	9		MB09XW	01				RR1	D2				
13128		XA518	68		XA429	47			16B	9		MB09XW	02	MD157A	01	2	TQ2	E1		32A		
13129		XA429	47		XA320	19			16B	9		MB09XW	03	MB09XW	00	1	MEM	CW		25B		
13130		XA320	19						16B	9		MB09XW	04	DM256D	01	2	TLD	B3		09B		
13131		XA433	33		XA431	49			16B	9		MB10V0	01	MB10V0	00	1	TQ2	C3		16B		
13132		XA431	49						16B	9		MB10V0	02	MB10XW	01	1	MEM	CW		26B		
13133		XA434	33		XA431	43			16B	9		MB10W0	01	MB10W0	00	1	TQ2	C3		16B		
13134		XA431	43						16B	9		MB10W0	02	MB10XV	01	1	MEM	CV		23B		
13137		XA430	40		XA431	45			16B	9		MB10XV	01				RR1	D4				
13138		XA431	45						16B	9		MB10XV	02	MB10XV	00	1	MEM	CV		24B		
13139		XA430	39		XA518	59			16B	9		MB10XW	01				RR1	D3				
13140		XA518	59		XA431	47			16B	9		MB10XW	02	MD160A	01	1	TQ2	E4		31B		
13141		XA431	47		XA320	20			16B	9		MB10XW	03	MB10XW	00	1	MEM	CW		25B		
13142		XA320	20						16B	9		MB10XW	04	DM266D	01	1	TLD	B2		11A		
13145		XA433	39		XA432	49			16B	9		MB11V0	01	MB11V0	00	1	TQ2	C4		19B		
13146		XA432	49						16B	9		MB11V0	02	MB11XW	01	1	MEM	CW		26B		
13147		XA434	39		XA432	43			16B	9		MB11W0	01	MB11W0	00	1	TQ2	C4		19B		
13148		XA432	43						16B	9		MB11W0	02	MB11XV	01	1	MEM	CV		23B		
13153		XA430	42		XA432	45			16B	9		MB11XV	01				RR1	D5				
13154		XA432	45						16B	9		MB11XV	02	MB11XV	00	1	MEM	CV		24B		
13155		XA430	41		XA518	76			16B	9		MB11XW	01				RR1	E1				
13156		XA518	76		XA432	47			16B	9		MB11XW	02	MD164A	01	1	TQ2	F4		37A		
13157		XA432	47		XA320	24			16B	9		MB11XW	03	MB11XW	00	1	MEM	CW		25B		
13158		XA320	24						16B	9		MB11XW	04	DM276D	01	2	TLD	B1		13A		
13161		XA433	52		XA428	78			16B	9		MB12V0	01	MB12V0	00	1	TQ2	D1		24A		
13162		XA428	78						16B	9		MB12V0	02	MB12XW	01	1	MEM	DW		36A		
13163		XA434	52		XA428	74			16B	9		MB12W0	01	MB12W0	00	1	TQ2	D1		24A		
13164		XA428	74						16B	9		MB12W0	02	MB12XV	01	1	MEM	DV		35B		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
13167		XA428	69										MB12XV	01	MB12XV	00	1	MEM	DV		35A		
13168		XA430	46			XA430	46						MB12XV	02				RR1	D6				
13169		XA430	45			XA517	11						MB12XW	01				RR1	E2				
13170		XA517	11			XA428	76						MB12XW	02	MD168A	01	1	TQ2	A4		05B		
13171		XA428	76			XA320	13						MB12XW	03	MB12XW	00	1	MEM	DW		37A		
13172		XA320	13										MB12XW	04	DM286D	01	2	TLO	A4		06B		
13173		XA433	46			XA429	78						MB13V0	01	MB13V0	00	1	TQ2	D2		21A		
13174		XA429	78										MB13V0	02	MB13XW	01	1	MEM	DW		38A		
13175		XA434	46			XA429	74						MB13W0	01	MB13W0	00	1	TQ2	D2		21A		
13176		XA429	74										MB13W0	02	MB13XV	01	1	MEM	DV		35B		
13179		XA429	69			XA430	48						MB13XV	01	MB13XV	00	1	MEM	DV		35A		
13180		XA430	48										MB13XV	02				RR1	E4				
13181		XA430	47			XA517	25						MB13XW	01				RR1	E3				
13182		XA517	25			XA429	76						MB13XW	02	MD172A	01	2	TQ2	B4		12B		
13183		XA429	76			XA320	07						MB13XW	03	MB13XW	00	1	MEM	DW		37A		
13184		XA320	07										MB13XW	04	DM296D	01	2	TLO	A3		03A		

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE												COLOR
13208		XA320	10							168	9		MB15XW	04	DM316D	01	1	TLD	A1		07A	
13209		XA427	62		XA427	49				168	9		MC000A	01	MY1050	01	2	TQ2	E2		29A	
13210		XA427	49		XA427	48				168	9		MC000A	02	MY1040	01	2	TQ2	D4		26B	
13211		XA427	48		XA427	20				168	9		MC000A	03	MY1030	01	2	TQ2	D2		22A	
13212		XA427	20		XA427	04				168	9		MC000A	04	MY1020	01	1	TQ2	B2		11A	
13213		XA427	04		XA427	11				168	9		MC000A	05	MY1000	01	1	TQ2	A2		04A	
13214		XA427	11		XA425	04				168	9		MC000A	06	MY1010	01	1	TQ2	A4		05B	
13215		XA425	04							168	9		MC000A	07	MC000A	00	1	TT3	A1		04A	
13216		XA427	64		XA427	47				168	9		MC001A	01	MY1050	01	1	TQ2	E2		30A	
13217		XA427	47		XA427	50				168	9		MC001A	02	MY1040	01	1	TQ2	D4		25B	
13218		XA427	50		XA425	39				168	9		MC001A	03	MY1030	01	1	TQ2	D2		23A	
13219		XA425	39		XA427	18				168	9		MC001A	04	MC001A	00	1	TT3	C3		19B	
13220		XA427	18		XA427	13				168	9		MC001A	05	MY1020	01	2	TQ2	B2		10A	
13221		XA427	13		XA427	05				168	9		MC001A	06	MY1010	01	2	TQ2	A4		06B	
13222		XA427	05							168	9		MC001A	07	MY1000	01	2	TQ2	A2		03B	
13223		XA427	76		XA427	71				168	9		MC002A	01	MY2050	01	1	TQ2	F4		37A	
13224		XA427	71		XA427	59				168	9		MC002A	02	MY2040	01	2	TQ2	F2		36A	
13225		XA427	59		XA427	37				168	9		MC002A	03	MY2030	01	1	TQ2	E4		31B	
13226		XA427	37		XA427	34				168	9		MC002A	04	MY2020	01	2	TQ2	C4		18B	
13227		XA427	34		XA427	25				168	9		MC002A	05	MY2010	01	2	TQ2	C2		16A	
13228		XA427	25		XA425	07				168	9		MC002A	06	MY2000	01	2	TQ2	B4		12B	
13229		XA425	07							168	9		MC002A	07	MC002A	00	1	TT3	A2		03A	
13230		XA427	78		XA427	73				168	9		MC003A	01	MY2050	01	2	TQ2	F4		38A	
13231		XA427	73		XA427	61				168	9		MC003A	02	MY2040	01	1	TQ2	F2		36B	
13232		XA427	61		XA425	50				168	9		MC003A	03	MY2030	01	2	TQ2	E4		32B	
13233		XA425	50		XA427	35				168	9		MC003A	04	MC003A	00	1	TT3	D1		23A	
13234		XA427	35		XA427	36				168	9		MC003A	05	MY2020	01	1	TQ2	C4		17B	
13235		XA427	36		XA427	23				168	9		MC003A	06	MY2010	01	1	TQ2	C2		17A	
13236		XA427	23							168	9		MC003A	07	MY2000	01	1	TQ2	B4		11B	
13237		XA426	64		XA426	49				168	9		MC004A	01	MY3050	01	1	TQ2	E2		30A	
13238		XA426	49		XA426	48				168	9		MC004A	02	MY3040	01	2	TQ2	D4		26B	
13239		XA426	48		XA426	20				168	9		MC004A	03	MY3030	01	2	TQ2	D2		22A	
13240		XA426	20		XA425	15				168	9		MC004A	04	MY3020	01	1	TQ2	B2		11A	
13241		XA425	15		XA426	11				168	9		MC004A	05	MC004A	00	1	TT3	A3		07B	
13242		XA426	11		XA426	04				168	9		MC004A	06	MY3010	01	1	TQ2	A4		05B	
13243		XA426	04							168	9		MC004A	07	MY3000	01	1	TQ2	A2		04A	
13244		XA426	62		XA426	50				168	9		MC005A	01	MY3050	01	2	TQ2	E2		29A	
13245		XA426	50		XA426	47				168	9		MC005A	02	MY3030	01	1	TQ2	D2		23A	
13246		XA426	47		XA425	43				168	9		MC005A	03	MY3040	01	1	TQ2	D4		25B	
13247		XA425	43		XA426	18				168	9		MC005A	04	MC005A	00	1	TT3	D2		23B	
13248		XA426	18		XA426	13				168	9		MC005A	05	MY3020	01	2	TQ2	B2		10A	
13249		XA426	13		XA426	05				168	9		MC005A	06	MY3010	01	2	TQ2	A4		06B	
13250		XA426	05							168	9		MC005A	07	MY3000	01	2	TQ2	A2		03B	
													**** SIGNAL MC006A								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											
13251		XA426	76		XA426	71				168	9		MC006A	01	MY4050	01	1	TQ2	F4		37A		
13252		XA426	71		XA426	59				168	9		MC006A	02	MY4040	01	2	TQ2	F2		36A		
13253		XA426	59		XA426	37				168	9		MC006A	03	MY4030	01	1	TQ2	E4		31B		
13254		XA426	37		XA426	34				168	9		MC006A	04	MY4020	01	2	TQ2	C4		18B		
13255		XA426	34		XA426	25				168	9		MC006A	05	MY4010	01	2	TQ2	C2		18A		
13256		XA426	25		XA425	20				168	9		MC006A	06	MY4000	01	2	TQ2	B4		12B		
13257		XA425	20							168	9		MC006A	07	MC006A	00	1	TT3	B1		11A		
13258		XA426	78		XA426	73				168	9		MC007A	01	MY4050	01	2	TQ2	F4		38A		
13259		XA426	73		XA426	61				168	9		MC007A	02	MY4040	01	1	TQ2	F2		36B		
13260		XA426	61		XA425	51				168	9		MC007A	03	MY4030	01	2	TQ2	E4		32B		
13261		XA425	51		XA426	35				168	9		MC007A	04	MC007A	00	1	TT3	O3		27B		
13262		XA426	35		XA426	36				168	9		MC007A	05	MY4020	01	1	TQ2	C4		17B		
13263		XA426	36		XA426	23				168	9		MC007A	06	MY4010	01	1	TQ2	C2		17A		
13264		XA426	23							168	9		MC007A	07	MY4000	01	1	TQ2	B4		11B		
13265		XA427	68		XA427	56				168	9		MC008A	01	MX1050	01	2	TQ2	E1		32A		
13266		XA427	56		XA427	41				168	9		MC008A	02	MX1030	01	1	TQ2	D1		26A		
13267		XA427	41		XA427	26				168	9		MC008A	03	MX1040	01	1	TQ2	O3		22B		
13268		XA427	26		XA427	10				168	9		MC008A	04	MX1020	01	1	TQ2	B1		14A		
13269		XA427	10		XA427	07				168	9		MC008A	05	MX1000	01	1	TQ2	A1		07A		
13270		XA427	07		XA425	19				168	9		MC008A	06	MX1010	01	2	TQ2	A3		03A		
13271		XA425	19							168	9		MC008A	07	MC008A	00	1	TT3	B2		09B		
13272		XA427	03		XA427	08				168	9		MC009A	01	MX1010	01	1	TQ2	A3		02A		
13273		XA427	08		XA427	24				168	9		MC009A	02	MX1000	01	2	TQ2	A1		06A		
13274		XA427	24		XA427	43				168	9		MC009A	03	MX1020	01	2	TQ2	B1		13A		
13275		XA427	43		XA427	54				168	9		MC009A	04	MX1040	01	2	TQ2	O3		23B		
13276		XA427	54		XA427	70				168	9		MC009A	05	MX1030	01	2	TQ2	D1		25A		
13277		XA427	70		XA425	64				168	9		MC009A	06	MX1050	01	1	TQ2	E1		33A		
13278		XA425	64							168	9		MC009A	07	MC009A	00	1	TT3	E1		30A		
13279		XA427	77		XA427	65				168	9		MC010A	01	MX2040	01	2	TQ2	F1		38B		
13280		XA427	65		XA427	53				168	9		MC010A	02	MX2050	01	1	TQ2	F3		34B		
13281		XA427	53		XA427	42				168	9		MC010A	03	MX2030	01	1	TQ2	E3		29B		
13282		XA427	42		XA427	31				168	9		MC010A	04	MX2010	01	1	TQ2	C1		20A		
13283		XA427	31		XA425	27				168	9		MC010A	05	MX2020	01	2	TQ2	C3		15B		
13284		XA425	27		XA427	17				168	9		MC010A	06	MC010A	00	1	TT3	B3		13B		
13285		XA427	17							168	9		MC010A	07	MX2000	01	1	TQ2	B3		08B		
13286		XA427	79		XA427	74				168	9		MC011A	01	MX2040	01	1	TQ2	F1		39B		
13287		XA427	74		XA427	55				168	9		MC011A	02	MX2050	01	2	TQ2	F3		35B		
13288		XA427	55		XA425	55				168	9		MC011A	03	MX2030	01	2	TQ2	E3		29B		
13289		XA425	55		XA427	40				168	9		MC011A	04	MC011A	00	1	TT3	E2		29B		
13290		XA427	40		XA427	29				168	9		MC011A	05	MX2010	01	2	TQ2	C1		19A		
13291		XA427	29		XA427	19				168	9		MC011A	06	MX2020	01	1	TQ2	C3		14B		
13292		XA427	19							168	9		MC011A	07	MX2000	01	2	TQ2	B3		09B		
13293		XA426	68		XA426	56				168	9		MC012A	01	MX3050	01	2	TQ2	E1		32A		
13294		XA426	56		XA426	43				168	9		MC012A	02	MX3030	01	1	TQ2	D1		26A		
										****	SIGNAL		MC012A		IS ON THE	NEXT PAGE	****						

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RECORD NUMBER	FROM			TO			WIRE				SPEC. MISC.	SIGNAL	SEQ NO.	EQUATION	TURN	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO.	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT													
13295		XA426	43		XA425	36			168	9		MC012A	03	MX3040	01	2	TQ2	D3		23B			
13296		XA425	36		XA426	24			168	9		MC012A	04	MC012A	00	1	TT3	C1			17A		
13297		XA426	24		XA426	10			168	9		MC012A	05	MX3020	01	2	TQ2	B1			13A		
13298		XA426	10		XA426	07			168	9		MC012A	06	MX3000	01	1	TQ2	A1			07A		
13299		XA426	07						168	9		MC012A	07	MX3010	01	2	TQ2	A3			03A		
13300		XA426	03		XA426	08			168	9		MC013A	01	MX3010	01	1	TQ2	A3			02A		
13301		XA426	08		XA426	26			168	9		MC013A	02	MX3000	01	2	TQ2	A1			06A		
13302		XA426	26		XA426	41			168	9		MC013A	03	MX3020	01	1	TQ2	B1			14A		
13303		XA426	41		XA426	54			168	9		MC013A	04	MX3040	01	1	TQ2	D3			22B		
13304		XA426	54		XA426	70			168	9		MC013A	05	MX3030	01	2	TQ2	01			25A		
13305		XA426	70		XA425	63			168	9		MC013A	06	MX3050	01	1	TQ2	E1			33A		
13306		XA425	63						168	9		MC013A	07	MC013A	00	1	TT3	E3			33B		
13307		XA426	77		XA426	65			168	9		MC014A	01	MX4040	01	2	TQ2	F1			38B		
13308		XA426	65		XA426	53			168	9		MC014A	02	MX4050	01	1	TQ2	F3			34B		
13309		XA426	53		XA426	42			168	9		MC014A	03	MX4030	01	1	TQ2	E3			28B		
13310		XA426	42		XA426	31			168	9		MC014A	04	MX4010	01	1	TQ2	C1			20A		
13311		XA426	31		XA425	31			168	9		MC014A	05	MX4020	01	2	TQ2	C3			15B		
13312		XA425	31		XA426	17			168	9		MC014A	06	MC014A	00	1	TT3	C2			15B		
13313		XA426	17						168	9		MC014A	07	MX4000	01	1	TQ2	B3			08B		
13314		XA426	79		XA425	73			168	9		MC015A	01	MX4040	01	1	TQ2	F1			39B		
13315		XA425	73		XA426	74			168	9		MC015A	02	MC015A	00	1	TT3	F1			36B		
13316		XA426	74		XA426	55			168	9		MC015A	03	MX4050	01	2	TQ2	F3			35B		
13317		XA426	55		XA426	40			168	9		MC015A	04	MX4030	01	2	TQ2	E3			29B		
13318		XA426	40		XA426	29			168	9		MC015A	05	MX4010	01	2	TQ2	C1			19A		
13319		XA426	29		XA426	19			168	9		MC015A	06	MX4020	01	1	TQ2	C3			14B		
13320		XA426	19						168	9		MC015A	07	MX4000	01	2	TQ2	B3			09B		
13321		XA435	04		XA434	08			168	9		MC016A	01	MC016A	00	1	TT3	A1			04A		
13322		XA434	08						168	9		MC016A	02	MB00W0	01	2	TQ2	A1			06A		
13323		XA435	07		XA434	05			168	9		MC017A	01	MC017A	00	1	TT3	A2			03A		
13324		XA434	05						168	9		MC017A	02	MB01W0	01	2	TQ2	A2			03B		
13325		XA435	15		XA434	07			168	9		MC018A	01	MC018A	00	1	TT3	A3			07B		
13326		XA434	07						168	9		MC018A	02	MB02W0	01	2	TQ2	A3			03A		
13327		XA435	20		XA434	13			168	9		MC019A	01	MC019A	00	1	TT3	B1			11A		
13328		XA434	13						168	9		MC019A	02	MB03W0	01	2	TQ2	A4			06B		
13329		XA435	19		XA434	24			168	9		MC020A	01	MC020A	00	1	TT3	B2			09B		
13330		XA434	24						168	9		MC020A	02	MB04W0	01	2	TQ2	B1			13A		
13331		XA435	27		XA434	20			168	9		MC021A	01	MC021A	00	1	TT3	B3			13B		
13332		XA434	20						168	9		MC021A	02	MB05W0	01	1	TQ2	B2			11A		
13333		XA435	36		XA434	19			168	9		MC022A	01	MC022A	00	1	TT3	C1			17A		
13334		XA434	19						168	9		MC022A	02	MB06W0	01	2	TQ2	B3			09B		

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
13335		XA435	31		XA434	25			168	9			MC023A	01	MC023A	00	1	TT3	C2		15B		
13336		XA434	25						168	9			MC023A	02	MB07W0	01	2	TQ2	B4		12B		
13337		XA435	39		XA434	40			168	9			MC024A	01	MC024A	00	1	TT3	C3		19B		
13338		XA434	40						168	9			MC024A	02	MB08W0	01	2	TQ2	C1		19A		
13339		XA435	50		XA434	36			168	9			MC025A	01	MC025A	00	1	TT3	D1		23A		
13340		XA434	36						168	9			MC025A	02	MB09W0	01	1	TQ2	C2		17A		
13341		XA435	43		XA434	31			168	9			MC026A	01	MC026A	00	1	TT3	D2		23B		
13342		XA434	31						168	9			MC026A	02	MB10W0	01	2	TQ2	C3		15B		
13343		XA435	51		XA434	37			168	9			MC027A	01	MC027A	00	1	TT3	D3		27B		
13344		XA434	37						168	9			MC027A	02	MB11W0	01	2	TQ2	C4		18B		
13345		XA435	64		XA434	56			168	9			MC028A	01	MC028A	00	1	TT3	E1		30A		
13346		XA434	56						168	9			MC028A	02	MB12W0	01	1	TQ2	D1		26A		
13347		XA435	55		XA434	50			168	9			MC029A	01	MC029A	00	1	TT3	E2		29B		
13348		XA434	50						168	9			MC029A	02	MB13W0	01	1	TQ2	D2		23A		
13349		XA435	63		XA434	43			168	9			MC030A	01	MC030A	00	1	TT3	E3		33B		
13350		XA434	43						168	9			MC030A	02	MB14W0	01	2	TQ2	D3		23B		
13351		XA435	73		XA434	49			168	9			MC031A	01	MC031A	00	1	TT3	F1		36B		
13352		XA434	49						168	9			MC031A	02	MB15W0	01	2	TQ2	D4		26B		
13353		XA434	75		XA322	56			168	9			MC0320	01	MC0320	00	1	TQ2	F1		37B		
13354		XA322	56		XA322	47			168	9			MC0320	02	DM194D	01	1	TLD	D1		26A		
13355		XA322	47		XA322	48			168	9			MC0320	03	DM164D	01	1	TLD	D4		25B		
13356		XA322	48		XA322	41			168	9			MC0320	04	DM184D	01	2	TLD	D2		22A		
13357		XA322	41		XA322	40			168	9			MC0320	05	DM174D	01	1	TLD	D3		22B		
13358		XA322	40		XA322	35			168	9			MC0320	06	DM234D	01	2	TLD	C1		19A		
13359		XA322	35		XA322	34			168	9			MC0320	07	DM204D	01	1	TLD	C4		17B		
13360		XA322	34		XA322	29			168	9			MC0320	08	DM224D	01	2	TLD	C2		16A		
13361		XA322	29						168	9			MC0320	09	DM214D	01	1	TLD	C3		14B		
13364		XA434	72		XA320	26			168	9			MC0330	01	MC0330	00	1	TQ2	F2		34A		
13365		XA320	26		XA320	23			168	9			MC0330	02	DM276D	01	1	TLD	B1		14A		
13366		XA320	23		XA320	18			168	9			MC0330	03	DM246D	01	1	TLD	B4		11B		
13367		XA320	18		XA320	17			168	9			MC0330	04	DM266D	01	2	TLD	B2		10A		
13368		XA320	17		XA320	08			168	9			MC0330	05	DM256D	01	1	TLD	B3		08B		
13369		XA320	08		XA320	11			168	9			MC0330	06	DM316D	01	2	TLD	A1		06A		
13370		XA320	11		XA320	05			168	9			MC0330	07	DM286D	01	1	TLD	A4		05B		
13371		XA320	05		XA320	03			168	9			MC0330	08	DM306D	01	2	TLD	A2		03B		
13372		XA320	03						168	9			MC0330	09	DM296D	01	1	TLD	A3		02A		
13373		XA434	66		XA435	24			168	9			MC0340	01	MC0340	00	1	TQ2	E1		31A		
									****	SIGNAL			(MC0340)		S ON THE		NEXT PAGE	****					



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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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FILE IDENT T39B2CP1

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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERM.	FACT.	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
13374		XA435	24		XA435	10				168	9		MC0340	02	MC019A	01	2	TT3	B1		13A	
13375		XA435	10		XA435	11				168	9		MC0340	03	MC016A	01	1	TT3	A1		07A	
13376		XA435	11		XA435	01				168	9		MC0340	04	MC018A	01	2	TT3	A3		05B	
13377		XA435	01		XA340	69				168	9		MC0340	05	MC017A	01	2	TT3	A2		02B	
13378		XA340	69		XA340	72				168	9		MC0340	06	DB18NA	01	1	TT3	F3		35A	
13379		XA340	72		XA341	65				168	9		MC0340	07	DB19NA	01	2	TT3	F2		34A	
13380		XA341	65		XA341	76				168	9		MC0340	08	DB17NA	01	3	TT3	F2		34B	
13381		XA341	76							168	9		MC0340	09	DB16NA	01	2	TT3	F3		37A	
13382		XA434	60		XA435	40				168	9		MC0350	01	MC0350	00	1	TQ2	E2		26A	
13383		XA435	40		XA435	29				168	9		MC0350	02	MC022A	01	2	TT3	C1		19A	
13384		XA435	29		XA435	25				168	9		MC0350	03	MC023A	01	3	TT3	C2		14B	
13385		XA435	25		XA435	18				168	9		MC0350	04	MC021A	01	3	TT3	B3		12B	
13386		XA435	18		XA338	71				168	9		MC0350	05	MC020A	01	1	TT3	B2		10A	
13387		XA338	71		XA338	76				168	9		MC0350	06	DB23NA	01	1	TT3	F2		36A	
13388		XA338	76		XA339	76				163	9		MC0350	07	DB22NA	01	2	TT3	F3		37A	
13389		XA339	76		XA339	65				168	9		MC0350	08	DB20NA	01	2	TT3	F3		37A	
13390		XA339	65							168	9		MC0350	09	DB21NA	01	3	TT3	F2		34B	
13391		XA434	57		XA435	52				168	9		MC0360	01	MC0360	00	1	TQ2	E3		30B	
13392		XA435	52		XA435	47				168	9		MC0360	02	MC025A	01	3	TT3	D1		24A	
13393		XA435	47		XA435	46				168	9		MC0360	03	MC027A	01	2	TT3	D3		25B	
13394		XA435	46		XA435	37				168	9		MC0360	04	MC026A	01	2	TT3	D2		21A	
13395		XA435	37		XA338	77				168	9		MC0360	05	MC024A	01	3	TT3	C3		18B	
13396		XA338	77		XA338	68				168	9		MC0360	06	DB24NA	01	2	TT3	F1		38B	
13397		XA338	68		XA338	59				168	9		MC0360	07	DB27NA	01	2	TT3	E1		32A	
13398		XA338	59		XA338	62				168	9		MC0360	08	DB25NA	01	2	TT3	E3		31B	
13399		XA338	62							168	9		MC0360	09	DB26NA	01	1	TT3	E2		29A	
13400		XA435	79		XA434	63				168	9		MC0370	01	MC031A	01	1	TT3	F1		39B	
13401		XA434	63		XA435	66				168	9		MC0370	02	MC0370	00	1	TQ2	E4		33B	
13402		XA435	66		XA435	59				168	9		MC0370	03	MC028A	01	3	TT3	E1		31A	
13403		XA435	59		XA435	53				168	9		MC0370	04	MC030A	01	2	TT3	E3		31B	
13404		XA435	53		XA338	56				168	9		MC0370	05	MC029A	01	3	TT3	E2		28B	
13405		XA338	56		XA338	47				168	9		MC0370	06	DB30NA	01	1	TT3	D1		26A	
13406		XA338	47		XA338	46				168	9		MC0370	07	DB28NA	01	2	TT3	D3		25B	
13407		XA338	46		XA338	35				168	9		MC0370	08	DB29NA	01	2	TT3	D2		21A	
13408		XA338	35							168	9		MC0370	09	DB31NA	01	2	TT3	C3		17B	
13409		XA435	80		XA434	77				168	9		MC038A	01	MC038A	00	1	TT3	F3		39A	
13410		XA434	77		XA434	73				168	9		MC038A	02	MC0320	01	2	TQ2	F1		38B	
13411		XA434	73							168	9		MC038A	03	MC0330	01	1	TQ2	F2		36B	
13412		XA435	74		XA434	68				168	9		MC039A	01	MC039A	00	1	TT3	F2		35B	
13413		XA434	68		XA434	61				168	9		MC039A	02	MC0340	01	2	TQ2	E1		32A	
13414		XA434	61		XA434	62				168	9		MC039A	03	MC0370	01	2	TQ2	E4		32B	
13415		XA434	62		XA434	55				168	9		MC039A	04	MC0350	01	2	TQ2	E2		29A	
13416		XA434	55							168	9		MC039A	05	MC0360	01	2	TQ2	E3		29B	
13417		XA523	74		XA532	50				168	9		MC0400	01	MC0400	00	1	TT3	F2		35B	
										****		SIGNAL	MC0400		IS ON THE					****		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
13418		XA522	50										168	9	MC0400	02	MK16BP	01	1	TDD	HP		23A		
13419		XA531	10		XA529	76							168	9	MC041A	01	MC0420	01	1	TT3	A1		07A		
13420		XA529	76		XA528	77							168	9	MC041A	02	MC041A	00	1	TD4	F1		37A		
13421		XA528	77		XA523	65							168	9	MC041A	03	MC0430	01	2	TQ2	F1		38B		
13422		XA523	65										168	9	MC041A	04	MC0400	01	3	TT3	F2		34B		
17789		XA419	07		XA419	05							168	9	MC0420	AA	MB01C0	01	2	TQ2	A3		03A		
17788		XA419	05		XA531	04							168	9	MC0420	00	MB00C0	01	2	TQ2	A2		03B		
13423		XA531	04		XA534	10							168	9	MC0420	01	MC0420	00	1	TT3	A1		04A		
13424		XA534	10		XA534	26							168	9	MC0420	02	MC057A	01	1	TS8	A1		07A		
13425		XA534	26		XA534	42							168	9	MC0420	03	MC058A	01	1	TS8	B1		14A		
13426		XA534	42		XA534	46							168	9	MC0420	04	MC059A	01	1	TS8	C1		20A		
13427		XA534	46		XA530	42							168	9	MC0420	05	MC060A	01	6	TS8	D1		21A		
13428		XA530	42		XA530	56							168	9	MC0420	06	MC054A	01	1	TS8	C1		20A		
13429		XA530	56		XA530	62							168	9	MC0420	07	MC055A	01	1	TS8	D1		26A		
13430		XA530	62										168	9	MC0420	08	MC056A	01	5	TS8	E1		29A		
13431		XA528	75		XA530	61							168	9	MC0430	01	MC0430	00	1	TQ2	F1		37B		
13432		XA530	61		XA530	49							168	9	MC0430	02	MC056A	01	8	TS8	E1		32B		
13433		XA530	49		XA530	36							168	9	MC0430	03	MC055A	01	8	TS8	D1		26B		
13434		XA530	36		XA534	50							168	9	MC0430	04	MC054A	01	4	TS8	C1		17A		
13435		XA534	50		XA534	31							168	9	MC0430	05	MC060A	01	4	TS8	D1		23A		
13436		XA534	31		XA534	19							168	9	MC0430	06	MC059A	01	7	TS8	C1		15B		
13437		XA534	19		XA534	08							168	9	MC0430	07	MC058A	01	7	TS8	B1		09B		
13438		XA534	08										168	9	MC0430	08	MC057A	01	2	TS8	A1		06A		
13439		XA523	78		XA528	72							168	9	MC044A	01	MD015A	01	3	TT3	F3		38A		
13440		XA528	72		XA530	30							168	9	MC044A	02	MC044A	00	1	TQ2	F2		34A		
13441		XA530	30		XA530	50							168	9	MC044A	03	MC054A	01	6	TS8	C1		15A		
13442		XA530	50		XA530	70							168	9	MC044A	04	MC055A	01	4	TS8	D1		23A		
13443		XA530	70		XA534	01							168	9	MC044A	05	MC056A	01	1	TS8	E1		33A		
13444		XA534	01		XA534	18							168	9	MC044A	06	MC057A	01	6	TS8	A1		02B		
13445		XA534	18		XA534	36							168	9	MC044A	07	MC058A	01	5	TS8	B1		10A		
13446		XA534	36		XA534	49							168	9	MC044A	08	MC059A	01	4	TS8	C1		17A		
13447		XA534	49										168	9	MC044A	09	MC060A	01	8	TS8	D1		26B		
13448		XA531	15		XA529	22							168	9	MC045A	01	MC045A	00	1	TT3	A3		07B		
13449		XA529	22										168	9	MC045A	02	MC0460	01	3	TD4	B1		12A		
13450		XA534	06		XA534	24							168	9	MC046A	01	MC057A	01	3	TS8	A1		05A		
13451		XA534	24		XA534	40							168	9	MC046A	02	MC058A	01	2	TS8	B1		13A		
13452		XA534	40		XA534	43							168	9	MC046A	03	MC059A	01	2	TS8	C1		19A		
13453		XA534	43		XA530	40							168	9	MC046A	04	MC060A	01	7	TS8	D1		23B		
13454		XA530	40		XA530	54							168	9	MC046A	05	MC054A	01	2	TS8	C1		19A		
13455		XA530	54		XA530	55							168	9	MC046A	06	MC055A	01	2	TS8	D1		25A		
13456		XA530	55		XA528	69							168	9	MC046A	07	MC056A	01	7	TS8	E1		29B		
13457		XA528	69										168	9	MC046A	08	MC046A	00	1	TQ2	F3		35A		
13458		XA529	23		XA528	65							168	9	MC0460	01	MC0460	00	1	TD4	B1		11B		
													****	SIGNAL	MC0460		IS ON THE			NEXT PAGE			****		



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
21904		XA502	63		XA532	20		ZF	1E8	9			MC0610	01				EXT					
13495		XA532	20		XA526	76			16B	9			MC0610	02	MK08BP	01	1	TDD	DP		11A		
13496		XA526	76						16B	9			MC0610	03	MC0610	00	1	TS8	F1		37A		
13497		XA537	47		XA408	64			16B	9			MC062A	01	MC062A	00	1	TS8	D1		29B		
00730		XA408	64						16B	9			MC062A	02	MYSN10	01	1	TQ2	E2		30A		
13501		XA535	30		XA533	22			16B	9			MC0640	01	MC0640	00	1	TQ2	C2		15A		
13502		XA533	22		XA532	22			16B	9			MC0640	02	MK04BP	01	1	TDD	CP		12A		
13503		XA532	22		XA532	04			16B	9			MC0640	03	MK05BP	01	1	TDD	CP		12A		
13504		XA532	04		XA532	06			16B	9			MC0640	04	MK03BP	01	1	TDD	BP		04A		
13505		XA532	06		XA533	06			16B	9			MC0640	05	MK01BP	01	1	TDD	AP		05A		
13506		XA533	06		XA533	04			16B	9			MC0640	06	MK00BP	01	1	TDD	AP		05A		
13507		XA533	04						16B	9			MC0640	07	MK02BP	01	1	TDD	BP		04A		
13508		XA537	31		XA531	19			16B	9			MC065A	01	MC0710	01	7	TS8	C1		15B		
13509		XA531	19						16B	9			MC065A	02	MC065A	00	1	TT3	B2		09B		
13510		XA537	42		XA534	59			16B	9			MC066A	01	MC0710	01	1	TS8	C1		20A		
13511		XA534	59						16B	9			MC066A	02	MC066A	00	1	TS8	E1		31B		
13512		XA537	30		XA536	14			16B	9			MC067A	01	MC0710	01	6	TS8	C1		15A		
13513		XA536	14						16B	9			MC067A	02	MC067A	00	1	TQ2	B2		09A		
13514		XA537	34		XA531	27			16B	9			MC068A	01	MC0710	01	5	TS8	C1		16A		
13515		XA531	27						16B	9			MC068A	02	MC068A	00	1	TT3	B3		13B		
13516		XA537	37		XA529	35			16B	9			MC069A	01	MC0710	01	8	TS8	C1		18B		
13517		XA529	35						16B	9			MC069A	02	MC069A	00	1	TQ4	C1		17B		
13518		XA535	45		XA408	62			16B	9			MC070A	01	MC070A	00	1	TQ2	D3		24B		
09428		XA408	62						16B	9			MC070A	02	MYSN10	01	2	TQ2	E2		29A		
13522		XA537	35		XA535	41			16B	9			MC0710	01	MC0710	00	1	TS8	C1		17B		
13523		XA535	41						16B	9			MC0710	02	MC070A	01	1	TQ2	D3		22B		
13524		XA536	09		XA531	47			16B	9			MC0730	01	MC0730	00	1	TQ2	A3		04B		
13525		XA531	47						16B	9			MC0730	02	MC074A	01	2	TT3	D3		29B		
13526		XA534	13		XA534	25			16B	9			MC074A	01	MC057A	01	8	TS8	A1		03B		
13527		XA534	25		XA534	37			16B	9			MC074A	02	MC058A	01	8	TS8	B1		12B		
13528		XA534	37		XA534	48			16B	9			MC074A	03	MC059A	01	8	TS8	C1		18B		
13529		XA534	48		XA530	38			16B	9			MC074A	04	MC060A	01	5	TS8	D1		22A		
13530		XA530	38		XA530	46			16B	9			MC074A	05	MC054A	01	3	TS8	C1		18A		
13531		XA530	46		XA531	51			16B	9			MC074A	06	MC055A	01	6	TS8	D1		21A		
13532		XA531	51		XA530	66			16B	9			MC074A	07	MC074A	00	1	TT3	D3		27B		
13533		XA530	66						16B	9			MC074A	08	MC056A	01	3	TS8	E1		31A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
13534		XA535	48			XA531	36			168	9		MC075A	01	MC0750	01	2	TQ2	D2		22A		
13535		XA531	36							168	9		MC075A	02	MC075A	00	1	TT3	C1		17A		
13536		XA534	64			XA535	46			168	9		MC0750	01	MC066A	01	4	TS8	E1		30A		
13537		XA535	46			XA536	20			168	9		MC0750	02	MC0750	00	1	TQ2	D2		21A		
13538		XA536	20			XA531	21			168	9		MC0750	03	MC067A	01	1	TQ2	B2		11A		
13539		XA531	21			XA529	37			168	9		MC0750	04	MC068A	01	1	TT3	B3		10B		
13540		XA529	37							168	9		MC0750	05	MC069A	01	4	TD4	C1		18B		
13541		XA519	36			XA433	80			168	9		MC0830	01	MD125A	01	1	TQ2	C2		17A		
13542		XA433	80							168	9		MC0830	02	MC0830	00	1	TQ2	F4		39A		
13543		XA537	23			XA433	76			168	9		MC084A	01	MC084A	00	1	YS8	B1		11B		
13544		XA433	76							168	9		MC084A	02	MC0830	01	1	TQ2	F4		37A		
13545		XA536	17			XA531	64			168	9		MC085A	01	MC0860	01	1	TQ2	B3		08B		
13546		XA531	64							168	9		MC085A	02	MC085A	00	1	TT3	E1		30A		
13547		XA536	21			XA529	46			168	9		MC0860	01	MC0860	00	1	TQ2	B3		10B		
13548		XA529	46							168	9		MC0860	02	MD282A	01	3	TD4	D2		21A		
13551		XA519	07			XA531	74			168	9		MC0870	01	MD118A	01	2	TQ2	A3		03A		
13552		XA531	74			XA507	31			168	9		MC0870	02	MC0870	00	1	TT3	F2		35B		
09960		XA507	31							168	9		MC0870	03	MADDCOX	01	1	DCF	B2		12B		
13554		XA536	22			XA532	38			168	9		MC088A	01	MC088A	00	1	TQ2	B1		12A		
13555		XA532	38							168	9		MC088A	02	MK108P	01	1	TDD	EP		18A		
13556		XA536	38			XA531	70			168	9		MC0930	01	MC0930	00	1	TQ2	C1		18A		
13557		XA531	70							168	9		MC0930	02	MC085A	01	1	TT3	E1		33A		
13558		XA536	27			XA529	68			168	9		MC094A	01	MC094A	00	1	TQ2	B4		13B		
13559		XA529	68			XA521	65			168	9		MC094A	02	MB000A	01	2	TD4	E1		32A		
17854		XA521	65							168	9		MC094A	03		01	1	TQ2	F3		34B		803
13560		XA531	55			XA529	70			168	9		MC095A	01	MC095A	00	1	TT3	E2		29B		
13561		XA529	70			XA521	74			168	9		MC095A	02	MB000A	01	1	TD4	E1		33A		
21217		XA521	74							168	9		MC095A	03		01	2	TQ2	F3		35B		803
13562		XA536	34			XA531	63			168	9		MC100A	01	MC1010	01	2	TQ2	C2		16A		
13563		XA531	63							168	9		MC100A	02	MC100A	00	1	TT3	E3		33B		
13564		XA536	30			XA531	76			168	9		MC1010	01	MC1010	00	1	TQ2	C2		15A		
13565		XA531	76							168	9		MC1010	02	MK09NA	01	2	TT3	F3		37A		
13566		XA531	08			XA528	06			168	9		MC102A	01	MC0420	01	2	TT3	A1		06A		
13567		XA528	06			XA521	77			168	9		MC102A	02	MC102A	00	1	TQ2	A1		05A		
13568		XA521	77							168	9		MC102A	03	MC1020	01	2	TQ2	F1		38B		
13569		XA531	03			XA530	04			168	9		MC1020	01	MMASPA	01	3	TT3	A2		02A		
										****		SIGNAL	MC1020		IS ON THE						NEXT PAGE	****	

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MC1020

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMIN	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											
13570		XA530	04		XA529	06				16B	9		MC1020	02	MMAQRA	01	4	TS8	A1		04A		
13571		XA529	06		XA529	04				16B	9		MC1020	03	MMAGRA	01	3	TD4	A1		05A		
13572		XA529	04		XA530	20				16B	9		MC1020	04	MMAPCA	01	1	TD4	A2		04A		
13573		XA530	20		XA526	56				16B	9		MC1020	05	MMAELA	01	4	TS8	B1		11A		
13574		XA526	56		XA526	64				16B	9		MC1020	06	MMAPAA	01	1	TS8	D1		28A		
13575		XA526	64		XA530	72				16B	9		MC1020	07	MMALLA	01	4	TS8	E1		30A		
13576		XA530	72		XA521	75				16B	9		MC1020	08	MMAQTA	01	6	TS8	F1		34A		
13577		XA521	75							16B	9		MC1020	09	MC1020	00	1	TQ2	F1		37B		
13578		XA528	04		XA526	35				16B	9		MC103A	01	MC1030	01	1	TQ2	A2		04A		
13579		XA526	35							16B	9		MC103A	02	MC103A	00	1	TS8	C1		17B		
13580		XA530	74		XA526	66				16B	9		MC1030	01	MMAQTA	01	7	TS8	F1		35B		
13581		XA526	66		XA526	54				16B	9		MC1030	02	MMALLA	01	3	TS8	E1		31A		
13582		XA526	54		XA530	22				16B	9		MC1030	03	MMAPAA	01	2	TS8	D1		25A		
13583		XA530	22		XA531	05				16B	9		MC1030	04	MMAELA	01	3	TS8	B1		12A		
13584		XA531	05		XA530	05				16B	9		MC1030	05	MMASPA	01	1	TT3	A2		03B		
13585		XA530	05		XA529	08				16B	9		MC1030	06	MMAQRA	01	5	TS8	A1		03B		
13586		XA529	08		XA529	07				16B	9		MC1030	07	MMAGRA	01	2	TD4	A1		06A		
13587		XA529	07		XA528	01				16B	9		MC1030	08	MMAPCA	01	4	TD4	A2		03A		
13588		XA528	01							16B	9		MC1030	09	MC1030	00	1	TQ2	A2		02B		
13589		XA529	13		XA528	15				16B	9		MC1040	01	MMAGRA	01	4	TD4	A1		06B		
13590		XA528	15							16B	9		MC1040	02	MC1040	00	1	TQ2	A4		07B		
13591		XA530	71		XA526	68				16B	9		MC1050	01	MMAQTA	01	5	TS8	F1		36A		
13592		XA526	68		XA526	52				16B	9		MC1050	02	MMALLA	01	2	TS8	E1		32A		
13593		XA526	52		XA528	22				16B	9		MC1050	03	MMAPAA	01	3	TS8	D1		24A		
13594		XA528	22		XA530	19				16B	9		MC1050	04	MC1050	00	1	TQ2	B1		12A		
13595		XA530	19		XA530	13				16B	9		MC1050	05	MMAELA	01	7	TS8	B1		09B		
13596		XA530	13		XA529	01				16B	9		MC1050	06	MMAQRA	01	8	TS8	A1		06B		
13597		XA529	01							16B	9		MC1050	07	MMAPCA	01	3	TD4	A2		02B		
13598		XA529	05		XA528	14				16B	9		MC1060	01	MMAPCA	01	2	TD4	A2		03B		
13599		XA528	14							16B	9		MC1060	02	MC1060	00	1	TQ2	B2		09A		
13600		XA530	78		XA526	70				16B	9		MC1070	01	MMAQTA	01	8	TS8	F1		38A		
13601		XA526	70		XA526	50				16B	9		MC1070	02	MMALLA	01	1	TS8	E1		33A		
13602		XA526	50		XA528	21				16B	9		MC1070	03	MMAPAA	01	4	TS8	D1		23A		
13603		XA528	21		XA530	14				16B	9		MC1070	04	MC1070	00	1	TQ2	B3		10B		
13604		XA530	14		XA530	10				16B	9		MC1070	05	MMAELA	01	6	TS8	B1		09A		
13605		XA530	10							16B	9		MC1070	06	MMAQRA	01	1	TS8	A1		07A		
13606		XA530	73		XA526	60				16B	9		MC1080	01	MMAQTA	01	4	TS8	F1		36B		
13607		XA526	60		XA528	27				16B	9		MC1080	02	MMALLA	01	6	TS8	E1		28A		
13608		XA528	27		XA530	18				16B	9		MC1080	03	MC1080	00	1	TQ2	B4		13B		
13609		XA530	18		XA530	08				16B	9		MC1080	04	MMAELA	01	5	TS8	B1		10A		
13610		XA530	08							16B	9		MC1080	05	MMAQRA	01	2	TS8	A1		06A		
13611		XA528	38		XA526	46				16B	9		MC1090	01	MC1090	00	1	TQ2	C1		18A		
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RECORD NUMBER	FROM			TO			WIRE				SIGNAL	SEQ NO	EQUATION	TERMIN	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER P-ANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
13612		XA526	46									MC1090	02	MMAQAA	01	6	TS8	D1		21A	
13613		XA530	75		XA526	62						MC1100	01	MMAQTA	01	3	TS8	F1		37B	
13614		XA526	62		XA528	30						MC1100	02	MMALLA	01	5	TS8	E1		29A	
13615		XA528	30									MC1100	03	MC1100	00	1	TQ2	C2		19A	
13616		XA530	06		XA530	25						MC1110	01	MMAQRA	01	3	TS8	A1		05A	
13617		XA530	25		XA528	33						MC1110	02	MMAELA	01	8	TS8	B1		12B	
13618		XA528	33									MC1110	03	MC1110	00	1	TQ2	C3		16B	
13619		XA530	07		XA528	39						MC1120	01	MMAQRA	01	7	TS8	A1		03A	
13620		XA528	39									MC1120	02	MC1120	00	1	TQ2	C4		19B	C06
13622		XA530	77		XA528	52						MC1130	01	MMAQTA	01	2	TS8	F1		38B	
13623		XA528	52		XA530	26						MC1130	02	MC1130	00	1	TQ2	D1		24A	
13624		XA530	26									MC1130	03	MMAELA	01	1	TS8	B1		14A	
21648		XA502	69		XA535	57	ZM		1E	B	9	MC119A	01				EXT				
13634		XA535	57									MC119A	02	MC119A	00	1	TQ2	E3		30B	
23231		XA502	70		XA535	58	ZM		1E	B	0	MC119G	01				EXT				
23232		XA535	58				ZM		1E	B	0	MC119G	02				TQ2			27A	
17716		XA213	23		XA224	69						MC121A	01	MC122A	01	1	TQ2	B4		11B	C06
20642		XA224	69		XA525	20						MC121A	02	MC121A	00	1	TQ2	F3		35A	C06
15079		XA525	20		XA536	40						MC121A	03	MC0500	01	1	TD4	B2		11A	C06
15082		XA536	40									MC121A	04	MC0930	01	2	TQ2	C1		19A	C06
20715		XA213	27		XA501	23						MC122A	01	MC122A	00	1	TQ2	B4		13B	C06
21979		XA501	23									MC122A	02				EXT				C06
13637		XA520	04		XA421	11						MDO08P	01	MP002A	01	1	TQ2	A2		04A	
13638		XA421	11									MDO08P	02	MDO08P	00	1	TDD	AP		05B	
13639		XA520	10		XA519	08						MDO08Q	01	MP001A	01	1	TQ2	A1		07A	
13640		XA519	08		XA317	78						MDO08Q	02	MD116A	01	2	TQ2	A1		06A	
13641		XA317	78		XA421	13						MDO08Q	03	DM000D	01	2	TLD	F4		38A	
13642		XA421	13		XA326	47						MDO08Q	04	MDO08Q	00	1	TDD	AQ		06B	
13643		XA326	47		XA326	25						MDO08Q	05	DM160D	01	1	TLD	D4		25B	
13644		XA326	25									MDO08Q	06	DM240D	01	2	TLD	B4		12B	
21908		XA402	39		XA418	11						MDO010	01				EXT				
13648		XA418	11		XA421	08						MDO010	02	MDO010	00	1	TD4	A1		05B	
13649		XA421	08									MDO010	03	MDO010	01	1	TDD	AI		06A	
13650		XA424	10		XA423	10						MDO0NA	01	MDO3BN	01	1	TDD	AN		07A	
13651		XA423	10		XA422	10						MDO0NA	02	MDO2BN	01	1	TDD	AN		07A	
13652		XA422	10		XA421	10						MDO0NA	03	MDO1BN	01	1	TDD	AN		07A	
13653		XA421	10		XA420	11						MDO0NA	04	MDO0BN	01	1	TDD	AN		07A	
13654		XA420	11									MDO0NA	05	MDO0NA	00	1	TD4	A1		05B	MD0003 CLOCK

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT	
13655		XA537	61		XA416	71							MD000A	01	MD2860	01	8	TS8	E1		32B			
13656		XA416	71		XA419	70							MD000A	02	MD0440	01	1	TT3	F2		36A			
13657		XA419	70		XA418	75							MD000A	03	MD0430	01	1	TQ2	E1		33A			
13658		XA418	75		XA418	73							MD000A	04	MD0190	01	3	TD4	F1		37B			
13659		XA418	73		XA418	70							MD000A	05	MD0200	01	1	TD4	F2		36B			
13660		XA418	70		XA418	62							MD000A	06	MD0170	01	1	TD4	E1		33A			
13661		XA418	62		XA419	54							MD000A	07	MD0180	01	2	TD4	E2		29A			
13662		XA419	54		XA419	43							MD000A	08	MD0390	01	2	TQ2	D1		25A			
13663		XA419	43		XA412	11							MD000A	09	MD0410	01	2	TQ2	D3		23B			
13664		XA412	11										MD000A	10	MD000A	00	1	TD4	A1		05B		(DB-MD)*	
13667		XA537	70		XA419	68							MD001A	01	MD2860	01	1	TS8	E1		33A			
13668		XA419	68		XA418	71							MD001A	02	MD0430	01	2	TQ2	E1		32A			
13669		XA418	71		XA418	78							MD001A	03	MD0200	01	2	TD4	F2		36A			
13670		XA418	78		XA416	72							MD001A	04	MD0190	01	4	TD4	F1		38A			
13671		XA416	72		XA412	09							MD001A	05	MD0440	01	2	TT3	F2		34A			
13672		XA412	09										MD001A	06	MD031A	00	1	TD4	A2		04B		(DBL-MDL)*	
13678		XA419	48		XA419	37							MD002A	01	MD0400	01	2	TQ2	D2		22A			
13679		XA419	37		XA412	23							MD002A	02	MD0380	01	2	TQ2	C4		18B			
13680		XA412	23										MD002A	03	MD002A	00	1	TD4	B1		11B		(DBL-MDU)*	
13683		XA537	66		XA418	72							MD003A	01	MD2860	01	3	TS8	E1		31A			
13684		XA418	72		XA416	65							MD003A	02	MD0200	01	3	TD4	F2		34A			
13685		XA416	65		XA412	21							MD003A	03	MD0440	01	3	TT3	F2		34B			
13686		XA412	21										MD003A	04	MD003A	00	1	TD4	B2		10B		(DBLL-MDLL)*	
13689		XA537	64		XA418	79							MD004A	01	MD2860	01	4	TS8	E1		30A			
13690		XA418	79		XA419	49							MD004A	02	MD0190	01	1	TD4	F1		39B			
13691		XA419	49		XA412	35							MD004A	03	MD0420	01	2	TQ2	D4		26B			
13692		XA412	35										MD004A	04	MD004A	00	1	TD4	C1		17B		(DBLL-MDLU)*	
13695		XA537	62		XA419	50							MD005A	01	MD2860	01	5	TS8	E1		29A			
13696		XA419	50		XA418	60							MD005A	02	MD0400	01	1	TQ2	D2		23A			
13697		XA418	60		XA412	33							MD005A	03	MD0180	01	3	TD4	E2		28A			
13698		XA412	33										MD005A	04	MD005A	00	1	TD4	C2		16B		(DBLL-MDUL)*	
13701		XA537	60		XA418	68							MD006A	01	MD2860	01	6	TS8	E1		28A			
13702		XA418	68		XA412	47							MD006A	02	MD0170	01	2	TD4	E1		32A			
13703		XA412	47		XA414	10							MD006A	03	MD006A	00	1	TD4	D1		25B		(DBLL-MDUU)*	
13704		XA414	10										MD006A	04	MD0370	01	1	TQ2	A1		07A			
13707		XA419	17		XA419	18							MD007A	01	MD0230	01	1	TQ2	B3		08B			
13708		XA419	18		XA419	25							MD007A	02	MD0220	01	2	TQ2	B2		10A			
13709		XA419	25		XA413	45							MD007A	03	MD0250	01	2	TQ2	B4		12B			
13710		XA413	45		XA416	78							MD007A	04	MD007A	00	1	TD4	D2		24B		(MDU-DBU-DBL)*	
13711		XA416	78										MD007A	05	MD0240	01	3	TT3	F3		38A			
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	PREFIX	CONNECTOR	PIN	REF	PREFIX	CONNECTOR	PIN	REF	MULTI GROUP	CODE	COLOR	IDENT											
13712		XA419	34		XA419	23			168	9			MD008A	01	MD0270	01	2	TQ2	C2		16A		
13713		XA419	23		XA419	19			168	9			MD008A	02	MD0250	01	1	TQ2	B4		11B		
13714		XA419	19		XA413	11			168	9			MD008A	03	MD0230	01	2	TQ2	B3		09B		
13715		XA413	11		XA412	43			168	9			MD008A	04	MD008A	00	1	TD4	A1		05B	(MD-DB)*	
13716		XA412	43						168	9			MD008A	05	MD0280	01	4	TD4	D2		23B		
13717		XA419	36		XA412	46			168	9			MD009A	01	MD0270	01	1	TQ2	C2		17A		
13718		XA412	46		XA413	09			168	9			MD009A	02	MD0280	01	3	TD4	D2		21A		
13719		XA413	09						168	9			MD009A	03	MD009A	00	1	TD4	A2		04B	(MDL-DBL)*	
13720		XA520	05		XA422	11			168	9			MD01BP	01	MP002A	01	2	TQ2	A2		03B		
13721		XA422	11						168	9			MD01BP	02	MD01BP	00	1	TDD	AP		05B		
13722		XA520	08		XA519	11			168	9			MD01BQ	01	MP001A	01	2	TQ2	A1		06A		
13723		XA519	11		XA422	13			168	9			MD01BQ	02	MD119A	01	1	TQ2	A4		05B		
13724		XA422	13		XA317	74			168	9			MD01BQ	03	MD01BQ	00	1	TDD	AQ		06B		
13725		XA317	74		XA326	41			168	9			MD01BQ	04	DM010D	01	2	TLD	F3		35B		
13726		XA326	41		XA326	19			168	9			MD01BQ	05	DM170D	01	1	TLD	D3		22B		
13727		XA326	19						168	9			MD01BQ	06	DM250D	01	2	TLD	B3		09B		
21910		XA402	41		XA418	09			168	9			MD0110	01				EXT					
13731		XA418	09		XA422	08			168	9			MD0110	02	MD0110	00	1	TD4	A2		04B		
13732		XA422	08						168	9			MD0110	03	MD0181	01	1	TDD	A1		06A		
13733		XA419	20		XA413	23			168	9			MD010A	01	MD0220	01	1	TQ2	B2		11A		
13734		XA413	23		XA416	69			168	9			MD010A	02	MD010A	00	1	TD4	B1		11B	(MDU-DBL)*	
13735		XA416	69						168	9			MD010A	03	MD0240	01	1	TT3	F3		35A		
13736		XA413	21		XA412	48			168	9			MD011A	01	MD011A	00	1	TD4	B2		10B	(MDLL-DBLL)*	
13737		XA412	48						168	9			MD011A	02	MD0280	01	2	TD4	D2		22A		
13738		XA419	40		XA413	35			168	9			MD012A	01	MD0260	01	2	TQ2	C1		19A		
13739		XA413	35						168	9			MD012A	02	MD012A	00	1	TD4	C1		17B	(MDLU-DBLL)*	
13740		XA416	76		XA413	33			168	9			MD013A	01	MD0240	01	2	TT3	F3		37A		
13741		XA413	33						168	9			MD013A	02	MD013A	00	1	TD4	C2		16B	(MDUL-DBLL)*	
13742		XA419	26		XA413	47			168	9			MD014A	01	MD0210	01	1	TQ2	B1		14A		
13743		XA413	47						168	9			MD014A	02	MD014A	00	1	TD4	D1		25B	(MDUU-DBLL)*	
13746		XA536	59		XA536	10			168	9			MD015A	01	MD0150	01	1	TQ2	E4		31B		
13745		XA536	10		XA523	80			168	9			MD015A	02	MD2840	01	1	TQ2	A1		07A		
13744		XA523	80		XA418	77			168	9			MD015A	03	MD015A	00	1	TT3	F3		39A		
13751		XA418	77		XA418	74			168	9			MD015A	08	MD0190	01	2	TD4	F1		38B		
13752		XA418	74		XA418	61			168	9			MD015A	09	MD0200	01	4	TD4	F2		35B		
13753		XA418	61		XA418	55			168	9			MD015A	10	MD0170	01	4	TD4	E1		32B		
13754		XA418	55						168	9			MD015A	11	MD0180	01	4	TD4	E2		29B		
13755		XA536	63		XA535	79			168	9			MD0150	01	MD0150	00	1	TQ2	E4		33B		
13756		XA535	79						168	9			MD0150	02	MK11NA	01	1	TQ2	F1		39B		

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MD0150

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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											
13675		XA537	68		XA418	66			168	9			MD016A	01	MD2860	01	2	TS8	E1		32A		
13676		XA418	66		XA418	64			168	9			MD016A	02	MD0170	01	3	TD4	E1		31A		
13677		XA418	64		XA413	57			168	9			MD016A	03	MD0180	01	1	TD4	E2		30A		
21201		XA413	57						168	9			MD016A	04	MD016A	00	1	TD4	E2		30B		
21218		XA521	80		XA514	79			168	9			MD017A	03	MD017A	00	1	TQ2	F4		39A		
13747		XA514	79		XA514	69			168	9			MD017A	04	MD0310	01	1	TT3	F1		39B		
13748		XA514	69		XA514	71			168	9			MD017A	05	MD0350	01	1	TT3	F3		35A		
13749		XA514	71		XA514	59			168	9			MD017A	06	MD0330	01	1	TT3	F2		36A		
13750		XA514	59						168	9			MD017A	07	MD0290	01	2	TT3	E3		31B		
13757		XA420	05		XA420	06			168	9			MD0170	01	MD04NA	01	2	TD4	A2		03B		
13758		XA420	06		XA418	59			168	9			MD0170	02	MD00NA	01	3	TD4	A1		05A		
13759		XA418	59						168	9			MD0170	03	MD0170	00	1	TD4	E1		31B		
13760		XA420	14		XA420	22			168	9			MD0180	01	MD12NA	01	3	TD4	B2		09A		
13761		XA420	22		XA418	57			168	9			MD0180	02	MD08NA	01	3	TD4	B1		12A		
13762		XA418	57						168	9			MD0180	03	MD0180	00	1	TD4	E2		30B		
13763		XA420	30		XA420	38			168	9			MD0190	01	MD20NA	01	3	TD4	C2		15A		
13764		XA420	38		XA418	76			168	9			MD0190	02	MD16NA	01	3	TD4	C1		18A		
13765		XA418	76						168	9			MD0190	03	MD0190	00	1	TD4	F1		37A		
13766		XA520	13		XA423	11			168	9			MD028P	01	MP005A	01	2	TQ2	A4		06B		
13767		XA423	11						168	9			MD028P	02	MD028P	00	1	TQ2	AP		05B		
13768		XA519	25		XA520	07			168	9			MD028Q	01	MD123A	01	2	TQ2	B4		12B		
13769		XA520	07		XA317	73			168	9			MD028Q	02	MP004A	01	2	TQ2	A3		03A		
13770		XA317	73		XA423	13			168	9			MD028Q	03	DM0200	01	1	TLD	F2		36B		
13771		XA423	13		XA326	48			168	9			MD028Q	04	MD028Q	00	1	TQ2	AQ		06B		
13772		XA326	48		XA326	20			168	9			MD028Q	05	DM1800	01	2	TLD	B2		22A		
13773		XA326	20						168	9			MD028Q	06	DM2600	01	1	TLD	B2		11A		
21912		XA402	43		XA418	23			168	9			MD0210	01				EXT					
13777		XA418	23		XA423	08			168	9			MD0210	02	MD0210	00	1	TD4	B1		11B		
13778		XA423	08						168	9			MD0210	03	MD0281	01	1	TQ2	A1		06A		
13779		XA420	46		XA420	49			168	9			MD0200	01	MD28NA	01	3	TD4	D2		21A		
13780		XA420	49		XA418	69			168	9			MD0200	02	MD24NA	01	4	TD4	D1		26B		
13781		XA418	69						168	9			MD0200	03	MD0200	00	1	TD4	F2		35A		
13782		XA419	22		XA326	24			168	9			MD0210	01	MD0210	00	1	TQ2	B1		12A		
13783		XA326	24		XA326	23			168	9			MD0210	02	DM2700	01	2	TLD	B1		13A		
13784		XA326	23		XA326	18			168	9			MD0210	03	DM2400	01	1	TLD	B4		11B		
13785		XA326	18		XA326	17			168	9			MD0210	04	DM2600	01	2	TLD	B2		10A		
13786		XA326	17		XA326	08			168	9			MD0210	05	DM2500	01	1	TLD	B3		08B		
13787		XA326	08		XA326	11			168	9			MD0210	06	DM3100	01	2	TLD	A1		08A		
13788		XA326	11		XA326	05			168	9			MD0210	07	DM2800	01	1	TLD	A4		05B		
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	PREFIX	CONNECTOR	PIN		PREFIX	CONNECTOR	PIN														AND	JP			
13789		XA326	05		XA326	03			168	9			MD0210	08	DM3000	01	2	TLD	A2		03B				
13790		XA326	03						168	9			MD0210	09	DM2900	01	1	TLD	A3			02A			
13791		XA419	14		XA326	56			168	9			MD0220	01	MD0220	00	1	TQ2	B2			09A			
13792		XA326	56		XA326	49			168	9			MD0220	02	DM1900	01	1	TLD	D1			26A			
13793		XA326	49		XA326	50			168	9			MD0220	03	DM1600	01	2	TLD	D4			26B			
13794		XA326	50		XA326	43			168	9			MD0220	04	DM1800	01	1	TLD	D2			23A			
13795		XA326	43		XA326	40			168	9			MD0220	05	DM1700	01	2	TLD	D3			23B			
13796		XA326	40		XA326	37			168	9			MD0220	06	DM2300	01	2	TLD	C1			19A			
13797		XA326	37		XA326	36			168	9			MD0220	07	DM2000	01	2	TLD	C4			18B			
13798		XA326	36		XA326	31			168	9			MD0220	08	DM2200	01	1	TLD	C2			17A			
13799		XA326	31						168	9			MD0220	09	DM2100	01	2	TLD	C3			15B			
13800		XA419	21		XA317	77			168	9			MD0230	01	MD0230	00	1	TQ2	B3			10B			
13801		XA317	77		XA317	76			168	9			MD0230	02	DM0300	01	2	TLD	F1			38B			
13802		XA317	76		XA317	71			168	9			MD0230	03	DM0000	01	1	TLD	F4			37A			
13803		XA317	71		XA317	65			168	9			MD0230	04	DM0200	01	2	TLD	F2			36A			
13804		XA317	65		XA317	68			168	9			MD0230	05	DM0100	01	1	TLD	F3			34B			
13805		XA317	68		XA317	59			168	9			MD0230	06	DM0700	01	2	TLD	E1			32A			
13806		XA317	59		XA317	62			168	9			MD0230	07	DM0400	01	1	TLD	E4			31B			
13807		XA317	62		XA317	53			168	9			MD0230	08	DM0600	01	2	TLD	E2			29A			
13808		XA317	53						168	9			MD0230	09	DM0500	01	1	TLD	E3			28B			
13811		XA416	80		XA325	26			168	9			MD0240	01	MD0240	00	1	TT3	F3			39A			
13812		XA325	26		XA325	23			168	9			MD0240	02	DM2710	01	1	TLD	B1			14A			
13813		XA325	23		XA325	18			168	9			MD0240	03	DM2410	01	1	TLD	B4			11B			
13814		XA325	18		XA325	17			168	9			MD0240	04	DM2610	01	2	TLD	B2			10A			
13815		XA325	17		XA325	08			168	9			MD0240	05	DM2510	01	1	TLD	B3			08B			
13816		XA325	J8		XA325	11			168	9			MD0240	06	DM3110	01	2	TLD	A1			06A			
13817		XA325	11		XA325	05			168	9			MD0240	07	DM2810	01	1	TLD	A4			05B			
13818		XA325	05		XA325	03			168	9			MD0240	08	DM3010	01	2	TLD	A2			03B			
13819		XA325	03						168	9			MD0240	09	DM2910	01	1	TLD	A3			02A			
13820		XA419	27		XA327	79			168	9			MD0250	01	MD0250	00	1	TQ2	B4			13B			
13821		XA327	79		XA327	78			168	9			MD0250	02	DM1100	01	1	TLD	F1			39B			
13822		XA327	78		XA327	73			168	9			MD0250	03	DM0800	01	2	TLD	F4			38A			
13823		XA327	73		XA327	74			168	9			MD0250	04	DM1000	01	1	TLD	F2			36B			
13824		XA327	74		XA327	70			168	9			MD0250	05	DM0900	01	2	TLD	F3			35B			
13825		XA327	70		XA327	61			168	9			MD0250	06	DM1500	01	1	TLD	E1			33A			
13826		XA327	61		XA327	64			168	9			MD0250	07	DM1200	01	2	TLD	E4			32B			
13827		XA327	64		XA327	55			168	9			MD0250	08	DM1400	01	1	TLD	E2			30A			
13828		XA327	55						168	9			MD0250	09	DM1300	01	2	TLD	E3			29B			
13829		XA419	38		XA324	24			168	9			MD0260	01	MD0260	00	1	TQ2	C1			18A			
13830		XA324	24		XA324	23			168	9			MD0260	02	DM2720	01	2	TLD	B1			13A			
13831		XA324	23		XA324	18			168	9			MD0260	03	DM2420	01	1	TLD	B4			11B			
13832		XA324	18		XA324	17			168	9			MD0260	04	DM2620	01	2	TLD	B2			10A			
13833		XA324	17		XA324	08			168	9			MD0260	05	DM2520	01	1	TLD	B3			08B			
13834		XA324	08		XA324	11			168	9			MD0260	06	DM3120	01	2	TLD	A1			06A			
13835		XA324	11		XA324	05			168	9			MD0260	07	DM2820	01	1	TLD	A4			05B			
									****	SIGNAL			MD0260		IS ON THE			NEXT PAGE			****				

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
13836		XA324	05		XA324	03			168	9			MD0260	08	DM3020	01	2	TLD	A2		03B		
13837		XA324	03						168	9			MD0260	09	DM2920	01	1	TLD	A3		02A		
13838		XA419	30		XA325	54			168	9			MD0270	01	MD0270	00	1	TQ2	C2		15A		
13839		XA325	54		XA325	49			168	9			MD0270	02	DM1910	01	2	TLD	D1		25A		
13840		XA325	49		XA325	48			168	9			MD0270	03	DM1610	01	2	TLD	D4		26B		
13841		XA325	48		XA325	41			168	9			MD0270	04	DM1810	01	2	TLD	D2		22A		
13842		XA325	41		XA325	40			168	9			MD0270	05	DM1710	01	1	TLD	D3		22B		
13843		XA325	40		XA325	37			168	9			MD0270	06	DM2310	01	2	TLD	C1		19A		
13844		XA325	37		XA325	34			168	9			MD0270	07	DM2010	01	2	TLD	C4		18B		
13845		XA325	34		XA325	31			168	9			MD0270	08	DM2210	01	2	TLD	C2		16A		
13846		XA325	31						168	9			MD0270	09	DM2110	01	2	TLD	C3		15B		
13847		XA412	45		XA323	24			168	9			MD0280	01	MD0280	00	1	T04	D2		24B		
13848		XA323	24		XA323	23			168	9			MD0280	02	DM2730	01	2	TLD	B1		13A		
13849		XA323	23		XA323	18			168	9			MD0280	03	DM2430	01	1	TLD	B4		11B		
13850		XA323	18		XA323	17			168	9			MD0280	04	DM2630	01	2	TLD	B2		10A		
13851		XA323	17		XA323	08			168	9			MD0280	05	DM2530	01	1	TLD	B3		08B		
13852		XA323	08		XA323	11			168	9			MD0280	06	DM3130	01	2	TLD	A1		06A		
13853		XA323	11		XA323	05			168	9			MD0280	07	DM2830	01	1	TLD	A4		05B		
13854		XA323	05		XA323	03			168	9			MD0280	08	DM3030	01	2	TLD	A2		03B		
13855		XA323	03						168	9			MD0280	09	DM2930	01	1	TLD	A3		02A		
13856		XA514	63		XA408	03			168	9			MD0290	01	MD0290	00	1	TT3	E3		33B		
14687		XA408	03		XA408	04			168	9			MD0290	03	MYA02A	01	1	TQ2	A3		02A		
09395		XA408	04		XA408	10			168	9			MD0290	04	MYA01A	01	1	TQ2	A2		04A		
14689		XA408	10		XA408	11			168	9			MD0290	05	MYA00A	01	1	TQ2	A1		07A		
09398		XA408	11		XA408	17			168	9			MD0290	06	MYA03A	01	1	TQ2	A4		05B		
14689		XA408	17		XA408	20			168	9			MD0290	07	MYA06A	01	1	TQ2	B3		08B		
15534		XA408	20		XA408	23			168	9			MD0290	08	MYA05A	01	1	TQ2	B2		11A		
09402		XA408	23		XA408	26			168	9			MD0290	09	MYA07A	01	1	TQ2	B4		11B		
13396		XA408	26						168	9			MD0290	10	MYA04A	01	1	TQ2	B1		14A		
13865		XA520	11		XA424	11			168	9			MD03BP	01	MP005A	01	1	TQ2	A4		05B		
13866		XA424	11						168	9			MD03BP	02	MD03BP	00	1	T00	AP		05B		
13867		XA519	37		XA520	03			168	9			MD03BQ	01	MD127A	01	2	TQ2	C4		18B		
13868		XA520	03		XA317	79			168	9			MD03BQ	02	MP004A	01	1	TQ2	A3		02A		
13869		XA317	79		XA424	13			168	9			MD03BQ	03	DM0300	01	1	TLD	F1		39B		
13870		XA424	13		XA326	54			168	9			MD03BQ	04	MD03BQ	00	1	T00	AQ		06B		
13871		XA326	54		XA326	26			168	9			MD03BQ	05	DM1900	01	2	TLD	D1		25A		
13872		XA326	26						168	9			MD03BQ	06	DM2700	01	1	TLD	B1		14A		
21914		XA402	45		XA418	21			168	9			MD0310	01				EXT					
13876		XA418	21		XA424	08			168	9			MD0310	02	MD0310	00	1	T04	B2		10B		
13877		XA424	08						168	9			MD0310	03	MD038I	01	1	T00	AI		06A		
13880		XA515	72		XA316	79			168	9			MD0300	01	MD0300	00	1	TQ2	F2		34A		
13881		XA316	79		XA316	76			168	9			MD0300	02	DM0310	01	1	TLD	F1		39B		
13882		XA316	76		XA316	71			168	9			MD0300	03	DM0010	01	1	TLD	F4		37A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
13883		XA316	71		XA316	65				168	9		MD0300	04	DM0210	01	2	TLD	F2		36A		
13884		XA316	65		XA316	68				168	9		MD0300	05	DM0110	01	1	TLD	F3		34B		
13885		XA316	68		XA316	59				168	9		MD0300	06	DM0710	01	2	TLD	E1		32A		
13886		XA316	59		XA316	62				168	9		MD0300	07	DM0410	01	1	TLD	E4		31B		
13887		XA316	62		XA316	53				168	9		MD0300	08	DM0610	01	2	TLD	E2		29A		
13888		XA316	53							168	9		MD0300	09	DM0510	01	1	TLD	E3		28B		
13890		XA514	73		XA408	29				168	9		MD0310	02	MD0310	00	1	TT3	F1		36B		
13897		XA408	29		XA408	35				168	9		MD0310	03	MYA10A	01	1	TQ2	C3		14B		
09408		XA408	35		XA408	36				168	9		MD0310	04	MYA11A	01	1	TQ2	C4		17B		
17552		XA408	36		XA408	41				168	9		MD0310	05	MYA09A	01	1	TQ2	C2		17A		
09411		XA408	41		XA408	42				168	9		MD0310	06	MYA14A	01	1	TQ2	D3		22B		
09412		XA408	42		XA408	47				168	9		MD0310	07	MYA08A	01	1	TQ2	C1		20A		
09416		XA408	47		XA408	50				168	9		MD0310	08	MYA15A	01	1	TQ2	D4		25B		
09419		XA408	50		XA408	56				168	9		MD0310	09	MYA13A	01	1	TQ2	O2		23A		
00255		XA408	56							168	9		MD0310	10	MYA12A	01	1	TQ2	D1		26A		
13900		XA515	69		XA326	79				168	9		MD0320	01	MD0320	00	1	TQ2	F3		35A		
13901		XA326	79		XA326	76				168	9		MD0320	02	DM1110	01	1	TLD	F1		39B		
13902		XA326	76		XA326	71				168	9		MD0320	03	DM0810	01	1	TLD	F4		37A		
13903		XA326	71		XA326	65				168	9		MD0320	04	DM1010	01	2	TLD	F2		36A		
13904		XA326	65		XA326	68				168	9		MD0320	05	DM0910	01	1	TLD	F3		34B		
13905		XA326	68		XA326	59				168	9		MD0320	06	DM1510	01	2	TLD	E1		32A		
13906		XA326	59		XA326	62				168	9		MD0320	07	DM1210	01	1	TLD	E4		31B		
13907		XA326	62		XA326	53				168	9		MD0320	08	DM1410	01	2	TLD	E2		29A		
13908		XA326	53							168	9		MD0320	09	DM1310	01	1	TLD	E3		28B		
13915		XA514	74		XA508	03				168	9		MD0330	01	MD0330	00	1	TT3	F2		35B		
14729		XA508	03		XA508	04				168	9		MD0330	02	MYA18A	01	1	TQ2	A3		02A		
09995		XA508	04		XA508	10				168	9		MD0330	03	MYA17A	01	1	TQ2	A2		04A		
14727		XA508	10		XA508	11				168	9		MD0330	04	MYA16A	01	1	TQ2	A1		07A		
09998		XA508	11		XA508	17				168	9		MD0330	05	MYA19A	01	1	TQ2	A4		05B		
14731		XA508	17		XA508	20				168	9		MD0330	06	MYA22A	01	1	TQ2	B3		08B		
14733		XA508	20		XA508	23				168	9		MD0330	07	MYA21A	01	1	TQ2	B2		11A		
10002		XA508	23		XA508	26				168	9		MD0330	08	MYA23A	01	1	TQ2	B4		11B		
13930		XA508	26							168	9		MD0330	09	MYA20A	01	1	TQ2	B1		14A		
13920		XA515	80		XA324	56				168	9		MD0340	01	MD0340	00	1	TQ2	F4		39A		
13921		XA324	56		XA324	47				168	9		MD0340	02	DM1920	01	1	TLD	D1		26A		
13922		XA324	47		XA324	48				168	9		MD0340	03	DM1620	01	1	TLD	D4		25B		
13923		XA324	48		XA324	41				168	9		MD0340	04	DM1820	01	2	TLD	D2		22A		
13924		XA324	41		XA324	40				168	9		MD0340	05	DM1720	01	1	TLD	D3		22B		
13925		XA324	40		XA324	35				168	9		MD0340	06	DM2320	01	2	TLD	C1		19A		
13926		XA324	35		XA324	34				168	9		MD0340	07	DM2020	01	1	TLD	C4		17B		
13927		XA324	34		XA324	29				168	9		MD0340	08	DM2220	01	2	TLD	C2		16A		
13928		XA324	29							168	9		MD0340	09	DM2120	01	1	TLD	C3		14B		
13935		XA514	80		XA508	29				168	9		MD0350	01	MD0350	00	1	TT3	F3		39A		
13909		XA508	29		XA508	35				168	9		MD0350	02	MYA26A	01	1	TQ2	C3		14B		
10008		XA508	35		XA508	36				168	9		MD0350	03	MYA27A	01	1	TQ2	C4		17B		
										****	SIGNAL		MD0350		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	C	PREFIX	CONNECTOR	PIN	C	MULTI GROUP	CODE	COLOR	IDENT											
13934		XA508	36		XA508	41				168	9		MD0350	04	MYA25A	01	1	TQ2	C2		17A		
10011		XA508	41		XA508	42				168	9		MD0350	05	MYA30A	01	1	TQ2	D3		22B		
10012		XA508	42		XA508	47				168	9		MD0350	06	MYA24A	01	1	TQ2	C1		20A		
10016		XA508	47		XA508	50				168	9		MD0350	07	MYA31A	01	1	TQ2	D4		25B		
10019		XA508	50		XA508	56				168	9		MD0350	08	MYA29A	01	1	TQ2	D2		23A		
00260		XA508	56		XA508	56				168	9		MD0350	09	MYA28A	01	1	TQ2	D1		26A		
13940		XA511	72		XA322	26				168	9		MD0360	01	MD0360	00	1	TQ2	F2		34A		
13941		XA322	26		XA322	23				168	9		MD0360	02	DM274D	01	1	TLD	B1		14A		
13942		XA322	23		XA322	18				168	9		MD0360	03	DM244D	01	1	TLD	B4		11B		
13943		XA322	18		XA322	17				168	9		MD0360	04	DM264D	01	2	TLD	B2		10A		
13944		XA322	17		XA322	08				168	9		MD0360	05	DM254D	01	1	TLD	B3		08B		
13945		XA322	08		XA322	11				168	9		MD0360	06	DM314D	01	2	TLD	A1		06A		
13946		XA322	11		XA322	05				168	9		MD0360	07	DM284D	01	1	TLD	A4		05B		
13947		XA322	05		XA322	03				168	9		MD0360	08	DM304D	01	2	TLD	A2		03B		
13948		XA322	03		XA322	03				168	9		MD0360	09	DM294D	01	1	TLD	A3		02A		
13949		XA417	76		XA417	62				168	9		MD0370	01	MD068A	01	1	TQ2	F4		37A		
13950		XA417	62		XA419	61				168	9		MD0370	02	MD062A	01	2	TQ2	E2		29A		
13951		XA419	61		XA417	41				168	9		MD0370	03	MD065A	01	2	TQ2	E4		32B		
13952		XA417	41		XA417	42				168	9		MD0370	04	MD059A	01	1	TQ2	D3		22B		
13953		XA417	42		XA417	37				168	9		MD0370	05	MD053A	01	1	TQ2	C1		20A		
13954		XA417	37		XA417	18				168	9		MD0370	06	MD056A	01	2	TQ2	C6		18B		
13955		XA417	18		XA417	03				168	9		MD0370	07	MD050A	01	2	TQ2	B2		10A		
13956		XA417	03		XA414	06				168	9		MD0370	08	MD047A	01	1	TQ2	A3		02A		
13957		XA414	06		XA414	06				168	9		MD0370	09	MD0370	00	1	TQ2	A1		05A		
17774		XA413	55		XA417	65				168	9		MD0380	00	MD016A	01	1	TD4	E2		29B		
13958		XA417	65		XA417	68				168	9		MD0380	01	MD067A	01	1	TQ2	F3		34B		
13959		XA417	68		XA417	61				168	9		MD0380	02	MD061A	01	2	TQ2	E1		32A		
13960		XA417	61		XA417	48				168	9		MD0380	03	MD064A	01	2	TQ2	E4		32B		
13961		XA417	48		XA419	39				168	9		MD0380	04	MD058A	01	2	TQ2	D2		22A		
13962		XA419	39		XA417	29				168	9		MD0380	05	MD0380	00	1	TQ2	C4		19B		
13963		XA417	29		XA417	26				168	9		MD0380	06	MD055A	01	1	TQ2	C3		14B		
13964		XA417	26		XA417	23				168	9		MD0380	07	MD049A	01	1	TQ2	B1		14A		
13965		XA417	23		XA417	05				168	9		MD0380	08	MD052A	01	1	TQ2	B4		11B		
13966		XA417	05		XA417	05				168	9		MD0380	09	MD046A	01	2	TQ2	A2		03B		
13967		XA417	71		XA417	53				168	9		MD0390	01	MD066A	01	2	TQ2	F2		36A		
13968		XA417	53		XA417	54				168	9		MD0390	02	MD063A	01	1	TQ2	E3		28B		
13969		XA417	54		XA417	47				168	9		MD0390	03	MD057A	01	2	TQ2	D1		25A		
13970		XA417	47		XA419	52				168	9		MD0390	04	MD060A	01	1	TQ2	D4		25B		
13971		XA419	52		XA417	34				168	9		MD0390	05	MD0390	00	1	TQ2	D1		24A		
13972		XA417	34		XA417	17				168	9		MD0390	06	MD054A	01	2	TQ2	C2		16A		
13973		XA417	17		XA417	08				168	9		MD0390	07	MD051A	01	1	TQ2	B3		08B		
13974		XA417	08		XA417	11				168	9		MD0390	08	MD045A	01	2	TQ2	A1		06A		
13975		XA417	11		XA417	11				168	9		MD0390	09	MD048A	01	1	TQ2	A4		05B		
13976		XA520	20		XA421	09				168	9		MD048P	01	MP008A	01	1	TQ2	B2		11A		
13977		XA421	09		XA421	09				168	9		MD048P	02	MD048P	00	1	TOD	BP		04B		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT										
13978		XA519	48		XA520	26			168	9		MD04BQ	01	MD130A	01	2	TQ2	D2	22A	
13979		XA520	26		XA421	07			168	9		MD04BQ	02	MP007A	01	1	TQ2	B1	14A	
13980		XA421	07		XA317	61			168	9		MD04BQ	03	MD04BQ	00	1	TDD	BQ	03A	
13981		XA317	61		XA326	35			168	9		MD04BQ	04	DM040D	01	2	TLD	E4	32B	
13982		XA326	35		XA326	13			168	9		MD04BQ	05	DM200D	01	1	TLD	C4	17B	
13983		XA326	13						168	9		MD04BQ	06	DM280D	01	2	TLD	A4	06B	
21916		XA402	47		XA421	05			168	9		MD0410	01				EXT			
13987		XA421	05		XA418	35			168	9		MD0410	02	MD04B1	01	1	TDD	B1	03B	
13988		XA418	35						168	9		MD0410	03	MD0410	00	1	TD4	C1	17B	
13989		XA424	01		XA423	01			168	9		MD04NA	01	MD07BN	01	1	TDD	BN	02B	
13990		XA423	01		XA422	01			168	9		MD04NA	02	MD06BN	01	1	TDD	BN	02B	
13991		XA422	01		XA421	01			168	9		MD04NA	03	MD05BN	01	1	TDD	BN	02B	
13992		XA421	01		XA420	09			168	9		MD04NA	04	MD04BN	01	1	TDD	BN	02B	
13993		XA420	09						168	9		MD04NA	05	MD04NA	00	1	TD4	A2	04B	MD0407 CLOCK
13994		XA419	46		XA415	36			168	9		MD0400	01	MD0400	00	1	TQ2	D2	21A	
13995		XA415	36		XA415	37			168	9		MD0400	02	MD070A	01	1	TQ2	C2	17A	
13996		XA415	37		XA415	50			168	9		MD0400	03	MD072A	01	2	TQ2	C4	18B	
13997		XA415	50		XA415	49			168	9		MD0400	04	MD074A	01	1	TQ2	D2	23A	
13998		XA415	49		XA415	64			168	9		MD0400	05	MD076A	01	2	TQ2	D4	26B	
13999		XA415	64		XA415	61			168	9		MD0400	06	MD078A	01	1	TQ2	E2	30A	
14000		XA415	61		XA415	73			168	9		MD0400	07	MD080A	01	2	TQ2	E4	32B	
14001		XA415	73		XA415	78			168	9		MD0400	08	MD082A	01	1	TQ2	F2	36B	
14002		XA415	78						168	9		MD0400	09	MD084A	01	2	TQ2	F4	38A	
14003		XA419	45		XA415	29			168	9		MD0410	01	MD0410	00	1	TQ2	D3	24B	
14004		XA415	29		XA415	40			168	9		MD0410	02	MD071A	01	1	TQ2	C3	14B	
14005		XA415	40		XA415	41			168	9		MD0410	03	MD069A	01	2	TQ2	C1	19A	
14006		XA415	41		XA415	54			168	9		MD0410	04	MD075A	01	1	TQ2	D3	22B	
14007		XA415	54		XA415	53			168	9		MD0410	05	MD073A	01	2	TQ2	O1	25A	
14008		XA415	53		XA415	68			168	9		MD0410	06	MD079A	01	1	TQ2	E3	28B	
14009		XA415	68		XA415	65			168	9		MD0410	07	MD077A	01	2	TQ2	E1	32A	
14010		XA415	65		XA415	77			168	9		MD0410	08	MD083A	01	1	TQ2	F3	34B	
14011		XA415	77						168	9		MD0410	09	MD081A	01	2	TQ2	F1	38B	
14012		XA419	51		XA414	34			168	9		MD0420	01	MD0420	00	1	TQ2	D4	27B	
14013		XA414	34		XA414	35			168	9		MD0420	02	MD086A	01	2	TQ2	C2	16A	
14014		XA414	35		XA414	48			168	9		MD0420	03	MD088A	01	1	TQ2	C4	17B	
14015		XA414	48		XA414	47			168	9		MD0420	04	MD090A	01	2	TQ2	D2	22A	
14016		XA414	47		XA414	62			168	9		MD0420	05	MD092A	01	1	TQ2	D4	25B	
14017		XA414	62		XA414	61			168	9		MD0420	06	MD094A	01	2	TQ2	E2	29A	
14018		XA414	61		XA414	71			168	9		MD0420	07	MD096A	01	2	TQ2	E4	32B	
14019		XA414	71		XA414	78			168	9		MD0420	08	MD098A	01	2	TQ2	F2	36A	
14020		XA414	78						168	9		MD0420	09	MD100A	01	2	TQ2	F4	38A	
14021		XA419	66		XA414	77			168	9		MD0430	01	MD0430	00	1	TQ2	E1	31A	
									****	SIGNAL	MD0430		IS ON THE	NEXT PAGE	****					

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
13934		XA508	36		XA508	41				168	9		MD0350	04	MYA25A	01	1	TQ2	C2		17A		
10011		XA508	41		XA508	42				168	9		MD0350	05	MYA30A	01	1	TQ2	D3		22B		
10012		XA508	42		XA508	47				168	9		MD0350	06	MYA24A	01	1	TQ2	C1		20A		
10016		XA508	47		XA508	50				168	9		MD0350	07	MYA31A	01	1	TQ2	D4		25B		
10019		XA508	50		XA508	56				168	9		MD0350	08	MYA29A	01	1	TQ2	D2		23A		
00260		XA508	56		XA508					168	9		MD0350	09	MYA28A	01	1	TQ2	D1		26A		
13940		XA511	72		XA322	26				168	9		MD0360	01	MD0360	00	1	TQ2	F2		34A		
13941		XA322	26		XA322	23				168	9		MD0360	02	DM2740	01	1	TLD	B1		14A		
13942		XA322	23		XA322	18				168	9		MD0360	03	DM2440	01	1	TLD	B4		11B		
13943		XA322	18		XA322	17				168	9		MD0360	04	DM2640	01	2	TLD	B2		10A		
13944		XA322	17		XA322	08				168	9		MD0360	05	DM2540	01	1	TLD	B3		08B		
13945		XA322	08		XA322	11				168	9		MD0360	06	DM3140	01	2	TLD	A1		08A		
13946		XA322	11		XA322	05				168	9		MD0360	07	DM2840	01	1	TLD	A4		05B		
13947		XA322	05		XA322	03				168	9		MD0360	08	DM3040	01	2	TLD	A2		03B		
13948		XA322	03		XA322					168	9		MD0360	09	DM2940	01	1	TLD	A3		02A		
13949		XA417	76		XA417	62				168	9		MD0370	01	MD068A	01	1	TQ2	F4		37A		
13950		XA417	62		XA417	61				168	9		MD0370	02	MD062A	01	2	TQ2	E2		29A		
13951		XA417	61		XA417	41				168	9		MD0370	03	MD065A	01	2	TQ2	E4		32B		
13952		XA417	41		XA417	42				168	9		MD0370	04	MD059A	01	1	TQ2	D3		22B		
13953		XA417	42		XA417	37				168	9		MD0370	05	MD053A	01	1	TQ2	C1		20A		
13954		XA417	37		XA417	18				168	9		MD0370	06	MD056A	01	2	TQ2	C4		18B		
13955		XA417	18		XA417	03				168	9		MD0370	07	MD050A	01	2	TQ2	B2		10A		
13956		XA417	03		XA414	06				168	9		MD0370	08	MD047A	01	1	TQ2	A3		02A		
13957		XA414	06		XA414					168	9		MD0370	09	MD0370	00	1	TQ2	A1		05A		
17774		XA413	55		XA417	65				168	9		MD0380	00	MD016A	01	1	TD4	E2		29B		
13958		XA417	65		XA417	68				168	9		MD0380	01	MD067A	01	1	TQ2	F3		34B		
13959		XA417	68		XA417	61				168	9		MD0380	02	MD061A	01	2	TQ2	E1		32A		
13960		XA417	61		XA417	48				168	9		MD0380	03	MD064A	01	2	TQ2	E4		32B		
13961		XA417	48		XA419	39				168	9		MD0380	04	MD058A	01	2	TQ2	D2		22A		
13962		XA419	39		XA417	29				168	9		MD0380	05	MD0380	00	1	TQ2	C4		19B		
13963		XA417	29		XA417	26				168	9		MD0380	06	MD055A	01	1	TQ2	C3		14B		
13964		XA417	26		XA417	23				168	9		MD0380	07	MD049A	01	1	TQ2	B1		14A		
13965		XA417	23		XA417	05				168	9		MD0380	08	MD052A	01	1	TQ2	B4		11B		
13966		XA417	05		XA417					168	9		MD0380	09	MD046A	01	2	TQ2	A2		03B		
13967		XA417	71		XA417	53				168	9		MD0390	01	MD066A	01	2	TQ2	F2		36A		
13968		XA417	53		XA417	54				168	9		MD0390	02	MD063A	01	1	TQ2	E3		28B		
13969		XA417	54		XA417	47				168	9		MD0390	03	MD057A	01	2	TQ2	D1		25A		
13970		XA417	47		XA419	52				168	9		MD0390	04	MD060A	01	1	TQ2	D4		25B		
13971		XA419	52		XA417	34				168	9		MD0390	05	MD0390	00	1	TQ2	D1		24A		
13972		XA417	34		XA417	17				168	9		MD0390	06	MD054A	01	2	TQ2	C2		16A		
13973		XA417	17		XA417	08				168	9		MD0390	07	MD051A	01	1	TQ2	B3		08B		
13974		XA417	08		XA417	11				168	9		MD0390	08	MD045A	01	2	TQ2	A1		06A		
13975		XA417	11		XA417					168	9		MD0390	09	MD048A	01	1	TQ2	A4		05B		
13976		XA520	20		XA421	09				168	9		MD048P	01	MP008A	01	1	TQ2	B2		11A		
13977		XA421	09							168	9		MD048P	02	MD048P	00	1	TDD	8P		04B		



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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS		SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT									AND	OR		
13978		XA519	48		XA520	26			168	9			MD0480	01	MD130A	01	2	TQ2	D2		22A			
13979		XA520	26		XA421	07			168	9			MD0480	02	MP007A	01	1	TQ2	B1		14A			
13980		XA421	07		XA317	61			168	9			MD0480	03	MD0480	00	1	TDD	BQ		03A			
13981		XA317	61		XA326	35			168	9			MD0480	04	DM0400	01	2	TLD	E4		32B			
13982		XA326	35		XA326	13			168	9			MD0480	05	DM2000	01	1	TLD	C4		17B			
13983		XA326	13						168	9			MD0480	06	DM2800	01	2	TLD	A4		06B			
21916		XA402	47		XA421	05			168	9			MD0410	01				EXT						
13987		XA421	05		XA418	35			168	9			MD0410	02	MD0481	01	1	TDD	B1		03B			
13988		XA418	35						168	9			MD0410	03	MD0410	00	1	TD4	C1		17B			
13989		XA424	01		XA423	01			168	9			MD04NA	01	MD078N	01	1	TDD	BN		02B			
13990		XA423	01		XA422	01			168	9			MD04NA	02	MD068N	01	1	TDD	BN		02B			
13991		XA422	01		XA421	01			168	9			MD04NA	03	MD058N	01	1	TDD	BN		02B			
13992		XA421	01		XA420	09			168	9			MD04NA	04	MD048N	01	1	TDD	BN		02B			
13993		XA420	09						168	9			MD04NA	05	MD04NA	00	1	TD4	A2		04B		MD0407 CLOCK	
13994		XA419	46		XA415	36			168	9			MD0400	01	MD0400	00	1	TQ2	D2		21A			
13995		XA415	36		XA415	37			168	9			MD0400	02	MD070A	01	1	TQ2	C2		17A			
13996		XA415	37		XA415	50			168	9			MD0400	03	MD072A	01	2	TQ2	C4		18B			
13997		XA415	50		XA415	49			168	9			MD0400	04	MD074A	01	1	TQ2	D2		23A			
13998		XA415	49		XA415	64			168	9			MD0400	05	MD076A	01	2	TQ2	D4		26B			
13999		XA415	64		XA415	61			168	9			MD0400	06	MD078A	01	1	TQ2	E2		30A			
14000		XA415	61		XA415	73			168	9			MD0400	07	MD080A	01	2	TQ2	E4		32B			
14001		XA415	73		XA415	78			168	9			MD0400	08	MD082A	01	1	TQ2	F2		36B			
14002		XA415	78						168	9			MD0400	09	MD084A	01	2	TQ2	F4		38A			
14003		XA419	45		XA415	29			168	9			MD0410	01	MD0410	00	1	TQ2	D3		24B			
14004		XA415	29		XA415	40			168	9			MD0410	02	MD071A	01	1	TQ2	C3		14B			
14005		XA415	40		XA415	41			168	9			MD0410	03	MD069A	01	2	TQ2	C1		19A			
14006		XA415	41		XA415	54			168	9			MD0410	04	MD075A	01	1	TQ2	D3		22B			
14007		XA415	54		XA415	53			168	9			MD0410	05	MD073A	01	2	TQ2	D1		25A			
14008		XA415	53		XA415	68			168	9			MD0410	06	MD079A	01	1	TQ2	E3		28B			
14009		XA415	68		XA415	65			168	9			MD0410	07	MD077A	01	2	TQ2	E1		32A			
14010		XA415	65		XA415	77			168	9			MD0410	08	MD083A	01	1	TQ2	F3		34B			
14011		XA415	77						168	9			MD0410	09	MD081A	01	2	TQ2	F1		38B			
14012		XA419	51		XA414	34			168	9			MD0420	01	MD0420	00	1	TQ2	D4		27B			
14013		XA414	34		XA414	35			168	9			MD0420	02	MD086A	01	2	TQ2	C2		16A			
14014		XA414	35		XA414	48			168	9			MD0420	03	MD088A	01	1	TQ2	C4		17B			
14015		XA414	48		XA414	47			168	9			MD0420	04	MD090A	01	2	TQ2	D2		22A			
14016		XA414	47		XA414	62			168	9			MD0420	05	MD092A	01	1	TQ2	D4		25B			
14017		XA414	62		XA414	61			168	9			MD0420	06	MD094A	01	2	TQ2	E2		29A			
14018		XA414	61		XA414	71			168	9			MD0420	07	MD096A	01	2	TQ2	E4		32B			
14019		XA414	71		XA414	78			168	9			MD0420	08	MD098A	01	2	TQ2	F2		36A			
14020		XA414	78						168	9			MD0420	09	MD100A	01	2	TQ2	F4		38A			
14021		XA419	66		XA414	77			168	9			MD0430	01	MD0430	00	1	TQ2	E1		31A			
									****	SIGNAL		MD0430		IS ON THE	NEXT PAGE	****								

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	SNOP	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											
14022		XA414	77		XA414	74			168	9			MD0430	02	MD097A	01	2	TQ2	F1		388		
14023		XA414	74		XA414	68			168	9			MD0430	03	MD099A	01	2	TQ2	F3		358		
14024		XA414	68		XA414	55			168	9			MD0430	04	MD093A	01	2	TQ2	E1		32A		
14025		XA414	55		XA414	54			168	9			MD0430	05	MD095A	01	2	TQ2	E3		29B		
14026		XA414	54		XA414	41			168	9			MD0430	06	MD089A	01	2	TQ2	D1		25A		
14027		XA414	41		XA414	40			168	9			MD0430	07	MD091A	01	1	TQ2	D3		228		
14028		XA414	40		XA414	29			168	9			MD0430	08	MD085A	01	2	TQ2	C1		19A		
14029		XA414	29						168	9			MD0430	09	MD087A	01	1	TQ2	C3		148		
14030		XA416	74		XA419	31			168	9			MD0440	01	MD0440	00	1	TT3	F2		358		
14031		XA419	31		XA414	24			168	9			MD0440	02	MD101A	01	2	TQ2	C3		15B		
14032		XA414	24		XA414	23			168	9			MD0440	03	MD105A	01	2	TQ2	B1		13A		
14033		XA414	23		XA414	18			168	9			MD0440	04	MD108A	01	1	TQ2	B4		11B		
14034		XA414	18		XA414	17			168	9			MD0440	05	MD106A	01	2	TQ2	B2		10A		
14035		XA414	17		XA414	13			168	9			MD0440	06	MD107A	01	1	TQ2	B3		08B		
14036		XA414	13		XA414	05			168	9			MD0440	07	MD104A	01	2	TQ2	A4		06B		
14037		XA414	05		XA414	03			168	9			MD0440	08	MD102A	01	2	TQ2	A2		03B		
14038		XA414	03						168	9			MD0440	09	MD103A	01	1	TQ2	A3		02A		
14039		XA418	13		XA417	06			168	9			MD045A	01	MD0010	01	4	TQ4	A1		06B		
14040		XA417	06						168	9			MD045A	02	MD045A	00	1	TQ2	A1		05A		
14041		XA418	08		XA417	01			168	9			MD046A	01	MD0010	01	2	TQ4	A1		06A		
14042		XA417	01						168	9			MD046A	02	MD046A	00	1	TQ2	A2		02B		
14043		XA418	06		XA417	09			168	9			MD047A	01	MD0010	01	3	TQ4	A1		05A		
14044		XA417	09						168	9			MD047A	02	MD047A	00	1	TQ2	A3		04B		
14045		XA418	07		XA417	15			168	9			MD048A	01	MD0110	01	4	TQ4	A2		03A		
14046		XA417	15						168	9			MD048A	02	MD048A	00	1	TQ2	A4		07B		
14047		XA418	04		XA417	22			168	9			MD049A	01	MD0110	01	1	TQ4	A2		04A		
14048		XA417	22						168	9			MD049A	02	MD049A	00	1	TQ2	B1		12A		
14049		XA520	18		XA422	09			168	9			MD058P	01	MP008A	01	2	TQ2	B2		10A		
14050		XA422	09						168	9			MD058P	02	MD058P	00	1	TQ0	BP		04B		
14051		XA519	47		XA520	24			168	9			MD058Q	01	MD132A	01	1	TQ2	D4		25B		
14052		XA520	24		XA422	07			168	9			MD058Q	02	MP007A	01	2	TQ2	B1		13A		
14053		XA422	07		XA317	55			168	9			MD058Q	03	MD058Q	00	1	TQ0	BQ		03A		
14054		XA317	55		XA326	29			168	9			MD058Q	04	DM0500	01	2	TLD	E3		29B		
14055		XA326	29		XA326	07			168	9			MD058Q	05	DM2100	01	1	TLD	C3		14B		
14056		XA326	07						168	9			MD058Q	06	DM2900	01	2	TLD	A3		03A		
21918		XA402	49		XA422	05			168	9			MD0510	01				EXT					
14060		XA422	05		XA418	33			168	9			MD0510	02	MD0581	01	1	TQ0	B1		03B		
14061		XA418	33						168	9			MD0510	03	MD0510	00	1	TQ4	C2		16B		
14062		XA418	05		XA417	14			168	9			MD050A	01	MD0110	01	2	TQ4	A2		03B		
14063		XA417	14						168	9			MD050A	02	MD050A	00	1	TQ2	B2		09A		

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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											
14064		XA418	22			XA417	21			168	9		MD051A	01	MD0210	01	3	TD4	B1		12A		
14065		XA417	21							168	9		MD051A	02	MD051A	00	1	TQ2	B3		10B		
14066		XA418	24			XA417	27			168	9		MD052A	01	MD0210	01	2	TD4	B1		13A		
14067		XA417	27							168	9		MD052A	02	MD052A	00	1	TQ2	B4		13B		
14068		XA418	26			XA417	38			168	9		MD053A	01	MD0210	01	1	TD4	B1		14A		
14069		XA417	38							168	9		MD053A	02	MD053A	00	1	TQ2	C1		18A		
14070		XA418	14			XA417	30			168	9		MD054A	01	MD0310	01	3	TD4	B2		09A		
14071		XA417	30							168	9		MD054A	02	MD054A	00	1	TQ2	C2		15A		
14072		XA418	18			XA417	33			168	9		MD055A	01	MD0310	01	2	TD4	B2		10A		
14073		XA417	33							168	9		MD055A	02	MD055A	00	1	TQ2	C3		16B		
14074		XA418	20			XA417	39			168	9		MD056A	01	MD0310	01	1	TD4	B2		11A		
14075		XA417	39							168	9		MD056A	02	MD056A	00	1	TQ2	C4		19B		
14076		XA418	42			XA417	52			168	9		MD057A	01	MD0410	01	1	TD4	C1		20A		
14077		XA417	52							168	9		MD057A	02	MD057A	00	1	TQ2	D1		24A		
14078		XA418	40			XA417	46			168	9		MD058A	01	MD0410	01	2	TD4	C1		19A		
14079		XA417	46							168	9		MD058A	02	MD058A	00	1	TQ2	D2		21A		
14080		XA418	37			XA417	45			168	9		MD059A	01	MD0410	01	4	TD4	C1		18B		
14081		XA417	45							168	9		MD059A	02	MD059A	00	1	TQ2	D3		24B		
14082		XA520	25			XA423	09			168	9		MD068P	01	MP011A	01	2	TQ2	B4		12B		
14083		XA423	09							168	9		MD068P	02	MD068P	00	1	TQ2	BP		04B		
14084		XA519	62			XA520	19			168	9		MD068Q	01	MD134A	01	2	TQ2	E2		29A		
14085		XA520	19			XA423	07			168	9		MD068Q	02	MP010A	01	2	TQ2	B3		09B		
14086		XA423	07			XA317	64			168	9		MD068Q	03	MD068Q	00	1	TQ2	BQ		03A		
14087		XA317	64			XA326	34			168	9		MD068Q	04	DM060D	01	1	TLD	E2		30A		
14088		XA326	34			XA326	04			168	9		MD068Q	05	DM220D	01	2	TLD	C2		16A		
14089		XA326	04							168	9		MD068Q	06	DM300D	01	1	TLD	A2		04A		
21920		XA402	51			XA423	05			168	9		MD0610	01				EXT				TO BAY 2	
14093		XA423	05			XA418	47			168	9		MD0610	02	MD068I	01	1	TQ2	B1		03B		
14094		XA418	47							168	9		MD0610	03	MD0610	00	1	TD4	D1		25B		
14095		XA418	31			XA417	51			168	9		MD060A	01	MD0510	01	4	TD4	C2		15B		
14096		XA417	51							168	9		MD060A	02	MD060A	00	1	TQ2	D4		27B		
14097		XA418	36			XA417	66			168	9		MD061A	01	MD0510	01	1	TD4	C2		17A		
14098		XA417	66							168	9		MD061A	02	MD061A	00	1	TQ2	E1		31A		
14099		XA418	34			XA417	60			168	9		MD062A	01	MD0510	01	2	TD4	C2		16A		
										****	SIGNAL		MD062A		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR												
14100		XA417	60							168	9		MD062A	02	MD062A	00	1	TQ2	E2		28A		
14101		XA418	54		XA417	57				168	9		MD063A	01	MD0610	01	2	TD4	D1		25A		
14102		XA417	57							168	9		MD063A	02	MD063A	00	1	TQ2	E3		30B		
14103		XA418	56		XA417	63				168	9		MD064A	01	MD0610	01	1	TD4	D1		26A		
14104		XA417	63							168	9		MD064A	02	MD064A	00	1	TQ2	E4		33B		
14105		XA419	63		XA418	52				168	9		MD065A	01	MD065A	00	1	TQ2	E4		33B		
14106		XA418	52							168	9		MD065A	02	MD0610	01	3	TD4	D1		24A		
14107		XA418	46		XA417	72				168	9		MD066A	01	MD0710	01	3	TD4	D2		21A		
14108		XA417	72							168	9		MD066A	02	MD066A	00	1	TQ2	F2		34A		
14109		XA418	50		XA417	69				168	9		MD067A	01	MD0710	01	1	TD4	D2		23A		
14110		XA417	69							168	9		MD067A	02	MD067A	00	1	TQ2	F3		35A		
14111		XA418	48		XA417	80				168	9		MD068A	01	MD0710	01	2	TD4	D2		22A		
14112		XA417	80							168	9		MD068A	02	MD068A	00	1	TQ2	F4		39A		
14113		XA416	08		XA415	38				168	9		MD069A	01	MD0810	01	2	TT3	A1		06A		
14114		XA415	38							168	9		MD069A	02	MD069A	00	1	TQ2	C1		18A		
14115		XA520	23		XA424	09				168	9		MD078P	01	MP011A	01	1	TQ2	B4		11B		
14116		XA424	09							168	9		MD078P	02	MD078P	00	1	TQ2	B4		04B		
14117		XA519	79		XA520	17				168	9		MD078Q	01	MD137A	01	1	TQ2	F1		39B		
14118		XA520	17		XA317	70				168	9		MD078Q	02	MP010A	01	1	TQ2	B3		08B		
14119		XA317	70		XA424	07				168	9		MD078Q	03	DM0700	01	1	TLD	E1		33A		
14120		XA424	07		XA326	42				168	9		MD078Q	04	MD078Q	00	1	TDD	BQ		03A		
14121		XA326	42		XA326	10				168	9		MD078Q	05	DM2300	01	1	TLD	C1		20A		
14122		XA326	10							168	9		MD078Q	06	DM3100	01	1	TLD	A1		07A		
21922		XA402	53		XA424	05				168	9		MD0710	01				EXT					
14126		XA424	05		XA418	45				168	9		MD0710	02	MD0781	01	1	TDD	B1		03B		
14127		XA418	45							168	9		MD0710	03	MD0710	00	1	TD4	D2		24B		
14128		XA416	06		XA415	30				168	9		MD070A	01	MD0810	01	3	TT3	A1		05A		
14129		XA415	30							168	9		MD070A	02	MD079A	00	1	TQ2	C2		15A		
14130		XA416	01		XA415	33				168	9		MD071A	01	MD0910	01	2	TT3	A2		02B		
14131		XA415	33							168	9		MD071A	02	MD071A	00	1	TQ2	C3		16B		
14132		XA416	03		XA415	39				168	9		MD072A	01	MD0910	01	3	TT3	A2		02A		
14133		XA415	39							168	9		MD072A	02	MD072A	00	1	TQ2	C4		19B		
14134		XA416	11		XA415	52				168	9		MD073A	01	MD1010	01	2	TT3	A3		05B		
14135		XA415	52							168	9		MD073A	02	MD073A	00	1	TQ2	D1		24A		
14136		XA416	09		XA415	46				168	9		MD074A	01	MD1010	01	1	TT3	A3		04B		
										****	SIGNAL	(MD074A)		IS ON THE	NEXT PAGE	****							

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14137		XA415	46							168	9		MD074A	02	MD074A	00	1	TQ2	D2		21A		
14138		XA416	22		XA415	45				168	9		MD075A	01	MD1110	01	3	TT3	B1		12A		
14139		XA415	45							168	9		MD075A	02	MD075A	00	1	TQ2	D3		24B		
14140		XA416	26		XA415	51				168	9		MD076A	01	MD1110	01	1	TT3	B1		14A		
14141		XA415	51							168	9		MD076A	02	MD076A	00	1	TQ2	D4		27B		
14142		XA416	17		XA415	66				168	9		MD077A	01	MD1210	01	3	TT3	B2		08B		
14143		XA415	66							168	9		MD077A	02	MD077A	00	1	TQ2	E1		31A		
14144		XA416	14		XA415	60				168	9		MD078A	01	MD1210	01	2	TT3	B2		09A		
14145		XA415	60							168	9		MD078A	02	MD078A	00	1	TQ2	E2		28A		
14146		XA416	21		XA415	57				168	9		MD079A	01	MD1310	01	1	TT3	B3		10B		
14147		XA415	57							168	9		MD079A	02	MD079A	00	1	TQ2	E3		30B		
14148		XA520	36		XA421	23				168	9		MD088P	01	MP014A	01	1	TQ2	C2		17A		
14149		XA421	23							168	9		MD088P	02	MD088P	00	1	TQ0	CP		11B		
14150		XA519	78		XA520	40				168	9		MD088Q	01	MD140A	01	2	TQ2	F4		38A		
14151		XA520	40		XA421	25				168	9		MD088Q	02	MP013A	01	2	TQ2	C1		19A		
14152		XA421	25		XA327	76				168	9		MD088Q	03	MD088Q	00	1	TQ0	CQ		12B		
14153		XA327	76		XA325	25				168	9		MD088Q	04	DM080D	01	1	TLD	F4		37A		
14154		XA325	25							168	9		MD088Q	05	DM2410	01	2	TLD	B4		12B		
21924		XA402	55		XA416	04				168	9		MD0810	01				EXT					
14158		XA416	04		XA421	24				168	9		MD0810	02	MD0810	00	1	TT3	A1		04A		
14159		XA421	24							168	9		MD0810	03	MD088I	01	1	TQ0	CI		13A		
14160		XA424	26		XA423	26				168	9		MD08NA	01	MD118N	01	1	TQ0	CN		14A		
14161		XA423	26		XA422	26				168	9		MD08NA	02	MD108N	01	1	TQ0	CN		14A		
14162		XA422	26		XA421	26				168	9		MD08NA	03	MD098N	01	1	TQ0	CN		14A		
14163		XA421	26		XA420	23				168	9		MD08NA	04	MD088N	01	1	TQ0	CN		14A		
14164		XA420	23							168	9		MD08NA	05	MD08NA	00	1	TQ4	B1		11B	MD0811 CLOCK	
14165		XA416	23		XA415	63				168	9		MD080A	01	MD1310	01	2	TT3	B3		11B		
14166		XA415	63							168	9		MD080A	02	MD080A	00	1	TQ2	E4		33B		
14167		XA416	40		XA415	75				168	9		MD081A	01	MD1410	01	2	TT3	C1		19A		
14168		XA415	75							168	9		MD081A	02	MD081A	00	1	TQ2	F1		37B		
14169		XA416	38		XA415	72				168	9		MD082A	01	MD1410	01	3	TT3	C1		18A		
14170		XA415	72							168	9		MD082A	02	MD082A	00	1	TQ2	F2		34A		
14171		XA416	30		XA415	69				168	9		MD083A	01	MD1510	01	2	TT3	C2		15A		
14172		XA415	69							168	9		MD083A	02	MD083A	00	1	TQ2	F3		35A		
14173		XA416	29		XA415	80				168	9		MD084A	01	MD1510	01	3	TT3	C2		14B		
14174		XA415	80							168	9		MD084A	02	MD084A	00	1	TQ2	F4		39A		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GNDP	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											
14175		XA416	35		XA414	38				168	9		MD085A	01	MD1610	01	2	TT3	C3		17B		
14176		XA414	38							168	9		MD085A	02	MD085A	00	1	TQ2	C1		18A		
14177		XA416	33		XA414	30				168	9		MD086A	01	MD1610	01	1	TT3	C3		16B		
14178		XA414	30							168	9		MD086A	02	MD086A	00	1	TQ2	C2		19A		
14179		XA416	52		XA414	33				168	9		MD087A	01	MD1710	01	3	TT3	D1		24A		
14180		XA414	33							168	9		MD087A	02	MD087A	00	1	TQ2	C3		16B		
14181		XA416	54		XA414	39				168	9		MD088A	01	MD1710	01	2	TT3	D1		25A		
14182		XA414	39							168	9		MD088A	02	MD088A	00	1	TQ2	C4		19B		
14183		XA416	46		XA414	52				168	9		MD089A	01	MD1810	01	2	TT3	D2		21A		
14184		XA414	52							168	9		MD089A	02	MD089A	00	1	TQ2	D1		24A		
14185		XA520	34		XA422	23				168	9		MD098P	01	MP014A	01	2	TQ2	C2		16A		
14186		XA422	23							168	9		MD098P	02	MD098P	00	1	TQ2	CP		11B		
14187		XA520	42		XA518	03				168	9		MD098Q	01	MP013A	01	1	TQ2	C1		20A		
14188		XA518	03		XA422	25				168	9		MD098Q	02	MD143A	01	1	TQ2	A3		02A		
14189		XA422	25		XA327	65				168	9		MD098Q	03	MD098Q	00	1	TQ2	C0		12B		
14190		XA327	65		XA325	19				168	9		MD098Q	04	DM090D	01	1	TLD	F3		34B		
14191		XA325	19							168	9		MD098Q	05	DM251D	01	2	TLD	B3		09B		
14192		XA402	57		XA416	07				168	9		MD0910	01				EXT					
14195		XA416	07		XA422	24				168	9		MD0910	02	MD0910	00	1	TT3	A2		03A		
14196		XA422	24							168	9		MD0910	03	MD0981	01	1	TQ2	C1		13A		
14197		XA416	41		XA414	46				168	9		MD090A	01	MD1810	01	3	TT3	D2		22B		
14198		XA414	46							168	9		MD090A	02	MD090A	00	1	TQ2	D2		21A		
14199		XA416	45		XA414	45				168	9		MD091A	01	MD1910	01	1	TT3	D3		24B		
14200		XA414	45							168	9		MD091A	02	MD091A	00	1	TQ2	D3		24B		
14201		XA416	47		XA414	51				168	9		MD092A	01	MD1910	01	2	TT3	D3		25B		
14202		XA414	51							168	9		MD092A	02	MD092A	00	1	TQ2	D4		27B		
14203		XA416	68		XA414	66				168	9		MD093A	01	MD2010	01	2	TT3	E1		32A		
14204		XA414	66							168	9		MD093A	02	MD093A	00	1	TQ2	E1		31A		
14205		XA416	66		XA414	60				168	9		MD094A	01	MD2010	01	3	TT3	E1		31A		
14206		XA414	60							168	9		MD094A	02	MD094A	00	1	TQ2	E2		28A		
14207		XA416	60		XA414	57				168	9		MD095A	01	MD2110	01	2	TT3	E2		28A		
14208		XA414	57							168	9		MD095A	02	MD095A	00	1	TQ2	E3		30B		
14209		XA416	63		XA414	63				168	9		MD096A	01	MD2110	01	3	TT3	E2		28B		
14210		XA414	63							168	9		MD096A	02	MD096A	00	1	TQ2	E4		33B		

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	PREFIX	CONNECTOR	PIH	WIRE	PREFIX	CONNECTOR	PIH	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14211		XA416	59			XA414	75			168	9		MD097A	01	MD2210	01	2	TT3	E3		31B		
14212		XA414	75							168	9		MD097A	02	MD097A	00	1	TQ2	F1		37B		
14213		XA416	57			XA414	72			168	9		MD098A	01	MD2210	01	1	TT3	E3		30B		
14214		XA414	72							168	9		MD098A	02	MD098A	00	1	TQ2	F2		34A		
14215		XA416	75			XA414	69			168	9		MD099A	01	MD2310	01	3	TT3	F1		37B		
14216		XA414	69							168	9		MD099A	02	MD099A	00	1	TQ2	F3		35A		
14217		XA520	37			XA423	23			168	9		MD108P	01	MP017A	01	2	TQ2	C4		18B		
14218		XA423	23							168	9		MD108P	02	MD108P	00	1	TQ2	CP		11B		
14219		XA520	31			XA518	18			168	9		MD108Q	01	MP016A	01	2	TQ2	C3		15B		
14220		XA518	18			XA423	25			168	9		MD108Q	02	MD146A	01	2	TQ2	B2		10A		
14221		XA423	25			XA327	71			168	9		MD108Q	03	MD108Q	00	1	TQ2	CQ		12B		
14222		XA327	71			XA325	20			168	9		MD108Q	04	DM100D	01	2	TL0	F2		36A		
14223		XA325	20							168	9		MD108Q	05	DM261D	01	1	TL0	B2		11A		
21928		XA402	59			XA416	15			168	9		MD1010	01				EXT					
14227		XA416	15			XA423	24			168	9		MD1010	02	MD1010	00	1	TT3	A3		07B		
14228		XA423	24							168	9		MD1010	03	MD108I	01	1	TQ2	CI		13A		
14229		XA416	77			XA414	80			168	9		MD100A	01	MD2310	01	2	TT3	F1		38B		
14230		XA414	80							168	9		MD100A	02	MD100A	00	1	TQ2	F4		39A		
14231		XA419	33			XA415	08			168	9		MD101A	01	MD101A	00	1	TQ2	C3		16B		
14232		XA415	08							168	9		MD101A	02	MD2410	01	2	TQ2	A1		06A		
14233		XA415	05			XA414	01			168	9		MD102A	01	MD2510	01	2	TQ2	A2		03B		
14234		XA414	01							168	9		MD102A	02	MD102A	00	1	TQ2	A2		02B		
14235		XA415	03			XA414	09			168	9		MD103A	01	MD2610	01	1	TQ2	A3		02A		
14236		XA414	09							168	9		MD103A	02	MD103A	00	1	TQ2	A3		04B		
14237		XA415	11			XA414	15			168	9		MD104A	01	MD2710	01	1	TQ2	A4		05B		
14238		XA414	15							168	9		MD104A	02	MD104A	00	1	TQ2	A4		07B		
14239		XA415	24			XA414	22			168	9		MD105A	01	MD2810	01	2	TQ2	B1		13A		
14240		XA414	22							168	9		MD105A	02	MD105A	00	1	TQ2	B1		12A		
14241		XA415	18			XA414	14			168	9		MD106A	01	MD2910	01	2	TQ2	B2		10A		
14242		XA414	14							168	9		MD106A	02	MD106A	00	1	TQ2	B2		09A		
14243		XA415	17			XA414	21			168	9		MD107A	01	MD3010	01	1	TQ2	B3		08B		
14244		XA414	21							168	9		MD107A	02	MD107A	00	1	TQ2	B3		10B		
14245		XA415	23			XA414	27			168	9		MD108A	01	MD3110	01	1	TQ2	B4		11B		
14246		XA414	27							168	9		MD108A	02	MD108A	00	1	TQ2	B4		13B		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
14247		XA520	35		XA424	23		168	9			MD11BP	01	MP017A	01	1	TQ2	C4		17B		
14248		XA424	23					168	9			MD11BP	02	MD11BP	00	1	TDD	CP		11B		
14249		XA518	40		XA520	29		168	9			MD11BQ	01	MD149A	01	2	TQ2	C1		19A		
14250		XA520	29		XA424	25		168	9			MD11BQ	02	MP016A	01	1	TQ2	C3		14B		
14251		XA424	25		XA327	77		168	9			MD11BQ	03	MD11BQ	00	1	TDD	CQ		12B		
14252		XA327	77		XA325	24		168	9			MD11BQ	04	DM110D	01	2	TLD	F1		38B		
14253		XA325	24					168	9			MD11BQ	05	DM271D	01	2	TLD	B1		13A		
21930		XA402	61		XA416	20		168	9			MD1110	01				EXT					
14257		XA416	20		XA424	24		168	9			MD1110	02	MD1110	00	1	TT3	B1		11A		
14258		XA424	24					168	9			MD1110	03	MD1181	01	1	TDD	C1		13A		
14259		XA519	06		XA514	08		168	9			MD116A	01	MD116A	00	1	TQ2	A1		05A		
14260		XA514	08					168	9			MD116A	02	MD2310	01	2	TT3	A1		06A		
14261		XA519	01		XA514	06		168	9			MD117A	01	MD117A	00	1	TQ2	A2		02B		
14262		XA514	06					168	9			MD117A	02	MD2310	01	3	TT3	A1		05A		
14263		XA519	09		XA514	10		168	9			MD118A	01	MD118A	00	1	TQ2	A3		04B		
14264		XA514	10					168	9			MD118A	02	MD2310	01	1	TT3	A1		07A		
14265		XA519	15		XA513	13		168	9			MD119A	01	MD119A	00	1	TQ2	A4		07B		
14266		XA513	13					168	9			MD119A	02	MD2320	01	4	TD4	A1		06B		
14267		XA520	50		XA421	21		168	9			MD128P	01	MP020A	01	1	TQ2	D2		23A		
14268		XA421	21					168	9			MD128P	02	MD128P	00	1	TDD	DP		10B		
14269		XA520	54		XA518	35		168	9			MD128Q	01	MP019A	01	2	TQ2	D1		25A		
14270		XA518	35		XA421	19		168	9			MD128Q	02	MD152A	01	1	TQ2	C4		17B		
14271		XA421	19		XA327	59		168	9			MD128Q	03	MD128Q	00	1	TDD	DQ		09B		
14272		XA327	59		XA325	13		168	9			MD128Q	04	DM120D	01	1	TLD	E4		31B		
14273		XA325	13					168	9			MD128Q	05	DM281D	01	2	TLD	A4		06B		
21932		XA402	63		XA416	19		168	9			MD1210	01				EXT					
14277		XA416	19		XA421	18		168	9			MD1210	02	MD1210	00	1	TT3	B2		09B		
14278		XA421	18					168	9			MD1210	03	MD1281	01	1	TDD	D1		10A		
14279		XA424	14		XA423	14		168	9			MD12NA	01	MD158N	01	1	TDD	DN		09A		
14280		XA423	14		XA422	14		168	9			MD12NA	02	MD148N	01	1	TDD	DN		09A		
14281		XA422	14		XA421	14		168	9			MD12NA	03	MD138N	01	1	TDD	DN		09A		
14282		XA421	14		XA420	21		168	9			MD12NA	04	MD128N	01	1	TDD	DN		09A		
14283		XA420	21					168	9			MD12NA	05	MD12NA	00	1	TD4	B2		10B		MD1215 CLOCK
14284		XA519	22		XA513	10		168	9			MD120A	01	MD120A	00	1	TQ2	B1		12A		
14285		XA513	10					168	9			MD120A	02	MD2320	01	1	TD4	A1		07A		
14286		XA519	14		XA513	08		168	9			MD121A	01	MD121A	00	1	TQ2	B2		09A		
								****			SIGNAL	MD121A		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 OF POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL-OR	IDENT											
14287		XA513	08						168	9			MD121A	02	MD2320	01	2	TD4	A1		06A		
14288		XA519	27		XA513	07			168	9			MD123A	01	MD123A	00	1	TQ2	B4		13B		
14289		XA513	07						168	9			MD123A	02	MD2330	01	4	TD4	A2		03A		
14290		XA519	38		XA513	04			168	9			MD124A	01	MD124A	00	1	TQ2	C1		18A		
14291		XA513	04						168	9			MD124A	02	MD2330	01	1	TD4	A2		04A		
14292		XA519	30		XA513	01			168	9			MD125A	01	MD125A	00	1	TQ2	C2		15A		
14293		XA513	01						168	9			MD125A	02	MD2330	01	3	TD4	A2		02B		
14294		XA519	33		XA513	05			168	9			MD126A	01	MD126A	00	1	TQ2	C3		16B		
14295		XA513	05						168	9			MD126A	02	MD2330	01	2	TD4	A2		03B		
14296		XA519	39		XA515	08			168	9			MD127A	01	MD127A	00	1	TQ2	C4		19B		
14297		XA515	08						168	9			MD127A	02	MD2340	01	2	TQ2	A1		06A		
14298		XA519	52		XA515	10			168	9			MD128A	01	MD128A	00	1	TQ2	D1		24A		
14299		XA515	10						168	9			MD128A	02	MD2340	01	1	TQ2	A1		07A		
14300		XA520	48		XA422	21			168	9			MD138P	01	MP020A	01	2	TQ2	D2		22A		
14301		XA422	21						168	9			MD138P	02	MD138P	00	1	TDD	DP		10B		
14302		XA520	56		XA518	41			168	9			MD138Q	01	MP019A	01	1	TQ2	D1		26A		
14303		XA518	41		XA422	19			168	9			MD138Q	02	MD155A	01	1	TQ2	D3		22B		
14304		XA422	19		XA327	53			168	9			MD138Q	03	MD138Q	00	1	TDD	DQ		09B		
14305		XA327	53		XA325	07			168	9			MD138Q	04	DM130D	01	1	TLD	E3		28B		
14306		XA325	07						168	9			MD138Q	05	DM291D	01	2	TLD	A3		03A		
21934		XA402	65		XA416	27			168	9			MD1310	01				EXT					
14310		XA416	27		XA422	18			168	9			MD1310	02	MD1310	00	1	TT3	B3		13B		
14311		XA422	18						168	9			MD1310	03	MD138I	01	1	TDD	D1		10A		
14312		XA519	46		XA515	05			168	9			MD130A	01	MD130A	00	1	TQ2	D2		21A		
14313		XA515	05						168	9			MD130A	02	MD2350	01	2	TQ2	A2		03B		
14314		XA519	45		XA515	04			168	9			MD131A	01	MD131A	00	1	TQ2	D3		24B		
14315		XA515	04						168	9			MD131A	02	MD2350	01	1	TQ2	A2		04A		
14316		XA519	51		XA515	03			168	9			MD132A	01	MD132A	00	1	TQ2	D4		27B		
14317		XA515	03						168	9			MD132A	02	MD2360	01	1	TQ2	A3		02A		
14318		XA519	66		XA515	07			168	9			MD133A	01	MD133A	00	1	TQ2	E1		31A		
14319		XA515	07						168	9			MD133A	02	MD2360	01	2	TQ2	A3		03A		
14320		XA519	60		XA514	03			168	9			MD134A	01	MD134A	00	1	TQ2	E2		28A		
14321		XA514	03						168	9			MD134A	02	MD2370	01	3	TT3	A2		02A		
14322		XA519	57		XA514	01			168	9			MD135A	01	MD135A	00	1	TQ2	E3		30B		
14323		XA514	01						168	9			MD135A	02	MD2370	01	2	TT3	A2		02B		

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR	IDENT												
14324		XA519	63			XA514	05		16B	9		MD136A	01	MD136A	00	1	TQ2	E4			33B		
14325		XA514	05						16B	9		MD136A	02	MD2370	01	1	TT3	A2			03B		
14326		XA519	75			XA514	13		16B	9		MD137A	01	MD137A	00	1	TQ2	F1			37B		
14327		XA514	13						16B	9		MD137A	02	MD2380	01	3	TT3	A3			08B		
14328		XA519	72			XA514	09		16B	9		MD138A	01	MD138A	00	1	TQ2	F2			34A		
14329		XA514	09						16B	9		MD138A	02	MD2380	01	1	TT3	A3			04B		
14330		XA519	69			XA514	11		16B	9		MD139A	01	MD139A	00	1	TQ2	F3			35A		
14331		XA514	11						16B	9		MD139A	02	MD2380	01	2	TT3	A3			05B		
14332		XA520	49			XA423	21		16B	9		MD14BP	01	MP023A	01	2	TQ2	D4			26B		
14333		XA423	21						16B	9		MD14BP	02	MD14BP	00	1	TOD	DP			10B		
14334		XA518	62			XA520	43		16B	9		MD14BQ	01	MD158A	01	2	TQ2	E2			29A		
14335		XA520	43			XA423	19		16B	9		MD14BQ	02	MP022A	01	2	TQ2	D3			23B		
14336		XA423	19			XA327	62		16B	9		MD14BQ	03	MD14BQ	00	1	TOD	DQ			09B		
14337		XA327	62			XA325	04		16B	9		MD14BQ	04	DM1400	01	2	TLD	E2			29A		
14338		XA325	04						16B	9		MD14BQ	05	DM301D	01	1	TLD	A2			04A		
21936		XA402	67			XA416	36		16B	9		MD1410	01				EXT						
14342		XA416	36			XA423	18		16B	9		MD1410	02	MD1410	00	1	TT3	C1			17A		
14343		XA423	18						16B	9		MD1410	03	MD1491	01	1	TOD	O1			10A		
14344		XA519	80			XA514	26		16B	9		MD140A	01	MD140A	00	1	TQ2	F4			39A		
14345		XA514	26						16B	9		MD140A	02	MD2390	01	1	TT3	B1			14A		
14346		XA518	06			XA514	24		16B	9		MD141A	01	MD141A	00	1	TQ2	A1			05A		
14347		XA514	24						16B	9		MD141A	02	MD2390	01	2	TT3	B1			13A		
14348		XA518	01			XA514	22		16B	9		MD142A	01	MD142A	00	1	TQ2	A2			02B		
14349		XA514	22						16B	9		MD142A	02	MD2390	01	3	TT3	B1			12A		
14350		XA518	09			XA514	14		16B	9		MD143A	01	MD143A	00	1	TQ2	A3			04B		
14351		XA514	14						16B	9		MD143A	02	MD2400	01	2	TT3	B2			09A		
14352		XA518	15			XA514	18		16B	9		MD144A	01	MD144A	00	1	TQ2	A4			07B		
14353		XA514	18						16B	9		MD144A	02	MD2400	01	1	TT3	B2			10A		
14354		XA518	22			XA514	17		16B	9		MD145A	01	MD145A	00	1	TQ2	B1			12A		
14355		XA514	17						16B	9		MD145A	02	MD2400	01	3	TT3	B2			08B		
14356		XA518	14			XA514	21		16B	9		MD146A	01	MD146A	00	1	TQ2	B2			09A		
14357		XA514	21						16B	9		MD146A	02	MD2410	01	1	TT3	B3			10B		
14358		XA518	21			XA514	23		16B	9		MD147A	01	MD147A	00	1	TQ2	B3			10B		
14359		XA514	23						16B	9		MD147A	02	MD2410	01	2	TT3	B3			11B		

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQU TION	TERM	FACTOR	CKT OR CHIP TYPE	PROP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14360		XA518	27		XA514	25				168	9		MD148A	01	MD148A	00	1	TQ2	B4		13B		
14361		XA514	25							168	9		MD148A	02	MD2410	01	3	TT3	B3		12B		
14362		XA518	38		XA514	40				168	9		MD149A	01	MD149A	00	1	TQ2	C1		18A		
14363		XA514	40							168	9		MD149A	02	MD2420	01	2	TT3	C1		19A		
14364		XA520	47		XA424	21				168	9		MD158P	01	MP023A	01	1	TQ2	D4		25B		
14365		XA424	21							168	9		MD158P	02	MD158P	00	1	TDD	DP		10B		
14366		XA518	73		XA520	41				168	9		MD158Q	01	MD162A	01	1	TQ2	F2		36B		
14367		XA520	41		XA424	19				168	9		MD158Q	02	MP022A	01	1	TQ2	D3		22B		
14368		XA424	19		XA327	68				168	9		MD158Q	03	MD158Q	00	1	TDD	DQ		09B		
14369		XA327	68		XA325	10				168	9		MD158Q	04	DM1500	01	2	TLD	E1		32A		
14370		XA325	10							168	9		MD158Q	05	DM311D	01	1	TLD	A1		07A		
21938		XA402	69		XA416	31				168	9		MD1510	01				EXT					
14374		XA416	31		XA424	18				168	9		MD1510	02	MD1510	00	1	TT3	C2		15B		
14375		XA424	18							168	9		MD1510	03	MD158I	01	1	TDD	DI		10A		
14376		XA518	30		XA514	38				168	9		MD150A	01	MD150A	00	1	TQ2	C2		15A		
14377		XA514	38							168	9		MD150A	02	MD2420	01	3	TT3	C1		18A		
14378		XA518	33		XA514	42				168	9		MD151A	01	MD151A	00	1	TQ2	C3		16B		
14379		XA514	42							168	9		MD151A	02	MD2420	01	1	TT3	C1		20A		
14380		XA518	39		XA514	29				168	9		MD152A	01	MD152A	00	1	TQ2	C4		19B		
14381		XA514	29							168	9		MD152A	02	MD2430	01	3	TT3	C2		14B		
14382		XA518	52		XA514	34				168	9		MD153A	01	MD153A	00	1	TQ2	D1		24A		
14383		XA514	34							168	9		MD153A	02	MD2430	01	1	TT3	C2		16A		
14384		XA518	46		XA514	30				168	9		MD154A	01	MD154A	00	1	TQ2	D2		21A		
14385		XA514	30							168	9		MD154A	02	MD2430	01	2	TT3	C2		15A		
14386		XA518	45		XA514	33				168	9		MD155A	01	MD155A	00	1	TQ2	D3		24B		
14387		XA514	33							168	9		MD155A	02	MD2440	01	1	TT3	C3		16B		
14388		XA518	51		XA514	35				168	9		MD156A	01	MD156A	00	1	TQ2	D4		27B		
14389		XA514	35							168	9		MD156A	02	MD2440	01	2	TT3	C3		17B		
14390		XA518	66		XA514	37				168	9		MD157A	01	MD157A	00	1	TQ2	E1		31A		
14391		XA514	37							168	9		MD157A	02	MD2440	01	3	TT3	C3		18B		
14392		XA518	60		XA513	25				168	9		MD158A	01	MD158A	00	1	TQ2	E2		28A		
14393		XA513	25							168	9		MD158A	02	MD2450	01	4	TD4	B1		12B		
14394		XA518	57		XA513	22				168	9		MD159A	01	MD159A	00	1	TQ2	E3		30B		
14395		XA513	22							168	9		MD159A	02	MD2450	01	3	TD4	B1		12A		

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	PREFIX	CONNECTOR	PIH	POS	PREFIX	CONNECTOR	PIH	POS	MULTI GROUP	CODE	COLOR	IDENT												SPC INST	MISC
14398		XA521	05		XA421	35				168	9			MD16BP	01	MP026A	01	2	TQ2	A2		03B			
14399		XA421	35							168	9			MD16BP	02	MD16BP	00	1	TOD	EP		17B			
22239		XA401	25		XA324	25				168	9			MD16BQ	01				EXT						
14401		XA324	25		XA325	47				168	9			MD16BQ	02	DM242D	01	2	TLD	B4		12B			
14402		XA325	47		XA421	37				168	9			MD16BQ	03	DM161D	01	1	TLD	O4		25B			
14403		XA421	37		XA517	05				168	9			MD16BQ	04	MD16BQ	00	1	TOD	EQ		18B			
14404		XA517	05		XA521	10				168	9			MD16BQ	05	MD166A	01	2	TQ2	A2		03B			
14405		XA521	10		XA518	79				168	9			MD16BQ	06	MP025A	01	1	TQ2	A1		07A			
14406		XA518	79							168	9			MD16BQ	07	MD161A	01	1	TQ2	F1		39B			
14407		XA421	40		XA416	39				168	9			MD1610	01	MD168I	01	1	TOD	E1		19A			
14408		XA416	39							168	9			MD1610	02	MD1610	00	1	T13	C3		19B			
14409		XA424	42		XA423	42				168	9			MD16NA	01	MD198N	01	1	TOD	EN		20A			
14410		XA423	42		XA422	42				168	9			MD16NA	02	MD188N	01	1	TOD	EN		20A			
14411		XA422	42		XA421	42				168	9			MD16NA	03	MD178N	01	1	TOD	EN		20A			
14412		XA421	42		XA420	35				168	9			MD16NA	04	MD168N	01	1	TOD	EN		20A			
14413		XA420	35							168	9			MD16NA	05	MD16NA	00	1	T04	C1		17B		MD1619 CLOCK	
14414		XA518	63		XA513	24				168	9			MD160A	01	MD160A	00	1	TQ2	E4		33B			
14415		XA513	24							168	9			MD160A	02	MD2450	01	2	T04	B1		13A			
14416		XA518	75		XA513	26				168	9			MD161A	01	MD161A	00	1	TQ2	F1		37B			
14417		XA513	26							168	9			MD161A	02	MD2450	01	1	T04	B1		14A			
14418		XA518	72		XA513	18				168	9			MD162A	01	MD162A	00	1	TQ2	F2		34A			
14419		XA513	18							168	9			MD162A	02	MD2460	01	2	T04	B2		10A			
14420		XA518	69		XA513	20				168	9			MD163A	01	MD163A	00	1	TQ2	F3		35A			
14421		XA513	20							168	9			MD163A	02	MD2460	01	1	T04	B2		11A			
14422		XA518	80		XA513	19				168	9			MD164A	01	MD164A	00	1	TQ2	F4		39A			
14423		XA513	19							168	9			MD164A	02	MD2460	01	4	T04	B2		09B			
14424		XA517	06		XA513	14				168	9			MD165A	01	MD165A	00	1	TQ2	A1		05A			
14425		XA513	14							168	9			MD165A	02	MD2460	01	3	T04	B2		09A			
14426		XA517	01		XA513	38				168	9			MD166A	01	MD166A	00	1	TQ2	A2		02B			
14427		XA513	38							168	9			MD166A	02	MD2470	01	3	T04	C1		18A			
14428		XA517	09		XA513	40				168	9			MD167A	01	MD167A	00	1	TQ2	A3		04B			
14429		XA513	40							168	9			MD167A	02	MD2470	01	2	T04	C1		19A			
14430		XA517	15		XA513	42				168	9			MD168A	01	MD168A	00	1	TQ2	A4		07B			
14431		XA513	42							168	9			MD168A	02	MD2470	01	1	T04	C1		20A			
14432		XA517	22		XA513	37				168	9			MD169A	01	MD169A	00	1	TQ2	B1		12A			
										****		SIGNAL	MD169A		IS ON THE	NEXT PAGE	****								

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
14433		XA513	37						168	9			MD169A	02	MD2470	01	4	T04	C1		18B		
14436		XA521	04		XA422	35			168	9			MD178P	01	MP026A	01	1	TQ2	A2		04A		
14437		XA422	35						168	9			MD178P	02	MD178P	00	1	T00	EP		17B		
22241		XA401	27		XA324	19			168	9			MD178Q	01				EXT					
14439		XA324	15		XA325	43			168	9			MD178Q	02	DM252D	01	2	TLO	B3		09B		
14440		XA325	43		XA422	37			168	9			MD178Q	03	DM171D	01	2	TLO	D3		23B		
14441		XA422	37		XA521	08			168	9			MD178Q	04	MD178Q	00	1	T00	EQ		18B		
14442		XA521	08		XA517	10			168	9			MD178Q	05	MP025A	01	2	TQ2	A1		06A		
14443		XA517	10		XA517	18			168	9			MD178Q	06	MD165A	01	1	TQ2	A1		07A		
14444		XA517	18						168	9			MD178Q	07	MD170A	01	2	TQ2	B2		10A		
14445		XA422	40		XA416	50			168	9			MD171D	01	MD178I	01	1	T00	E1		19A		
14446		XA416	50						168	9			MD171D	02	MD171D	00	1	TT3	D1		23A		
14447		XA517	14		XA512	55			168	9			MD170A	01	MD170A	00	1	TQ2	B2		09A		
14626		XA512	55						168	9			MD170A	02	MD2480	01	7	TS8	E1		29B		
14449		XA517	21		XA512	60			168	9			MD171A	01	MD171A	00	1	TQ2	B3		10B		
14632		XA512	60						168	9			MD171A	02	MD2480	01	6	TS8	E1		28A		
14451		XA517	27		XA512	68			168	9			MD172A	01	MD172A	00	1	TQ2	B4		13B		
14630		XA512	68						168	9			MD172A	02	MD2480	01	2	TS8	E1		32A		
14453		XA517	38		XA512	62			168	9			MD173A	01	MD173A	00	1	TQ2	C1		18A		
14628		XA512	62						168	9			MD173A	02	MD2480	01	5	TS8	E1		29A		
14455		XA517	30		XA514	52			168	9			MD174A	01	MD174A	00	1	TQ2	C2		15A		
14456		XA514	52						168	9			MD174A	02	MD2490	01	3	TT3	D1		24A		
14457		XA517	33		XA514	54			168	9			MD175A	01	MD175A	00	1	TQ2	C3		16B		
14458		XA514	54						168	9			MD175A	02	MD2490	01	2	TT3	D1		25A		
14459		XA517	39		XA514	56			168	9			MD176A	01	MD176A	00	1	TQ2	C4		19B		
14460		XA514	56						168	9			MD176A	02	MD2490	01	1	TT3	D1		26A		
14461		XA517	52		XA514	48			168	9			MD177A	01	MD177A	00	1	TQ2	D1		24A		
14462		XA514	48						168	9			MD177A	02	MD2500	01	1	TT3	D2		22A		
14463		XA517	46		XA514	46			168	9			MD178A	01	MD178A	00	1	TQ2	D2		21A		
14464		XA514	46						168	9			MD178A	02	MD2500	01	2	TT3	D2		21A		
14465		XA517	45		XA514	41			168	9			MD179A	01	MD179A	00	1	TQ2	D3		24B		
14466		XA514	41						168	9			MD179A	02	MD2500	01	3	TT3	D2		22B		
14469		XA521	13		XA423	35			168	9			MD188P	01	MP029A	01	2	TQ2	A4		06B		
14470		XA423	35						168	9			MD188P	02	MD188P	00	1	T00	EP		17B		
22243		XA401	29		XA324	20			168	9			MD188Q	01				EXT					
									****		SIGNAL		MD188Q		IS ON THE		NEXT PAGE		****				

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	PREFIX	CONNECTOR	PIH	WIRE NO	PREFIX	CONNECTOR	PIH	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
14472		XA324	20			XA325	50			168	9		MD1880	02	DM2620	01	1	TLD	B2		11A		
14473		XA325	50			XA423	37			168	9		MD188Q	03	DM1810	01	1	TLD	D2		23A		
14474		XA423	37			XA521	07			168	9		MD188Q	04	MD188Q	00	1	TDD	EQ		18B		
14475		XA521	07			XA517	26			168	9		MD188Q	05	MP028A	01	2	TQ2	A3		03A		
14476		XA517	26			XA517	34			168	9		MD188Q	06	MD169A	01	1	TQ2	B1		14A		
14477		XA517	34							168	9		MD188Q	07	MD174A	01	2	TQ2	C2		16A		
14478		XA423	40			XA416	43			168	9		MD1810	01	MD1881	01	1	TDD	E1		19A		
14479		XA416	43							168	9		MD1810	02	MD1810	00	1	TT3	D2		23B		
14480		XA517	51			XA512	08			168	9		MD180A	01	MD180A	00	1	TQ2	D4		27B		
14481		XA512	08							168	9		MD180A	02	MD2510	01	2	TS8	A1		06A		
14482		XA517	66			XA512	06			168	9		MD181A	01	MD181A	00	1	TQ2	E1		31A		
14483		XA512	06							168	9		MD181A	02	MD2510	01	3	TS8	A1		05A		
14484		XA517	60			XA512	10			168	9		MD182A	01	MD182A	00	1	TQ2	E2		28A		
14485		XA512	10							168	9		MD182A	02	MD2510	01	1	TS8	A1		07A		
14486		XA517	57			XA512	04			168	9		MD183A	01	MD183A	00	1	TQ2	E3		30B		
14487		XA512	04							168	9		MD183A	02	MD2510	01	4	TS8	A1		04A		
14488		XA517	63			XA512	13			168	9		MD184A	01	MD184A	00	1	TQ2	E4		33B		
14489		XA512	13							168	9		MD184A	02	MD2510	01	8	TS8	A1		06B		
14490		XA517	75			XA512	22			168	9		MD185A	01	MD185A	00	1	TQ2	F1		37B		
14491		XA512	22							168	9		MD185A	02	MD2520	01	3	TS8	B1		12A		
14492		XA517	72			XA512	26			168	9		MD186A	01	MD186A	00	1	TQ2	F2		34A		
14493		XA512	26							168	9		MD186A	02	MD2520	01	1	TS8	B1		14A		
14494		XA517	69			XA512	20			168	9		MD187A	01	MD187A	00	1	TQ2	F3		35A		
14495		XA512	20							168	9		MD187A	02	MD2520	01	4	TS8	B1		11A		
14496		XA517	80			XA512	24			168	9		MD188A	01	MD188A	00	1	TQ2	F4		39A		
14497		XA512	24							168	9		MD188A	02	MD2520	01	2	TS8	B1		13A		
14498		XA516	06			XA512	14			168	9		MD189A	01	MD189A	00	1	TQ2	A1		05A		
14499		XA512	14							168	9		MD189A	02	MD2520	01	6	TS8	B1		09A		
14502		XA521	11			XA424	35			168	9		MD198P	01	MP029A	01	1	TQ2	A4		05B		
14503		XA424	35							168	9		MD198P	02	MD198P	00	1	TDD	EP		17B		
22245		XA401	31			XA324	26			168	9		MD198Q	01				EXT					
14505		XA324	26			XA325	56			168	9		MD198Q	02	DM2720	01	1	TLD	B1		14A		
14506		XA325	56			XA424	37			168	9		MD198Q	03	DM1910	01	1	TLD	D1		26A		
14507		XA424	37			XA521	03			168	9		MD198Q	04	MD198Q	00	1	TDD	EQ		18B		
14508		XA521	03			XA517	42			168	9		MD198Q	05	MP028A	01	1	TQ2	A3		02A		
14509		XA517	42			XA517	54			168	9		MD198Q	06	MD173A	01	1	TQ2	C1		20A		
14510		XA517	54							168	9		MD198Q	07	MD177A	01	2	TQ2	D1		25A		

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
14511		XA424	40			XA416	51			16B	9		MD1910	01	MD1981	01	1	TDD	E1		19A		
14512		XA416	51							16B	9		MD1910	02	MD1910	00	1	TT3	D3		27B		
14513		XA516	01			XA512	31			16B	9		MD190A	01	MD190A	00	1	TQ2	A2		02B		
14514		XA512	31							16B	9		MD190A	02	MD2530	01	7	TS8	C1		15B		
14515		XA516	09			XA512	34			16B	9		MD191A	01	MD191A	00	1	TQ2	A3		04B		
14516		XA512	34							16B	9		MD191A	02	MD2530	01	5	TS8	C1		16A		
14517		XA516	15			XA512	30			16B	9		MD192A	01	MD192A	00	1	TQ2	A4		07B		
14518		XA512	30							16B	9		MD192A	02	MD2530	01	6	TS8	C1		15A		
14519		XA516	22			XA512	38			16B	9		MD193A	01	MD193A	00	1	TQ2	B1		12A		
14520		XA512	38							16B	9		MD193A	02	MD2530	01	3	TS8	C1		18A		
14521		XA516	14			XA512	36			16B	9		MD194A	01	MD194A	00	1	TQ2	B2		09A		
14522		XA512	36							16B	9		MD194A	02	MD2530	01	4	TS8	C1		17A		
14523		XA516	21			XA512	49			16B	9		MD195A	01	MD195A	00	1	TQ2	B3		10B		
14524		XA512	49							16B	9		MD195A	02	MD2540	01	8	TS8	D1		26B		
14525		XA516	27			XA512	50			16B	9		MD196A	01	MD196A	00	1	TQ2	B4		13B		
14526		XA512	50							16B	9		MD196A	02	MD2540	01	4	TS8	D1		23A		
14527		XA516	38			XA512	48			16B	9		MD197A	01	MD197A	00	1	TQ2	C1		18A		
14528		XA512	48							16B	9		MD197A	02	MD2540	01	5	TS8	D1		22A		
14529		XA516	30			XA512	46			16B	9		MD198A	01	MD198A	00	1	TQ2	C2		15A		
14530		XA512	46							16B	9		MD198A	02	MD2540	01	6	TS8	D1		21A		
14531		XA516	33			XA512	43			16B	9		MD199A	01	MD199A	00	1	TQ2	C3		16B		
14532		XA512	43							16B	9		MD199A	02	MD2540	01	7	TS8	D1		23B		
14535		XA521	18			XA421	33			16B	9		MD208P	01	MP032A	01	2	TQ2	B2		10A		
14536		XA421	33							16B	9		MD208P	02	MD208P	00	1	TDD	FP		16B		
22247		XA401	33			XA324	13			16B	9		MD208Q	01				EXT					
14538		XA324	13			XA325	35			16B	9		MD208Q	02	DM2820	01	2	TLD	A4		06B		
14539		XA325	35			XA421	31			16B	9		MD208Q	03	DM2010	01	1	TLO	C4		17B		
14540		XA421	31			XA521	26			16B	9		MD208Q	04	MD208Q	00	1	TDD	FQ		15B		
14541		XA521	26			XA517	49			16B	9		MD208Q	05	MP031A	01	1	TQ2	B1		14A		
14542		XA517	49			XA517	62			16B	9		MD208Q	06	MD180A	01	2	TQ2	D4		26B		
14543		XA517	62							16B	9		MD208Q	07	MD182A	01	2	TQ2	E2		29A		
14544		XA421	34			XA416	64			16B	9		MD2010	01	MD2081	01	1	TDD	F1		16A		
14545		XA416	64							16B	9		MD2010	02	MD2010	00	1	TT3	E1		30A		
14546		XA424	30			XA423	30			16B	9		MD20NA	01	MD238N	01	1	TDD	FN		15A		
										****		SIGNAL	MD20NA		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14547		XA423	30		XA422	30			16B	9			MD20NA	02	MD22BN	01	1	TDD	FN		15A		
14548		XA422	30		XA421	30			16B	9			MD20NA	03	MD218N	01	1	TDD	FN		15A		
14549		XA421	30		XA420	33			16B	9			MD20NA	04	MD20BN	01	1	TDD	FN		15A		
14550		XA420	33						16B	9			MD20NA	05	MD20NA	00	1	TD4	C2		16B	MD2023 CLOCK	
14551		XA516	39		XA513	49			16B	9			MD200A	01	MD200A	00	1	TQ2	C4		19B		
14552		XA513	49						16B	9			MD200A	02	MD2550	01	4	TD4	D1		26B		
14553		XA516	52		XA513	54			16B	9			MD201A	01	MD201A	00	1	TQ2	D1		24A		
14554		XA513	54						16B	9			MD201A	02	MD2550	01	2	TD4	D1		25A		
14555		XA516	46		XA513	52			16B	9			MD202A	01	MD202A	00	1	TQ2	D2		21A		
14556		XA513	52						16B	9			MD202A	02	MD2550	01	3	TD4	D1		24A		
14557		XA516	45		XA513	56			16B	9			MD203A	01	MD203A	00	1	TQ2	D3		24B		
14558		XA513	56						16B	9			MD203A	02	MD2550	01	1	TD4	D1		26A		
14559		XA516	51		XA513	46			16B	9			MD204A	01	MD204A	00	1	TQ2	D4		27B		
14560		XA513	46						16B	9			MD204A	02	MD2560	01	3	TD4	D2		21A		
14561		XA516	66		XA513	43			16B	9			MD205A	01	MD205A	00	1	TQ2	E1		31A		
14562		XA513	43						16B	9			MD205A	02	MD2560	01	4	TD4	D2		23B		
14563		XA516	60		XA513	48			16B	9			MD206A	01	MD206A	00	1	TQ2	E2		28A		
14564		XA513	48						16B	9			MD206A	02	MD2560	01	2	TD4	D2		22A		
14565		XA516	57		XA513	50			16B	9			MD207A	01	MD207A	00	1	TQ2	E3		30B		
14566		XA513	50						16B	9			MD207A	02	MD2560	01	1	TD4	D2		23A		
14567		XA516	63		XA513	61			16B	9			MD208A	01	MD208A	00	1	TQ2	E4		33B		
14568		XA513	61						16B	9			MD208A	02	MD2570	01	4	TD4	E1		32B		
14569		XA516	75		XA513	70			16B	9			MD209A	01	MD209A	00	1	TQ2	F1		37B		
14570		XA513	70						16B	9			MD209A	02	MD2570	01	1	TD4	E1		33A		
14573		XA521	20		XA422	33			16B	9			MD218P	01	MP032A	01	1	TQ2	B2		11A		
14574		XA422	33						16B	9			MD218P	02	MD218P	00	1	TDD	FP		16B		
22249		XA401	35		XA324	07			16B	9			MD218Q	01				EXT					
14576		XA324	07		XA325	29			16B	9			MD218Q	02	DM2920	01	2	TLD	A3		03A		
14577		XA325	29		XA422	31			16B	9			MD218Q	03	DM2110	01	1	TLD	C3		14B		
14578		XA422	31		XA521	24			16B	9			MD218Q	04	MD218Q	00	1	TDD	FQ		15B		
14579		XA521	24		XA517	74			16B	9			MD218Q	05	MP031A	01	2	TQ2	B1		13A		
14580		XA517	74		XA517	79			16B	9			MD218Q	06	MD187A	01	2	TQ2	F3		35B		
14581		XA517	79						16B	9			MD218Q	07	MD185A	01	1	TQ2	F1		39B		
14582		XA422	34		XA416	55			16B	9			MD2110	01	MD2181	01	1	TDD	F1		16A		
14583		XA416	55						16B	9			MD2110	02	MD2110	00	1	TT3	E2		29B		
14584		XA516	72		XA513	68			16B	9			MD210A	01	MD210A	00	1	TQ2	F2		34A		
									****	SIGNAL		MD210A		IS ON THE							****		



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MD210A

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14585		XA513	68							168	9		MD210A	02	MD2570	01	2	TD4	E1		32A		
14586		XA516	69		XA513	66				168	9		MD211A	01	MD211A	00	1	TQ2	F3		35A		
14587		XA513	66							168	9		MD211A	02	MD2570	01	3	TD4	E1		31A		
14588		XA516	80		XA513	55				168	9		MD212A	01	MD212A	00	1	TQ2	F4		39A		
14589		XA513	55							168	9		MD212A	02	MD2580	01	4	TD4	E2		29B		
14590		XA515	15		XA513	60				168	9		MD213A	01	MD213A	00	1	TQ2	A4		07B		
14591		XA513	60							168	9		MD213A	02	MD2580	01	3	TD4	E2		28A		
14592		XA515	22		XA513	64				168	9		MD214A	01	MD214A	00	1	TQ2	B1		12A		
14593		XA513	64							168	9		MD214A	02	MD2580	01	1	TD4	E2		30A		
14594		XA515	14		XA513	62				168	9		MD215A	01	MD215A	00	1	TQ2	B2		09A		
14595		XA513	62							168	9		MD215A	02	MD2580	01	2	TD4	E2		29A		
14596		XA515	21		XA513	75				168	9		MD216A	01	MD216A	00	1	TQ2	B3		10B		
14597		XA513	75							168	9		MD216A	02	MD2590	01	3	TD4	F1		37B		
14598		XA515	27		XA513	77				168	9		MD217A	01	MD217A	00	1	TQ2	B4		13B		
14599		XA513	77							168	9		MD217A	02	MD2590	01	2	TD4	F1		38B		
14600		XA515	38		XA513	78				168	9		MD218A	01	MD218A	00	1	TQ2	C1		18A		
14601		XA513	78							168	9		MD218A	02	MD2590	01	4	TD4	F1		38A		
14602		XA515	30		XA513	79				168	9		MD219A	01	MD219A	00	1	TQ2	C2		15A		
14603		XA513	79							168	9		MD219A	02	MD2590	01	1	TD4	F1		39B		
14606		XA521	25		XA423	33				168	9		MD228P	01	MP035A	01	2	TQ2	B4		12B		
14607		XA423	33							168	9		MD228P	02	MD228P	00	1	TDD	FP		16B		
22251		XA401	37		XA324	04				168	9		MD228Q	01				EXT					
14609		XA324	04		XA325	36				168	9		MD228Q	02	DM302D	01	1	TLO	A2		04A		
14610		XA325	36		XA423	31				168	9		MD228Q	03	DM221D	01	1	TLO	C2		17A		
14611		XA423	31		XA521	19				168	9		MD228Q	04	MD228Q	00	1	TDD	FQ		15B		
14612		XA521	19		XA516	04				168	9		MD228Q	05	MP034A	01	2	TQ2	B3		09B		
14613		XA516	04		XA516	11				168	9		MD228Q	06	MD190A	01	1	TQ2	A2		04A		
14614		XA516	11							168	9		MD228Q	07	MD192A	01	1	TQ2	A4		05B		
14615		XA423	34		XA416	63				168	9		MD2210	01	MD2281	01	1	TDD	F1		16A		
14616		XA416	63							168	9		MD2210	02	MD2210	00	1	TT3	E3		33B		
14617		XA515	33		XA513	72				168	9		MD220A	01	MD220A	00	1	TQ2	C3		16B		
14618		XA513	72							168	9		MD220A	02	MD2600	01	3	TD4	F2		34A		
14619		XA515	39		XA513	71				168	9		MD221A	01	MD221A	00	1	TQ2	C4		19B		
14620		XA513	71							168	9		MD221A	02	MD2600	01	2	TD4	F2		36A		
14621		XA515	52		XA513	74				168	9		MD222A	01	MD222A	00	1	TQ2	D1		24A		
										****		SIGNAL	MD222A		ON THE		NEXT PAGE	****					

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MD222A

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
14622		XA513	74							16B	9		MD222A	02	MD2600	01	4	TD4	F2		35B		
14623		XA515	46		XA513	73				16B	9		MD223A	01	MD223A	00	1	TQ2	D2		21A		
14624		XA513	73							16B	9		MD223A	02	MD2600	01	1	TD4	F2		36B		
14625		XA515	45		XA513	30				16B	9		MD224A	01	MD224A	00	1	TQ2	D3		24B		
14448		XA513	30							16B	9		MD224A	02	MD2610	01	3	TD4	C2		15A		
14627		XA515	51		XA513	34				16B	9		MD225A	01	MD225A	00	1	TQ2	D4		27B		
14450		XA513	34							16B	9		MD225A	02	MD2610	01	2	TD4	C2		16A		
14629		XA515	66		XA513	36				16B	9		MD226A	01	MD226A	00	1	TQ2	E1		31A		
14454		XA513	36							16B	9		MD226A	02	MD2610	01	1	TD4	C2		17A		
14631		XA515	60		XA513	31				16B	9		MD227A	01	MD227A	00	1	TQ2	E2		28A		
14452		XA513	31							16B	9		MD227A	02	MD2610	01	4	TD4	C2		15B		
14633		XA515	57		XA514	45				16B	9		MD228A	01	MD228A	00	1	TQ2	E3		30B		
14634		XA514	45							16B	9		MD228A	02	MD2620	01	1	TT3	D3		24B		
14635		XA515	63		XA514	47				16B	9		MD229A	01	MD229A	00	1	TQ2	E4		33B		
14636		XA514	47							16B	9		MD229A	02	MD2620	01	2	TT3	D3		25B		
14639		XA521	23		XA424	33				16B	9		MD238P	01	MP035A	01	1	TQ2	B4		11B		
14640		XA424	33							16B	9		MD238P	02	MD238P	00	1	TQ0	FP		16B		
22253		XA401	39		XA324	10				16B	9		MD238Q	01				EXT					
14642		XA324	10		XA325	42				16B	9		MD238Q	02	DM312D	01	1	TLD	A1		07A		
14643		XA325	42		XA424	31				16B	9		MD238Q	03	DM231D	01	1	TLD	C1		20A		
14644		XA424	31		XA521	17				16B	9		MD238Q	04	MD238Q	00	1	TDD	FQ		15B		
14645		XA521	17		XA516	19				16B	9		MD238Q	05	MP034A	01	1	TQ2	B3		08B		
14646		XA516	19		XA516	40				16B	9		MD238Q	06	MD195A	01	2	TQ2	B3		09B		
14647		XA516	40							16B	9		MD238Q	07	MD197A	01	2	TQ2	C1		19A		
14648		XA424	34		XA416	73				16B	9		MD2310	01	MD2381	01	1	TQ0	FI		16A		
14649		XA416	73							16B	9		MD2310	02	MD2310	00	1	TT3	F1		36B		
14650		XA515	75		XA514	49				16B	9		MD230A	01	MD230A	00	1	TQ2	F1		37B		
14651		XA514	49							16B	9		MD230A	02	MD2620	01	3	TT3	D3		26B		
14652		XA514	04		XA407	11				16B	9		MD2310	01	MD2310	00	1	TT3	A1		04A		
09351		XA407	11							16B	9		MD2310	02	MYA000X	01	1	DCF	A2		04B		
14654		XA513	11		XA407	13				16B	9		MD2320	01	MD2320	00	1	TD4	A1		05B		
09352		XA407	13							16B	9		MD2320	02	MYA010X	01	1	DCF	A4		05B		
14656		XA513	09		XA407	08				16B	9		MD2330	01	MD2330	00	1	TD4	A2		04B		
17546		XA407	08							16B	9		MD2330	02	MYA020X	01	1	DCF	A6		06A		
14658		XA515	06		XA407	04				16B	9		MD2340	01	MD2340	00	1	TQ2	A1		05A		
										****	SIGNAL		MD2340		IS ON THE			NEXT PAGE		****			



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MD2450

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

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	CL	PREFIX	CONNECTOR	PIN	CL	MULTI GROUP	CODE	COLOR	IDENT											
14696 09391		XA513	23		XA407	74			168	9			MD2450	01	MD2450	00	1	TD4	B1		11B		
		XA407	74						168	9			MD2450	02	MYA140X	01	1	DCF	D6		37A		
14698 09387		XA513	21		XA407	70			168	9			MD2460	01	MD2460	00	1	TD4	B2		10B		
		XA407	70						168	9			MD2460	02	MYA150X	01	1	DCF	D8		35A		
14700 09904		XA513	35		XA506	11			168	9			MD2470	01	MD2470	00	1	TD4	C1		17B		
		XA506	11						168	9			MD2470	02	MYA160X	01	1	DCF	A2		04B		
14752 09905		XA512	59		XA506	13			168	9			MD2480	01	MD2480	00	1	TS8	E1		31B		
		XA506	13						168	9			MD2480	02	MYA170X	01	1	DCF	A4		05B		
14704 17239		XA514	50		XA506	08			168	9			MD2490	01	MD2490	00	1	T13	D1		23A		
		XA506	08						168	9			MD2490	02	MYA180X	01	1	DCF	A6		06A		
14708 14709 14710		XA521	36		XA517	29			168	9			MD258P	01	MP038A	01	1	TQ2	C2		17A		
		XA519	29		XA422	47			168	9			MD258P	02	MD126A	01	1	TQ2	C3		14B		
		XA422	47						168	9			MD258P	03	MD258P	00	1	T00	GP		25B		
22257		XA401	43		XA323	19			168	9			MD258Q	01				EXT					
14712		XA323	19		XA422	49			168	9			MD258Q	02	DM2530	01	2	TLD	B3		09B		
14713		XA422	49		XA521	40			168	9			MD258Q	03	MD258Q	00	1	TDD	GQ		26B		
14714		XA521	40		XA516	47			168	9			MD258Q	04	MP037A	01	2	TQ2	C1		19A		
14715		XA516	47						168	9			MD258Q	05	MD204A	01	1	TQ2	D4		25B		
14716 14717		XA422	54		XA415	01			168	9			MD2510	01	MD258I	01	1	TDD	G1		25A		
		XA415	01						168	9			MD2510	02	MD2510	00	1	TQ2	A2		02B		
14718 09901		XA514	43		XA506	04			168	9			MD2500	01	MD2500	00	1	T13	D2		23B		
		XA506	04						168	9			MD2500	02	MYA190X	01	1	DCF	A8		04A		
14720 09913		XA512	11		XA506	31			168	9			MD2510	01	MD2510	00	1	TS8	A1		05B		
		XA506	31						168	9			MD2510	02	MYA200X	01	1	DCF	B2		12B		
14722 15796		XA512	23		XA506	33			168	9			MD2520	01	MD2520	00	1	TS8	B1		11B		
		XA506	33						168	9			MD2520	02	MYA210X	01	1	DCF	B4		13B		
14724 09915		XA512	35		XA506	38			168	9			MD2530	01	MD2530	00	1	TS8	C1		17B		
		XA506	38						168	9			MD2530	02	MYA220X	01	1	DCF	B6		14A		
14726 15829		XA512	47		XA506	34			168	9			MD2540	01	MD2540	00	1	TS8	D1		25B		
		XA506	34						168	9			MD2540	02	MYA230X	01	1	DCF	B8		12A		
14728 09924		XA513	47		XA506	49			168	9			MD2550	01	MD2550	00	1	T04	D1		25B		
		XA506	49						168	9			MD2550	02	MYA240X	01	1	DCF	C2		27B		
14730 09926		XA513	45		XA506	51			168	9			MD2560	01	MD2560	00	1	T04	D2		24B		
		XA506	51						168	9			MD2560	02	MYA250X	01	1	DCF	C4		28B		

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RECORD NUMBER	FROM				TO				WIRE				SPEC. INST. MISC.	SIGNAL	SEQ NO.	EQUATION	TURN	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												
09928		XA506	54							16B	9		MD2570	02	MYA260X	01	1	DCF	C6		30A			
14734		XA513	57		XA506	50				16B	9		MD2580	01	MD2580	00	1	TD4	E2		30B			
09925		XA506	50							16B	9		MD2580	02	MYA270X	01	1	DCF	C8		28A			
14736		XA513	76		XA506	71				16B	9		MD2590	01	MD2590	00	1	TD4	F1		37A			
09941		XA506	71							16B	9		MD2590	02	MYA280X	01	1	DCF	D2		34B			
14740		XA521	37		XA423	47				16B	9		MD268P	01	MP041A	01	2	TQ2	C4		18B			
14741		XA423	47							16B	9		MD268P	02	MD268P	00	1	TDD	GP		25B			
22259		XA401	45		XA323	20				16B	9		MD268Q	00				EXT						
14742		XA323	20		XA423	49				16B	9		MD268Q	01	DM263D	01	1	TLB	B2		11A			
14743		XA423	49		XA521	29				16B	9		MD268Q	02	MD268Q	00	1	TDD	GQ		26B			
14744		XA521	29		XA516	61				16B	9		MD268Q	03	MP040A	01	1	TQ2	C3		14B			
14745		XA516	61		XA516	65				16B	9		MD268Q	04	MD208A	01	2	TQ2	E4		32B			
14746		XA516	65							16B	9		MD268Q	05	MD211A	01	1	TQ2	F3		34B			
14748		XA423	54		XA415	09				16B	9		MD2610	01	MD268T	01	1	TDD	G1		25A			
14749		XA415	09							16B	9		MD2610	02	MD2610	00	1	TQ2	A3		04B			
14750		XA513	69		XA506	73				16B	9		MD2600	01	MD2600	00	1	TD4	F2		35A			
09943		XA506	73							16B	9		MD2600	02	MYA290X	01	1	DCF	D4		35B			
14702		XA513	33		XA506	74				16B	9		MD2610	01	MD2610	00	1	TD4	C2		16B			
09944		XA506	74							16B	9		MD2610	02	MYA300X	01	1	DCF	D6		37A			
14754		XA514	51		XA506	70				16B	9		MD2620	01	MD2620	00	1	TT3	D3		27B			
0994C		XA506	70							16B	9		MD2620	02	MYA310X	01	1	DCF	D8		35A			
14756		XA536	37		XA536	43				16B	9		MD263A	01	MD2640	01	2	TQ2	C4		18B			
14757		XA536	43		XA536	48				16B	9		MD263A	02	MD2670	01	2	TQ2	D3		23B			
14758		XA536	48		XA535	66				16B	9		MD263A	03	MD2660	01	2	TQ2	D2		22A			
14760		XA535	66		XA529	72				16B	9		MD263A	05	MD263A	00	1	TQ2	E1		31A			
14761		XA529	72							16B	9		MD263A	06	MD2650	01	3	TD4	F2		34A			
14762		XA536	39		XA519	13				16B	9		MD2640	01	MD2640	00	1	TQ2	C4		19B			
14763		XA519	13		XA519	10				16B	9		MD2640	02	MD119A	01	2	TQ2	A4		06B			
14764		XA519	10		XA519	23				16B	9		MD2640	03	MD116A	01	1	TQ2	A1		07A			
14765		XA519	23		XA519	35				16B	9		MD2640	04	MD123A	01	1	TQ2	B4		11B			
14766		XA519	35		XA519	50				16B	9		MD2640	05	MD127A	01	1	TQ2	C4		17B			
14767		XA519	50		XA519	49				16B	9		MD2640	06	MD130A	01	1	TQ2	D2		23A			
14768		XA519	49							16B	9		MD2640	07	MD132A	01	2	TQ2	D4		26B			
14771		XA529	69		XA519	76				16B	9		MD2650	01	MD2650	00	1	TD4	F2		35A			
14772		XA519	76		XA518	71				16B	9		MD2650	02	MD140A	01	1	TQ2	F4		37A			
14773		XA518	71		XA518	64				16B	9		MD2650	03	MD162A	01	2	TQ2	F2		36A			
14774		XA518	64		XA518	43				16B	9		MD2650	04	MD158A	01	1	TQ2	E2		30A			
14775		XA518	43		XA518	42				16B	9		MD2650	05	MD155A	01	2	TQ2	D3		23B			
14776		XA518	42		XA518	37				16B	9		MD2650	06	MD149A	01	1	TQ2	C1		20A			
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
14777		XA518	37		XA518	20				168	9		MD2650	07	MD152A	01	2	TQ2	C4		18B		
14778		XA518	20		XA518	07				168	9		MD2650	08	MD146A	01	1	TQ2	B2		11A		
14779		XA518	07		XA519	64				168	9		MD2650	09	MD143A	01	2	TQ2	A3		03A		
14769		XA519	64		XA519	77				168	9		MD2650	10	MD134A	01	1	TQ2	E2		30A		
14770		XA519	77							168	9		MD2650	11	MD137A	01	2	TQ2	F1		38B		
14780		XA536	46		XA517	04				168	9		MD2660	01	MD2660	00	1	TQ2	D2		21A		
14781		XA517	04		XA516	05				168	9		MD2660	02	MD166A	01	1	TQ2	A2		04A		
14782		XA516	05		XA516	17				168	9		MD2660	03	MD190A	01	2	TQ2	A2		03B		
14783		XA516	17		XA517	20				168	9		MD2660	04	MD195A	01	1	TQ2	B3		08B		
14784		XA517	20		XA517	36				168	9		MD2660	05	MD170A	01	1	TQ2	B2		11A		
14785		XA517	36		XA517	47				168	9		MD2660	06	MD174A	01	1	TQ2	C2		17A		
14786		XA517	47		XA517	56				168	9		MD2660	07	MD180A	01	1	TQ2	D4		25B		
14787		XA517	56		XA517	77				168	9		MD2660	08	MD177A	01	1	TQ2	D1		26A		
14788		XA517	77							168	9		MD2660	09	MD185A	01	2	TQ2	F1		38B		
14789		XA536	45		XA516	76				168	9		MD2670	01	MD2670	00	1	TQ2	D3		24B		
14790		XA516	76		XA516	59				168	9		MD2670	02	MD212A	01	1	TQ2	F4		37A		
14791		XA516	59		XA515	53				168	9		MD2670	03	MD208A	01	1	TQ2	E4		31B		
14792		XA515	53		XA516	49				168	9		MD2670	04	MD228A	01	1	TQ2	E3		28B		
14793		XA516	49		XA515	41				168	9		MD2670	05	MD204A	01	2	TQ2	D4		26B		
14794		XA515	41		XA516	35				168	9		MD2670	06	MD224A	01	1	TQ2	D3		22B		
14795		XA516	35		XA515	29				168	9		MD2670	07	MD200A	01	1	TQ2	C4		17B		
14796		XA515	29		XA515	19				168	9		MD2670	08	MD220A	01	1	TQ2	C3		14B		
14797		XA515	19							168	9		MD2670	09	MD216A	01	2	TQ2	B3		09B		
14798		XA535	60		XA519	71				168	9		MD2690	01	MD2690	00	1	TQ2	E2		28A		
14799		XA519	71		XA519	70				168	9		MD2690	02	MD138A	01	2	TQ2	F2		36A		
14800		XA519	70		XA519	55				168	9		MD2690	03	MD133A	01	1	TQ2	E1		33A		
14801		XA519	55		XA519	56				168	9		MD2690	04	MD135A	01	2	TQ2	E3		29B		
14802		XA519	56		XA519	43				168	9		MD2690	05	MD128A	01	1	TQ2	D1		26A		
14803		XA519	43		XA519	40				168	9		MD2690	06	MD131A	01	2	TQ2	D3		23B		
14804		XA519	40		XA519	26				168	9		MD2690	07	MD124A	01	2	TQ2	C1		19A		
14805		XA519	26		XA519	04				168	9		MD2690	08	MD120A	01	1	TQ2	B1		14A		
14806		XA519	04							168	9		MD2690	09	MD117A	01	1	TQ2	A2		04A		
14809		XA521	35		XA424	47				168	9		MD278P	01	MP041A	01	1	TQ2	C4		17B		
14810		XA424	47							168	9		MD278P	02	MD278P	00	1	TDD	GP		25B		
22261		XA401	47		XA323	26				168	9		MD278Q	01				EXT					
14812		XA323	26		XA424	49				168	9		MD278Q	02	DM273D	01	1	TLD	B1		24A		
14813		XA424	49		XA515	18				168	9		MD278Q	03	MD278Q	00	1	TDD	GQ		26B		
14814		XA515	18		XA521	31				168	9		MD278Q	04	MD215A	01	2	TQ2	B2		10A		
14815		XA521	31		XA516	78				168	9		MD278Q	05	MP040A	01	2	TQ2	C3		15B		
14816		XA516	78							168	9		MD278Q	06	MD212A	01	2	TQ2	F4		38A		
14817		XA424	54		XA415	15				168	9		MD2710	01	MD2781	01	1	TDD	G1		25A		
14818		XA415	15							168	9		MD2710	02	MD2710	00	1	TQ2	A4		07B		
14819		XA536	66		XA518	65				168	9		MD2700	01	MD2700	00	1	TQ2	E1		31A		
										****	SIGNAL		MD2700		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
14820		XA518	65		XA518	55			16B	9		MD2700	02	MD163A	01	1	TQ2	F3		34B		
14821		XA518	55		XA518	56			16B	9		MD2700	03	MD159A	01	2	TQ2	E3		29B		
14822		XA518	56		XA518	49			16B	9		MD2700	04	MD153A	01	1	TQ2	D1		26A		
14823		XA518	49		XA518	36			16B	9		MD2700	05	MD156A	01	2	TQ2	D4		26B		
14824		XA518	36		XA518	19			16B	9		MD2700	06	MD150A	01	1	TQ2	C2		17A		
14825		XA518	19		XA518	10			16B	9		MD2700	07	MD147A	01	2	TQ2	B3		09B		
14826		XA518	10		XA518	13			16B	9		MD2700	08	MD141A	01	1	TQ2	A1		07A		
14827		XA518	13						16B	9		MD2700	09	MD144A	01	2	TQ2	A4		06B		
14828		XA536	60		XA517	73			16B	9		MD2710	01	MD2710	00	1	TQ2	E2		28A		
14829		XA517	73		XA517	70			16B	9		MD2710	02	MD186A	01	1	TQ2	F2		36B		
14830		XA517	70		XA517	50			16B	9		MD2710	03	MD181A	01	1	TQ2	E1		33A		
14831		XA517	50		XA517	31			16B	9		MD2710	04	MD178A	01	1	TQ2	D2		23A		
14832		XA517	31		XA516	25			16B	9		MD2710	05	MD175A	01	2	TQ2	C3		15B		
14833		XA516	25		XA517	17			16B	9		MD2710	06	MD196A	01	2	TQ2	B4		12B		
14834		XA517	17		XA517	07			16B	9		MD2710	07	MD171A	01	1	TQ2	B3		08B		
14835		XA517	07		XA516	07			16B	9		MD2710	08	MD167A	01	2	TQ2	A3		03A		
14836		XA516	07						16B	9		MD2710	09	MD191A	01	2	TQ2	A3		03A		
14837		XA536	57		XA516	77			16B	9		MD2720	01	MD2720	00	1	TQ2	E3		30B		
14838		XA516	77		XA516	70			16B	9		MD2720	02	MD209A	01	2	TQ2	F1		38B		
14839		XA516	70		XA515	61			16B	9		MD2720	03	MD205A	01	1	TQ2	E1		33A		
14840		XA515	61		XA516	56			16B	9		MD2720	04	MD229A	01	2	TQ2	E4		32B		
14841		XA516	56		XA515	47			16B	9		MD2720	05	MD201A	01	1	TQ2	D1		26A		
14842		XA515	47		XA515	35			16B	9		MD2720	06	MD225A	01	1	TQ2	D4		25B		
14843		XA515	35		XA515	23			16B	9		MD2720	07	MD221A	01	1	TQ2	C4		17B		
14844		XA515	23		XA515	13			16B	9		MD2720	08	MD217A	01	1	TQ2	B4		11B		
14845		XA515	13						16B	9		MD2720	09	MD213A	01	2	TQ2	A4		06B		
14846		XA536	76		XA531	72			16B	9		MD279A	01	MD2800	01	1	TQ2	F4		37A		
14847		XA531	72		XA529	57			16B	9		MD279A	02	MC0870	01	2	TT3	F2		34A		
14848		XA529	57		XA433	73			16B	9		MD279A	03	MD279A	00	1	TD4	E2		30B		
14849		XA433	73						16B	9		MD279A	04	MD2810	01	1	TQ2	F2		36B		
14852		XA521	48		XA421	45			16B	9		MD288P	01	MPO44A	01	2	TQ2	D2		22A		
14853		XA421	45						16B	9		MD288P	02	MD288P	00	1	TDD	HP		24B		
22263		XA401	49		XA323	13			16B	9		MD288Q	01				EXT					
14855		XA323	13		XA421	43			16B	9		MD288Q	02	DM283D	01	2	TLD	A4		06B		
14856		XA421	43		XA515	17			16B	9		MD288Q	03	MD288Q	00	1	TDD	HQ		23B		
14857		XA515	17		XA515	36			16B	9		MD288Q	04	MD216A	01	1	TQ2	B3		08B		
14858		XA515	36		XA521	54			16B	9		MD288Q	05	MD219A	01	1	TQ2	C2		17A		
14859		XA521	54						16B	9		MD288Q	06	MPO43A	01	2	TQ2	D1		25A		
14860		XA421	48		XA415	22			16B	9		MD2810	01	MD288I	01	1	TDD	HI		22A		
14861		XA415	22						16B	9		MD2810	02	MD2810	00	1	TQ2	B1		12A		
14862		XA424	46		XA423	46			16B	9		MD28NA	01	MD318N	01	1	TDD	HN		21A		
14863		XA423	46		XA422	46			16B	9		MD28NA	02	MD308N	01	1	TDD	HN		21A		
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MD28NA

STRING

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

FILE IDENT T39B2CP1

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	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
14864		XA422	46		XA421	46			168	9			MD28NA	03	MD29BN	01	1	TDD	HN		21A		
14865		XA421	46		XA420	45			168	9			MD28NA	04	MD288N	01	1	TDD	HN		21A		
14866		XA420	45						168	9			MD28NA	05	MD28NA	00	1	YD4	D2		24B	MD2831 CLOCK	
14867		XA536	80		XA517	65			168	9			MD2800	01	MD2800	00	1	TQ2	F4		39A		
14869		XA517	65		XA517	64			168	9			MD2800	03	MD187A	01	1	TQ2	F3		34B		
14870		XA517	64		XA519	31			168	9			MD2800	04	MD182A	01	1	TQ2	E2		30A		
14872		XA519	31		XA519	17			168	9			MD2800	06	MD126A	01	2	TQ2	C3		15B		
14875		XA519	17		XA410	41			168	9			MD2800	09	MD122A	01	1	TQ2	B3		08B		
17805		XA410	41		XA410	49			168	9			MD2800	10	MD287A	01	1	TQ2	D3		22B		
17825		XA410	49						168	9			MD2800	11	MD288A	01	2	TQ2	D4		26B		
14876		XA515	79		XA516	74			168	9			MD2810	01	MD230A	01	1	TQ2	F1		39B		
14877		XA516	74		XA515	62			168	9			MD2810	02	MD211A	01	2	TQ2	F3		35B		
14878		XA515	62		XA515	50			168	9			MD2810	03	MD227A	01	2	TQ2	E2		29A		
14879		XA515	50		XA516	42			168	9			MD2810	04	MD223A	01	1	TQ2	D2		23A		
14880		XA516	42		XA515	34			168	9			MD2810	05	MD197A	01	1	TQ2	C1		20A		
14881		XA515	34		XA515	20			168	9			MD2810	06	MD219A	01	2	TQ2	C2		16A		
14882		XA515	20		XA516	13			168	9			MD2810	07	MD215A	01	1	TQ2	B2		11A		
14883		XA516	13		XA433	72			168	9			MD2810	08	MD192A	01	2	TQ2	A4		06B		
14884		XA433	72						168	9			MD2810	09	MD2810	00	1	TQ2	F2		34A		
14885		XA529	45		XA433	74			168	9			MD282A	01	MD282A	00	1	TD4	D2		24B		
14886		XA433	74						168	9			MD282A	02	MD2830	01	2	TQ2	F3		35B		
14887		XA517	61		XA516	53			168	9			MD2830	01	MD184A	01	2	TQ2	E4		32B		
14888		XA516	53		XA516	41			168	9			MD2830	02	MD207A	01	1	TQ2	E3		28B		
14889		XA516	41		XA516	29			168	9			MD2830	03	MD203A	01	1	TQ2	D3		22B		
14890		XA516	29		XA516	20			168	9			MD2830	04	MD199A	01	1	TQ2	C3		14B		
14891		XA516	20		XA516	10			168	9			MD2830	05	MD194A	01	1	TQ2	B2		11A		
14892		XA516	10		XA433	69			168	9			MD2830	06	MD189A	01	1	TQ2	A1		07A		
14893		XA433	69						168	9			MD2830	07	MD2830	00	1	TQ2	F3		35A		
14894		XA536	06		XA537	75			168	9			MD2840	01	MD2840	00	1	TQ2	A1		05A		
14895		XA537	75						168	9			MD2840	02	MK06NA	01	3	TS8	F1		37B		
14896		XA535	51		XA536	08			168	9			MD286A	01	MD286A	00	1	TQ2	D4		27B		
14897		XA536	08						168	9			MD286A	02	MD2840	01	2	TQ2	A1		06A		
14898		XA533	48		XA535	47			168	9			MD2860	01	MK06B1	01	1	TDD	HI		22A		
14899		XA535	47		XA537	59			168	9			MD2860	02	MD286A	01	1	TQ2	D4		25B		
14900		XA537	59						168	9			MD2860	03	MD2860	00	1	TS8	E1		31B		
21188		XA410	45		XA419	08			168	9			MD287A	01	MD287A	00	1	TQ2	D3		24B		
17779		XA419	08						168	9			MD287A	02	MD2870	01	2	TQ2	A1		06A		
21206		XA419	06		XA517	08			168	9			MD2870	01	MD2870	00	1	TQ2	A1		05A		
14874		XA517	08		XA517	24			168	9			MD2870	02	MD165A	01	2	TQ2	A1		06A		
14873		XA517	24		XA517	40			168	9			MD2870	03	MD169A	01	2	TQ2	B1		13A		
14871		XA517	40		XA518	77			168	9			MD2870	04	MD173A	01	2	TQ2	C1		19A		
									****		SIGNAL		MD2870		IS ON THE		NEXT PAGE		****				



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MD8270

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	PREFIX	CONNECTOR	PIN	ZONE	PREFIX	CONNECTOR	PIN	ZONE	MULTI GROUP	CODE	COLOR	IDENT												IDENT	
14868		XA518	77							168	9		MD2870	05	MD161A	01	2	TQ2	F1		38B				
21190		XA410	51		XA529	73				168	9		MD288A	01	MD288A	00	1	TQ2	D4		27B				
17369		XA529	73		XA536	50				168	9		MD288A	02	MD2650	01	1	TD4	F2		36B				
17424		XA536	50							168	9		MD288A	03	MD2660	01	1	TQ2	D2		23A				
14903		XA521	50		XA422	45				168	9		MD298P	01	MP044A	01	1	TQ2	D2		23A				
14904		XA422	45							168	9		MD298P	02	MD298P	00	1	TDD	HP		24B				
22265		XA401	51		XA323	07				168	9		MD298Q	01				EXT							
14906		XA323	07		XA422	43				168	9		MD298Q	02	DM293D	01	2	TLD	A3		03A				
14907		XA422	43		XA515	31				168	9		MD298Q	03	MD298Q	00	1	TDD	HQ		23B				
14908		XA515	31		XA515	48				168	9		MD298Q	04	MD220A	01	2	TQ2	C3		15B				
14909		XA515	48		XA521	56				168	9		MD298Q	05	MD223A	01	2	TQ2	D2		22A				
14910		XA521	56							168	9		MD298Q	06	MP043A	01	1	TQ2	D1		26A				
14911		XA422	48		XA415	14				168	9		MD2910	01	MD298I	01	1	TDD	HI		22A				
14912		XA415	14							168	9		MD2910	02	MD2910	00	1	TQ2	B2		09A				
14915		XA521	49		XA423	45				168	9		MD308P	01	MP047A	01	2	TQ2	D4		26B				
14916		XA423	45							168	9		MD308P	02	MD308P	00	1	TDD	HP		24B				
22267		XA401	53		XA323	04				168	9		MD308Q	01				EXT							
14918		XA323	04		XA423	43				168	9		MD308Q	02	DM303D	01	1	TLD	A2		04A				
14919		XA423	43		XA521	43				168	9		MD308Q	03	MD308Q	00	1	TDD	HQ		23B				
14920		XA521	43		XA515	43				168	9		MD308Q	04	MP046A	01	2	TQ2	D3		23B				
14921		XA515	43		XA515	64				168	9		MD308Q	05	MD224A	01	2	TQ2	D3		23B				
14922		XA515	64							168	9		MD308Q	06	MD227A	01	1	TQ2	E2		30A				
14923		XA423	48		XA415	21				168	9		MD3010	01	MD308I	01	1	TDD	HI		22A				
14924		XA415	21							168	9		MD3010	02	MD3010	00	1	TQ2	B3		10B				
14927		XA521	47		XA424	45				168	9		MD318P	01	MP047A	01	1	TQ2	D4		25B				
14928		XA424	45							168	9		MD318P	02	MD318P	00	1	TDD	HP		24B				
22269		XA401	55		XA323	10				168	9		MD318Q	01				EXT							
14930		XA323	10		XA424	43				168	9		MD318Q	02	DM313D	01	1	TLD	A1		07A				
14931		XA424	43		XA521	41				168	9		MD318Q	03	MD318Q	00	1	TDD	HQ		23B				
14932		XA521	41		XA515	55				168	9		MD318Q	04	MP046A	01	1	TQ2	D3		27B				
14933		XA515	55		XA515	77				168	9		MD318Q	05	MD228A	01	2	TQ2	E3		29B				
14934		XA515	77							168	9		MD318Q	06	MD230A	01	2	TQ2	F1		38B				
14935		XA424	48		XA415	27				168	9		MD311C	01	MD318I	01	1	TDD	HI		22A				
14936		XA415	27							168	9		MD3110	02	MD3110	00	1	TQ2	B4		13B				
13912		XA507	37									J	MH0LDDX	01	MH0LDDX	00	1	DCF	B3		15B	YHLCDB BUSS			
14942		XA533	11		XA532	10				168	9		NK008P	01	NK008P	00	1	TDD	AP		05B				
14943		XA532	10							168	9		NK008P	02	NK018N	01	1	TDD	AN		07A				
													****	SIGNAL	(NK008Q)										

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

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	PREFIX	CONNECTOR	PIN	C #	PREFIX	CONNECTOR	PIN	C #	MULTI GROUP	CODE	COLOR	IDENT												
14944		XA535	11		XA533	13			168	9			MK00BQ	01	MK0010	01	1	TQ2	A4		05B			
14945		XA533	13						168	9			MK00BQ	02	MK00BQ	00	1	TDD	AQ		06B			
14946		XA535	15		XA533	08			168	9			MK0010	01	MK0010	00	1	TQ2	A4		07B			
14947		XA533	08						168	9			MK0010	02	MK00B1	01	1	TDD	AI		06A			
14948		XA532	11		XA533	01			168	9			MK01BP	01	MK01BP	00	1	TDD	AP		05B			
14949		XA533	01						168	9			MK01BP	02	MK02BN	01	1	TDD	BN		02B			
14950		XA532	13		XA535	26			168	9			MK01BQ	01	MK01BQ	00	1	TDD	AQ		06B			
14951		XA535	26		XA531	49			168	9			MK01BQ	02	MK0110	01	1	TQ2	B1		14A			
14952		XA531	49						168	9			MK01BQ	03	MC074A	01	3	TT3	D3		26B			
14953		XA535	22		XA532	08			168	9			MK0110	01	MK0110	00	1	TQ2	B1		12A			
14954		XA532	08						168	9			MK0110	02	MK01B1	01	1	TDD	AI		06A			
14955		XA533	09		XA532	01			168	9			MK02BP	01	MK02BP	00	1	TDD	BP		04B			
14956		XA532	01						168	9			MK02BP	02	MK03BN	01	1	TDD	BN		02B			
14957		XA533	07		XA535	18			168	9			MK02BQ	01	MK02BQ	00	1	TDD	BQ		03A			
14958		XA535	18		XA529	52			168	9			MK02BQ	02	MK0210	01	2	TQ2	B2		10A			
14959		XA529	52						168	9			MK02BQ	03	MNT0TA	01	3	T04	D1		24A			
14960		XA535	14		XA533	05			168	9			MK0210	01	MK0210	00	1	TQ2	B2		09A			
14961		XA533	05						168	9			MK0210	02	MK02B1	01	1	TDD	B1		03B			
14962		XA532	09		XA533	26			168	9			MK03BP	01	MK03BP	00	1	TDD	BP		04B			
14963		XA533	26						168	9			MK03BP	02	MK048N	01	1	TDD	CN		14A			
14964		XA532	07		XA535	19			168	9			MK03BQ	01	MK03BQ	00	1	TDD	BQ		03A			
14965		XA535	19		XA529	49			168	9			MK03BQ	02	MK0310	01	2	TQ2	B3		09B			
14966		XA529	49						168	9			MK03BQ	03	MNT0TA	01	4	T04	D1		26B			
14967		XA535	21		XA532	05			168	9			MK0310	01	MK0310	00	1	TQ2	B3		10B			
14968		XA532	05						168	9			MK0310	02	MK03B1	01	1	TDD	B1		03B			
14969		XA533	23		XA532	26			168	9			MK04BP	01	MK04BP	00	1	TDD	CP		11B			
14970		XA532	26						168	9			MK04BP	02	MK058N	01	1	TDD	CN		14A			
14971		XA535	23		XA533	25			168	9			MK04BQ	01	MK0410	01	1	TQ2	B4		11B			
14972		XA533	25		XA529	36			168	9			MK04BQ	02	MK04BQ	00	1	TDD	CQ		12B			
14973		XA529	36						168	9			MK04BQ	03	MNT0TA	01	1	T04	D1		26A			
14974		XA535	27		XA533	24			168	9			MK0410	01	MK0410	00	1	TQ2	B4		13B			
14975		XA533	24						168	9			MK0410	02	MK04B1	01	1	TDD	CI		13A			
14976		XA535	40		XA532	25			168	9			MK05BQ	01	MK0510	01	2	TQ2	C1		19A			
14977		XA532	25		XA529	54			168	9			MK05BQ	02	MK05BQ	00	1	TDD	CQ		12B			
14978		XA529	54						168	9			MK05BQ	03	MNT0TA	01	2	T04	D1		25A			
												****	SIGNAL	MK0510	IS ON THE NEXT PAGE				****					

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012 REV. E INDEX MK0510

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTORS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS (AND/OR)	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR												IDENT
14979		XA535	38			XA532	24						MK0510	01	MK0510	00	1	TQ2	C1		18A		
14980		XA532	24										MK0510	02	MK05BI	01	1	TDD	CI		13A		
14981		XA533	45			XA534	72						MK06BP	01	MK06BP	00	1	TDD	HP		24B		
14982		XA534	72										MK06BP	02	MP406A	01	6	TS8	F1		34A		
14983		XA537	04			XA533	43						MK06BQ	01	MP407A	01	4	TS8	A1		04A		
14984		XA533	43										MK06BQ	02	MK06BQ	00	1	TDD	HQ		23B		
14985		XA533	46			XA537	76						MK06NA	01	MK06BN	01	1	TDD	HN		21A		
14986		XA537	76										MK06NA	02	MK06NA	00	1	TS8	F1		37A		
14987		XA433	79			XA535	34						MK08BP	01	MK08Q0	01	1	TQ2	F1		39B		
14988		XA535	34			XA532	21						MK08BP	02	MC0640	01	2	TQ2	C2		16A		
14989		XA532	21										MK08BP	03	MK08BP	00	1	TDD	DP		10B		
14990		XA537	43			XA532	19						MK08BQ	01	MC062A	01	1	TS8	D1		23B		
14991		XA532	19										MK08BQ	02	MK08BQ	00	1	TDD	DQ		09B		
14992		XA433	75			XA532	36						MK08Q0	01	MK08Q0	00	1	TQ2	F1		37B		
14993		XA532	36			XA532	52						MK08Q0	02	MK12BP	01	1	TDD	FP		17A		
14994		XA532	52			XA533	36						MK08Q0	03	MK14BP	01	1	TDD	GP		24A		
14995		XA533	36			XA533	52						MK08Q0	04	MK13BP	01	1	TDD	FP		17A		
14996		XA533	52										MK08Q0	05	MK15BP	01	1	TDD	GP		24A		
14999		XA533	19			XA507	33						MK09BQ	01	MK09BQ	00	1	TDD	DQ		09B		
15843		XA507	33										MK09BQ	02	MH0LDOX	01	1	DCF	B4		13B		
15001		XA533	18			XA536	36						MK09IA	01	MK09BI	01	1	TDD	DI		10A		
15002		XA536	36			XA531	73						MK09IA	02	MC1010	01	1	TQ2	C2		17A		
15003		XA531	73										MK09IA	03	MK09IA	00	1	TT3	F1		36B		
15004		XA533	14			XA531	80						MK09NA	01	MK09BN	01	1	TDD	DN		09A		
15005		XA531	80										MK09NA	02	MK09NA	00	1	TT3	F3		39A		
15006		XA535	54			XA532	37						MK10BQ	01	MA005A	01	2	TQ2	D1		25A		
15007		XA532	37			XA529	48						MK10BQ	02	MK10BQ	00	1	TDD	EQ		18B		
15008		XA529	48			XA529	60						MK10BQ	03	MD282A	01	2	TD4	O2		22A		
15009		XA529	60			XA529	61						MK10BQ	04	MD279A	01	3	TD4	E2		28A		
15010		XA529	61			XA412	78						MK10BQ	05	MB000A	01	4	TD4	E1		32B		
17799		XA412	78										MK10BQ	06		01	4	TD4	F1		38A		803
15013		XA535	78			XA534	73						MK11BP	01	MMPE00	01	2	TQ2	F4		38A		
15014		XA534	73			XA531	54						MK11BP	02	MP406A	01	4	TS8	F1		36B		
15015		XA531	54			XA533	35						MK11BP	03	MP401A	01	2	TT3	D1		25A		
15016		XA533	35										MK11BP	04	MK11BP	00	1	TDD	EP		17B		
15017		XA535	65			XA533	37						MK11BQ	01	MMPE00	01	1	TQ2	F3		34B		
15018		XA533	37			XA531	46						MK11BQ	02	MK11BQ	00	1	TDD	EQ		18B		
15019		XA531	46										MK11BQ	03	MP400A	01	2	TT3	O2		21A		

DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

UNIT ASSEMBLY NO. 149012 REV. E INDEX MK11BQ

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

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT														
15020		XA535	75		XA533	42				168	9		MK11NA	01	MK11NA	00	1	TQ2	F1		37B					
15021		XA533	42							168	9		MK11NA	02	MK118N	01	1	TDD	EN		20A					
15022		XA537	46		XA533	34				168	9		MK12BQ	01	MC062A	01	2	TS8	D1		21A					
15023		XA533	34		XA532	31				168	9		MK12BQ	02	MK138I	01	1	TDD	F1		18A					
15024		XA532	31							168	9		MK12BQ	03	MK12BQ	00	1	TDD	FQ		15B					
15025		XA533	31		XA532	54				168	9		MK13BQ	01	MK13BQ	00	1	TDD	FQ		15B					
15026		XA532	54							168	9		MK13BQ	02	MK148I	01	1	TDD	G1		25A					
15028		XA533	54		XA532	49				168	9		MK14BQ	01	MK158I	01	1	TDD	G1		25A					
15029		XA532	49							168	9		MK14BQ	02	MK148Q	00	1	TDD	GQ		26B					
15030		XA537	48		XA533	47				168	9		MK15BP	01	MC062A	01	3	TS8	D1		22A					
15031		XA533	47							168	9		MK15BP	02	MK15BP	00	1	TDD	GP		25B					
15033		XA535	55		XA532	43				168	9		MK16BQ	01	MC119A	01	2	TQ2	E3		29B					
15034		XA532	43		XA531	09				168	9		MK16BQ	02	MK16BQ	00	1	TDD	HQ		23B					
15035		XA531	09		XA528	71				168	9		MK16BQ	03	MC045A	01	1	TT3	A3		04B					
15036		XA528	71		XA512	75				168	9		MK16BQ	04	MC044A	01	2	TQ2	F2		36A					
15037		XA512	75							168	9		MK16BQ	05	CSE00A	01	3	TS8	F1		37B					
15038		XA532	46		XA528	80				168	9		MK16NA	01	MK168N	01	1	TDD	HN		21A					
15039		XA528	80		XA523	72				168	9		MK16NA	02	MK16NA	00	1	TQ2	F4		39A					
15040		XA523	72							168	9		MK16NA	03	MC0400	01	2	TT3	F2		34A					
15041		XA528	59		XA530	23				168	9		MMAELA	01	MMAELJ	01	1	TQ2	E4		31B					
15042		XA530	23		XA525	19				168	9		MMAELA	02	MMAELA	00	1	TS8	B1		11B					
15043		XA525	19							168	9		MMAELA	03	MC0500	01	4	TD4	B2		09B					
21972		XA502	53		XA528	48				168	9		MMAGRA	01				EXT								
15045		XA528	48		XA529	11				168	9		MMAGRA	02	MMAGRO	01	2	TQ2	D2		22A					
15046		XA529	11							168	9		MMAGRA	03	MMAGRA	00	1	TD4	A1		05B					
21975		XA502	51		XA528	46				168	9		MMAGRO	01				EXT					TO BAY 2			
15052		XA528	46							168	9		MMAGRO	02	MMAGRO	00	1	TQ2	D2		21A					
15053		XA536	42		XA526	59				168	9		MMALLA	01	MC0930	01	1	TQ2	C1		20A		C06			
15055		XA526	59		XA525	18				168	9		MMALLA	03	MMALLA	00	1	TS8	E1		31B					
15056		XA525	18							168	9		MMALLA	04	MC0500	01	2	TD4	B2		10A					
15057		XA528	47		XA526	47				168	9		MMAPAA	01	MMAPAO	01	1	TQ2	D4		25B					
15058		XA526	47		XA525	14				168	9		MMAPAA	02	MMAPAA	00	1	TS8	D1		25B					
15059		XA525	14							168	9		MMAPAA	03	MC0500	01	3	TD4	B2		09A					
15061		XA528	41		XA529	09				168	9		MMAPCA	02	MMAPCO	01	1	TQ2	D3		22B					
15062		XA529	09							168	9		MMAPCA	03	MMAPCA	00	1	TD4	A2		04B					
													****	SIGNAL	MMAPCO	S ON THE NEXT PAGE										****

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERMIN	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													
17710		XA213	25		XA224	74				16B	9		MMAPCO	00	MC122A	01	2	TQ2	B4		12B		C06		
17701		XA224	74		XA501	21				16B	9		MMAPCO	001	MC121A	01	2	TQ2	F3		35B		C06		
21583		XA501	21		XA528	45				16B	9		MMAPCO	01				EXT							
15068		XA528	45							16B	9		MMAPCO	02	MMAPCO	00	1	TQ2	D3			24B			
21983		XA501	27		XA528	53				16B	9		MMAQRA	01				EXT							
15070		XA528	53		XA530	11				16B	9		MMAQRA	02	MMAQRO	01	1	TQ2	E3			28B			
15071		XA530	11							16B	9		MMAQRA	03	MMAQRA	00	1	TS8	A1			05B			
21976		XA501	25		XA528	57				16B	9		MMAQRO	01				EXT							
15077		XA528	57							16B	9		MMAQRO	02	MMAQRO	00	1	TQ2	E3			30B			
21987		XA501	31		XA528	62				16B	9		MMAQTA	01				EXT							
15080		XA528	62		XA530	76				16B	9		MMAQTA	03	MMAQTO	01	2	TQ2	E2			29A		C06	
15081		XA530	76										MMAQTA	04	MMAQTA	00	1	TS8	F1			37A		C06	
21980		XA501	29		XA528	60				16B	9		MMAQTO	01				EXT							
15088		XA528	60		XA531	23				16B	9		MMAQTO	02	MMAQTO	00	1	TQ2	E2			28A			
15089		XA531	23		XA534	34				16B	9		MMAQTO	03	MC068A	01	2	TT3	B3			11B			
15090		XA534	34							16B	9		MMAQTO	04	MC059A	01	5	TS8	C1			16A			
15091		XA531	07		XA534	22				16B	9		MMASPA	01	MMASPA	00	1	TT3	A2			09A			
15092		XA534	22		XA530	52				16B	9		MMASPA	02	MC058A	01	3	TS8	B1			12A			
15093		XA530	52		XA530	60				16B	9		MMASPA	03	MC055A	01	3	TS8	D1			24A			
15094		XA530	60		XA534	61				16B	9		MMASPA	04	MC056A	01	6	TS8	E1			28A			
15095		XA534	61		XA521	71				16B	9		MMASPA	05	MC066A	01	8	TS8	E1			32B			
15096		XA521	71		XA501	35				16B	9		MMASPA	06	MMASPO	01	2	TQ2	F2			36A			
21991		XA501	35							16B	9		MMASPA	07				EXT							
21984		XA501	33		XA521	72				16B	9		MMASPO	01				EXT							
15103		XA521	72		XA531	60				16B	9		MMASPO	02	MMASPO	00	1	TQ2	F2			34A			
15104		XA531	60							16B	9		MMASPO	03	MC095A	01	2	TT3	E2			28A			
15105		XA537	08		XA531	14				16B	9		MMMOQO	01	MP407A	01	2	TS8	A1			06A			
15106		XA531	14		XA529	31				16B	9		MMMOQO	02	MC065A	01	2	TT3	B2			09A			
15107		XA529	31		XA531	42				16B	9		MMMOQO	03	MP408A	01	4	TD4	C2			15B			
15108		XA531	42		XA534	74				16B	9		MMMOQO	04	MC075A	01	1	TT3	C1			20A			
15109		XA534	74		XA535	68				16B	9		MMMOQO	05	MP406A	01	7	TS8	F1			35B			
15110		XA535	68		XA536	52				16B	9		MMMOQO	06	MD263A	01	2	TQ2	E1			32A			
15111		XA536	52							16B	9		MMMOQO	07	MMMOQO	00	1	TQ2	D1			24A			
23234		XA502	72		XA535	67				ZN	1EB	0	MMPEEG	01				EXT							
23235		XA535	67							ZN	1EB	0	MMPEEG	02				TQ2					40A		
21653		XA502	71		XA535	80				ZN	1EB	9	MMPEEO	01				EXT							
15114		XA535	80							16B	9		MMPEEO	02	MMPEEO	00	1	TQ2	F4			39A			
23236		XA502	74		XA535	67				ZP	1EB	0	MMPEOG	01				EXT							
23237		XA535	67							ZP	1EB	0	MMPEOG	02				TQ2					40A		
													****	SIGNAL	MMPEEO										S ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
21650		XA502	73			XA535	69		ZP	16B	9		MMPE00	01					EXT					
15119		XA535	69							16B	9		MMPE00	02	MMPE00	00	1	TQ2	F3			35A		
09955		XA507	23										J	MMRSTD	01	MMRSTD	00	1	DCF	B7			10A	YMR5DB BUSS
15125		XA536	04			XA529	47			16B	9		MMTOTA	01	MMTOTA	01	1	TQ2	A2			04A		
15126		XA529	47							16B	9		MMTOTA	02	MMTOTA	00	1	TQ4	D1			25B		
21993		XA501	41			XA531	45			16B	9		MMTOTA	01				EXT						
15130		XA531	45			XA536	01			16B	9		MMTOTA	02	MC074A	01	1	TT3	D3			24B		
15131		XA536	01							16B	9		MMTOTA	03	MMTOTA	00	1	TQ2	A2			02B		
15132		XA533	40			XA508	57			16B	9		MPARTA	01	HK1181	01	1	TDD	E1			19A		
10024		XA508	57							16B	9		MPARTA	02	MPARTA	00	1	TQ2	E3			30B		
15146		XA523	01			XA522	06			16B	9		MP0000	01	MP102A	01	2	TT3	A2			02B		
15147		XA522	06							16B	9		MP0000	02	MP0000	00	1	TQ2	A1			05A	P0001	
15148		XA523	10			XA522	10			16B	9		MP001A	01	MP101A	01	1	TT3	A1			07A		
15149		XA522	10			XA520	06			16B	9		MP001A	02	MP0000	01	1	TQ2	A1			07A		
15150		XA520	06							16B	9		MP001A	03	MP001A	00	1	TQ2	A1			05A		
15151		XA523	08			XA522	08			16B	9		MP002A	01	MP101A	01	2	TT3	A1			06A		
15152		XA522	08			XA520	01			16B	9		MP002A	02	MP0000	01	2	TQ2	A1			06A		
15153		XA520	01							16B	9		MP002A	03	MP002A	00	1	TQ2	A2			02B		
15154		XA523	06			XA522	01			16B	9		MP0030	01	MP101A	01	3	TT3	A1			05A		
15155		XA522	01							16B	9		MP0030	02	MP0030	00	1	TQ2	A2			02B	P0203	
15156		XA523	05			XA522	04			16B	9		MP004A	01	MP102A	01	1	TT3	A2			03B		
15157		XA522	04			XA520	09			16B	9		MP004A	02	MP0030	01	1	TQ2	A2			04A		
15158		XA520	09							16B	9		MP004A	03	MP004A	00	1	TQ2	A3			04B		
15159		XA523	03			XA522	05			16B	9		MP005A	01	MP102A	01	3	TT3	A2			02A		
15160		XA522	05			XA520	15			16B	9		MP005A	02	MP0030	01	2	TQ2	A2			03B		
15161		XA520	15							16B	9		MP005A	03	MP005A	00	1	TQ2	A4			07B		
15162		XA523	26			XA522	09			16B	9		MP0060	01	MP105A	01	1	TT3	B1			14A		
15163		XA522	09							16B	9		MP0060	02	MP0060	00	1	TQ2	A3			04B	P0405	
15164		XA522	03			XA523	11			16B	9		MP007A	01	MP0060	01	1	TQ2	A3			02A		
15165		XA523	11			XA520	22			16B	9		MP007A	02	MP104A	01	2	TT3	A3			05B		
15166		XA520	22							16B	9		MP007A	03	MP007A	00	1	TQ2	B1			12A		
15167		XA523	09			XA522	07			16B	9		MP008A	01	MP104A	01	1	TT3	A3			04B		
15168		XA522	07			XA520	14			16B	9		MP008A	02	MP0060	01	2	TQ2	A3			03A		
15169		XA520	14							16B	9		MP008A	03	MP008A	00	1	TQ2	B2			09A		
15170		XA523	13			XA522	15			16B	9		MP0090	01	MP104A	01	3	TT3	A3			06B		
15171		XA522	15							16B	9		MP0090	02	MP0090	00	1	TQ2	A4			07B	P0607	

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RECORD NUMBER	FROM				TO				WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												
15172		XA523	24		XA522	13				16B	9		MP010A	01	MP105A	01	2	TT3	B1		13A		
15173		XA522	13		XA520	21				16B	9		MP010A	02	MP0090	01	2	TQ2	A4		06B		
15174		XA520	21							16B	9		MP010A	03	MP010A	00	1	TQ2	B3		10B		
15175		XA522	11		XA523	22				16B	9		MP011A	01	MP0090	01	1	TQ2	A4		05B		
15176		XA523	22		XA520	27				16B	9		MP011A	02	MP105A	01	3	TT3	B1		12A		
15177		XA520	27							16B	9		MP011A	03	MP011A	00	1	TQ2	B4		13B		
15178		XA523	25		XA522	22				16B	9		MP0120	01	MP108A	01	3	TT3	B3		12B		
15179		XA522	22							16B	9		MP0120	02	MP0120	00	1	TQ2	B1		12A		P0809
15180		XA523	18		XA522	24				16B	9		MP013A	01	MP107A	01	1	TT3	B2		10A		
15181		XA522	24		XA520	38				16B	9		MP013A	02	MP0120	01	2	TQ2	B1		13A		
15182		XA520	38							16B	9		MP013A	03	MP013A	00	1	TQ2	C1		18A		
15183		XA523	17		XA522	26				16B	9		MP014A	01	MP107A	01	3	TT3	B2		08B		
15184		XA522	26		XA520	30				16B	9		MP014A	02	MP0120	01	1	TQ2	B1		14A		
15185		XA520	30							16B	9		MP014A	03	MP014A	00	1	TQ2	C2		15A		
15186		XA523	14		XA522	14				16B	9		MP0150	01	MP107A	01	2	TT3	B2		09A		
15187		XA522	14							16B	9		MP0150	02	MP0150	00	1	TQ2	B2		09A		P1011
15188		XA523	21		XA522	18				16B	9		MP016A	01	MP108A	01	1	TT3	B3		10B		
15189		XA522	18		XA520	33				16B	9		MP016A	02	MP0150	01	2	TQ2	B2		10A		
15190		XA520	33							16B	9		MP016A	03	MP016A	00	1	TQ2	C3		16B		
15191		XA523	23		XA522	20				16B	9		MP017A	01	MP108A	01	2	TT3	B3		11B		
15192		XA522	20		XA520	39				16B	9		MP017A	02	MP0150	01	1	TQ2	B2		11A		
15193		XA520	39							16B	9		MP017A	03	MP017A	00	1	TQ2	C4		19B		
15194		XA523	34		XA522	21				16B	9		MP0180	01	MP111A	01	1	TT3	C2		16A		
15195		XA522	21							16B	9		MP0180	02	MP0180	00	1	TQ2	B3		10B		P1213
15196		XA522	19		XA523	38				16B	9		MP019A	01	MP0180	01	2	TQ2	B3		09B		
15197		XA523	38		XA520	52				16B	9		MP019A	02	MP110A	01	3	TT3	C1		18A		
15198		XA520	52							16B	9		MP019A	03	MP019A	00	1	TQ2	D1		24A		
15199		XA522	17		XA523	40				16B	9		MP020A	01	MP0180	01	1	TQ2	B3		08B		
15200		XA523	40		XA520	46				16B	9		MP020A	02	MP110A	01	2	TT3	C1		19A		
15201		XA520	46							16B	9		MP020A	03	MP020A	00	1	TQ2	D2		21A		
15202		XA523	42		XA522	27				16B	9		MP0210	01	MP110A	01	1	TT3	C1		20A		
15203		XA522	27							16B	9		MP0210	02	MP0210	00	1	TQ2	B4		13B		P1415
15204		XA522	25		XA523	30				16B	9		MP022A	01	MP0210	01	2	TQ2	B4		12B		
15205		XA523	30		XA520	45				16B	9		MP022A	02	MP111A	01	2	TT3	C2		15A		
15206		XA520	45							16B	9		MP022A	03	MP022A	00	1	TQ2	D3		24B		
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DRAWING NUMBER 149012-800

TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SPEC. INST. WIRE	SIGNAL	SEQ NO	EQUATION	TURNS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	KEY	PREFIX	CONNECTOR	PIN	KEY	MULTI GROUP	CODE	COLOR	IDENT												
15207		XA522	23		XA523	29			16B	9			MP023A	01	MP0210	01	1	TQ2	B4		11B			
15208		XA523	29		XA520	51			16B	9			MP023A	02	MP111A	01	3	TT3	C2		14B			
15209		XA520	51						16B	9			MP023A	03	MP023A	00	1	TQ2	D4		27B			
15210		XA523	56		XA522	38			16B	9			MP0240	01	MP114A	01	1	TT3	D1		28A			
15211		XA522	38						16B	9			MP0240	02	MP0240	00	1	TQ2	C1		18A	P1617		
15212		XA522	40		XA523	35			16B	9			MP025A	01	MP0240	01	2	TQ2	C1		19A			
15213		XA523	35		XA521	06			16B	9			MP025A	02	MP113A	01	2	TT3	C3		17B			
15214		XA521	06						16B	9			MP025A	03	MP025A	00	1	TQ2	A1		05A			
15215		XA522	42		XA523	33			16B	9			MP026A	01	MP0240	01	1	TQ2	C1		20A			
15216		XA523	33		XA521	01			16B	9			MP026A	02	MP113A	01	1	TT3	C3		18B			
15217		XA521	01						16B	9			MP026A	03	MP026A	00	1	TQ2	A2		02B			
15218		XA523	37		XA522	30			16B	9			MP0270	01	MP113A	01	3	TT3	C3		18B			
15219		XA522	30						16B	9			MP0270	02	MP0270	00	1	TQ2	C2		15A	P1819		
15220		XA523	52		XA522	36			16B	9			MP028A	01	MP114A	01	3	TT3	D1		24A			
15221		XA522	36		XA521	09			16B	9			MP028A	02	MP0270	01	1	TQ2	C2		17A			
15222		XA521	09						16B	9			MP028A	03	MP028A	00	1	TQ2	A3		04B			
15223		XA523	54		XA522	34			16B	9			MP029A	01	MP114A	01	2	TT3	D1		25A			
15224		XA522	34		XA521	15			16B	9			MP029A	02	MP0270	01	2	TQ2	C2		16A			
15225		XA521	15						16B	9			MP029A	03	MP029A	00	1	TQ2	A4		07B			
15226		XA523	49		XA522	33			16B	9			MP0300	01	MP117A	01	3	TT3	D3		26B			
15227		XA522	33						16B	9			MP0300	02	MP0300	00	1	TQ2	C3		16B	P2021		
15228		XA523	41		XA522	31			16B	9			MP031A	01	MP116A	01	3	TT3	D2		22B			
15229		XA522	31		XA521	22			16B	9			MP031A	02	MP0300	01	2	TQ2	C3		15B			
15230		XA521	22						16B	9			MP031A	03	MP031A	00	1	TQ2	B1		12A			
15231		XA523	46		XA522	29			16B	9			MP032A	01	MP116A	01	2	TT3	D2		21A			
15232		XA522	29		XA521	14			16B	9			MP032A	02	MP0300	01	1	TQ2	C3		14B			
15233		XA521	14						16B	9			MP032A	03	MP032A	00	1	TQ2	B2		09A			
15234		XA523	48		XA522	39			16B	9			MP0330	01	MP116A	01	1	TT3	D2		22A			
15235		XA522	39						16B	9			MP0330	02	MP0330	00	1	TQ2	C4		19B	P2223		
15236		XA523	45		XA522	35			16B	9			MP034A	01	MP117A	01	1	TT3	D3		24B			
15237		XA522	35		XA521	21			16B	9			MP034A	02	MP0330	01	1	TQ2	C4		17B			
15238		XA521	21						16B	9			MP034A	03	MP034A	00	1	TQ2	B3		10B			
15239		XA523	47		XA522	37			16B	9			MP035A	01	MP117A	01	2	TT3	D3		25B			
15240		XA522	37		XA521	27			16B	9			MP035A	02	MP0330	01	2	TQ2	C4		18B			
15241		XA521	27						16B	9			MP035A	03	MP035A	00	1	TQ2	B4		13B			
15242		XA523	62		XA522	52			16B	9			MP0360	01	MP120A	01	1	TT3	E2		29A			
15243		XA522	52						16B	9			MP0360	02	MP0360	00	1	TQ2	D1		24A	P2425		



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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SPEC INST WIRE	SIGNAL	SEQ NO	EQUATION	TURNS	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	KEY	PREFIX	CONNECTOR	PIN	KEY	MULTI GROUP	CODE	COLOR	IDENT												
15207		XA522	23			XA523	29			16B	9		MP023A	01	MP0210	01	1	TQ2	B4		11B			
15208		XA523	29			XA520	51			16B	9		MP023A	02	MP111A	01	3	TT3	C2		14B			
15209		XA520	51							16B	9		MP023A	03	MP023A	00	1	TQ2	D4		27B			
15210		XA523	56			XA522	38			16B	9		MP0240	01	MP114A	01	1	TT3	D1		28A			
15211		XA522	38							16B	9		MP0240	02	MP0240	00	1	TQ2	C1		18A	P1617		
15212		XA522	40			XA523	35			16B	9		MP025A	01	MP0240	01	2	TQ2	C1		19A			
15213		XA523	35			XA521	06			16B	9		MP025A	02	MP113A	01	2	TT3	C3		17B			
15214		XA521	06							16B	9		MP025A	03	MP025A	00	1	TQ2	A1		05A			
15215		XA522	42			XA523	33			16B	9		MP026A	01	MP0240	01	1	TQ2	C1		20A			
15216		XA523	33			XA521	01			16B	9		MP026A	02	MP113A	01	1	TT3	C3		18B			
15217		XA521	01							16B	9		MP026A	03	MP026A	00	1	TQ2	A2		02B			
15218		XA523	37			XA522	30			16B	9		MP0270	01	MP113A	01	3	TT3	C3		18B			
15219		XA522	30							16B	9		MP0270	02	MP0270	00	1	TQ2	C2		15A	P1819		
15220		XA523	52			XA522	36			16B	9		MP028A	01	MP114A	01	3	TT3	D1		24A			
15221		XA522	36			XA521	09			16B	9		MP028A	02	MP0270	01	1	TQ2	C2		17A			
15222		XA521	09							16B	9		MP028A	03	MP028A	00	1	TQ2	A3		04B			
15223		XA523	54			XA522	34			16B	9		MP029A	01	MP114A	01	2	TT3	D1		25A			
15224		XA522	34			XA521	15			16B	9		MP029A	02	MP0270	01	2	TQ2	C2		16A			
15225		XA521	15							16B	9		MP029A	03	MP029A	00	1	TQ2	A4		07B			
15226		XA523	49			XA522	33			16B	9		MP0300	01	MP117A	01	3	TT3	D3		26B			
15227		XA522	33							16B	9		MP0300	02	MP0300	00	1	TQ2	C3		16B	P2021		
15228		XA523	41			XA522	31			16B	9		MP031A	01	MP116A	01	3	TT3	D2		22B			
15229		XA522	31			XA521	22			16B	9		MP031A	02	MP0300	01	2	TQ2	C3		15B			
15230		XA521	22							16B	9		MP031A	03	MP031A	00	1	TQ2	B1		12A			
15231		XA523	46			XA522	29			16B	9		MP032A	01	MP116A	01	2	TT3	D2		21A			
15232		XA522	29			XA521	14			16B	9		MP032A	02	MP0300	01	1	TQ2	C3		14B			
15233		XA521	14							16B	9		MP032A	03	MP032A	00	1	TQ2	B2		09A			
15234		XA523	48			XA522	39			16B	9		MP0330	01	MP116A	01	1	TT3	D2		22A			
15235		XA522	39							16B	9		MP0330	02	MP0330	00	1	TQ2	C4		19B	P2223		
15236		XA523	45			XA522	35			16B	9		MP034A	01	MP117A	01	1	TT3	D3		24B			
15237		XA522	35			XA521	21			16B	9		MP034A	02	MP0330	01	1	TQ2	C4		17B			
15238		XA521	21							16B	9		MP034A	03	MP034A	00	1	TQ2	B3		10B			
15239		XA523	47			XA522	37			16B	9		MP035A	01	MP117A	01	2	TT3	D3		25B			
15240		XA522	37			XA521	27			16B	9		MP035A	02	MP0330	01	2	TQ2	C4		18B			
15241		XA521	27							16B	9		MP035A	03	MP035A	00	1	TQ2	B4		13B			
15242		XA523	62			XA522	52			16B	9		MP0360	01	MP120A	01	1	TT3	E2		29A			
15243		XA522	52							16B	9		MP0360	02	MP0360	00	1	TQ2	D1		24A	P2425		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SPL. INST. MISC.	SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OP	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
15244		XA523	66		XA522	54				16B	9			MP037A	01	MP119A	01	3	TT3	E1		31A		
15245		XA522	54		XA521	38				16B	9			MP037A	02	MP0360	01	2	TQ2	D1		25A		
15246		XA521	38							16B	9			MP037A	03	MP037A	00	1	TQ2	C1		18A		
15247		XA523	68		XA522	56				16B	9			MP038A	01	MP119A	01	2	TT3	E1		32A		
15248		XA522	56		XA521	30				16B	9			MP038A	02	MP0360	01	1	TQ2	D1		26A		
15249		XA521	30							16B	9			MP038A	03	MP038A	00	1	TQ2	C2		15A		
15250		XA523	70		XA522	46				16B	9			MP0390	01	MP119A	01	1	TT3	E1		33A		
15251		XA522	46							16B	9			MP0390	02	MP0390	00	1	TQ2	D2		21A		P2627
15252		XA523	53		XA522	50				16B	9			MP040A	01	MP120A	01	3	TT3	E2		28B		
15253		XA522	50		XA521	33				16B	9			MP040A	02	MP0390	01	1	TQ2	D2		23A		
15254		XA521	33							16B	9			MP040A	03	MP040A	00	1	TQ2	C3		16B		
15255		XA523	60		XA522	48				16B	9			MP041A	01	MP120A	01	2	TT3	E2		28A		
15256		XA522	48		XA521	39				16B	9			MP041A	02	MP0390	01	2	TQ2	D2		22A		
15257		XA521	39							16B	9			MP041A	03	MP041A	00	1	TQ2	C4		19B		
15258		XA523	75		XA522	45				16B	9			MP0420	01	MP123A	01	3	TT3	F1		37B		
15259		XA522	45							16B	9			MP0420	02	MP0420	00	1	TQ2	D3		24B		P2829
15260		XA523	59		XA521	52				16B	9			MP043A	01	MP122A	01	2	TT3	E3		31B		
15261		XA521	52		XA522	41				16B	9			MP043A	02	MP043A	00	1	TQ2	D1		24A		
15262		XA522	41							16B	9			MP043A	03	MP0420	01	1	TQ2	D3		22B		
15263		XA523	57		XA522	43				16B	9			MP044A	01	MP122A	01	1	TT3	E3		30B		
15264		XA522	43		XA521	46				16B	9			MP044A	02	MP0420	01	2	TQ2	D3		23B		
15265		XA521	46							16B	9			MP044A	03	MP044A	00	1	TQ2	D2		21A		
15266		XA523	61		XA522	51				16B	9			MP0450	01	MP122A	01	3	TT3	E3		32B		
15267		XA522	51							16B	9			MP0450	02	MP0450	00	1	TQ2	D4		27B		P3031
15268		XA523	77		XA522	49				16B	9			MP046A	01	MP123A	01	2	TT3	F1		38B		
15269		XA522	49		XA521	45				16B	9			MP046A	02	MP0450	01	2	TQ2	D4		26B		
15270		XA521	45							16B	9			MP046A	03	MP046A	00	1	TQ2	D3		24B		
15271		XA523	79		XA521	51				16B	9			MP047A	01	MP123A	01	1	TT3	F1		39B		
15272		XA521	51		XA522	47				16B	9			MP047A	02	MP047A	00	1	TQ2	D4		27B		
15273		XA522	47							16B	9			MP047A	03	MP0450	01	1	TQ2	D4		25B		
15274		XA524	64		XA522	66				16B	9			MP1000	01	MP205A	01	1	TQ4	E2		30A		
15275		XA522	66		XA521	70				16B	9			MP1000	02	MP1000	00	1	TQ2	E1		31A		P0003*
15276		XA521	70							16B	9			MP1000	03	MP201A	01	1	TQ2	E1		33A		
15277		XA522	68		XA524	66				16B	9			MP101A	01	MP1000	01	2	TQ2	E1		32A		
15278		XA524	66		XA523	04				16B	9			MP101A	02	MP204A	01	3	TQ4	E1		31A		
15279		XA523	04		XA420	66				16B	9			MP101A	03	MP101A	00	1	TT3	A1		04A		
										****	SIGNAL		MP101A		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											
15280		XA420	66					168	9			MP101A	04	MP202A	01	3	TD4	E1		31A	
15281		XA522	70		XA524	61		168	9			MP102A	01	MP1000	01	1	TQ2	E1		33A	
15282		XA524	61		XA523	07		168	9			MP102A	02	MP204A	01	4	TD4	E1		32B	
15283		XA523	07		XA420	61		168	9			MP102A	03	MP102A	00	1	TT3	A2		03A	
15284		XA420	61					168	9			MP102A	04	MP202A	01	4	TD4	E1		32B	
15285		XA524	68		XA522	60		168	9			MP1030	01	MP204A	01	2	TD4	E1		32A	
15286		XA522	60		XA521	68		168	9			MP1030	02	MP1030	00	1	TQ2	E2		28A	P0407*
15287		XA521	68					168	9			MP1030	03	MP201A	01	2	TQ2	E1		32A	
15288		XA522	62		XA524	55		168	9			MP104A	01	MP1030	01	2	TQ2	E2		29A	
15289		XA524	55		XA523	15		168	9			MP104A	02	MP205A	01	4	TD4	E2		29B	
15290		XA523	15		XA420	68		168	9			MP104A	03	MP104A	00	1	TT3	A3		07B	
15291		XA420	68					168	9			MP104A	04	MP202A	01	2	TD4	E1		32A	
15292		XA522	64		XA524	62		168	9			MP105A	01	MP1030	01	1	TQ2	E2		30A	
15293		XA524	62		XA523	20		168	9			MP105A	02	MP205A	01	2	TD4	E2		29A	
15294		XA523	20		XA420	70		168	9			MP105A	03	MP105A	00	1	TT3	B1		11A	
15295		XA420	70					168	9			MP105A	04	MP202A	01	1	TD4	E1		33A	
15296		XA524	71		XA522	57		168	9			MP1060	01	MP211A	01	2	TD4	F2		36A	
15297		XA522	57		XA521	62		168	9			MP1060	02	MP1060	00	1	TQ2	E3		30B	P0811*
15298		XA521	62					168	9			MP1060	03	MP207A	01	2	TQ2	E2		29A	
15299		XA524	78		XA522	53		168	9			MP107A	01	MP210A	01	4	TD4	F1		38A	
15300		XA522	53		XA523	19		168	9			MP107A	02	MP1060	01	1	TQ2	E3		28B	
15301		XA523	19		XA420	60		168	9			MP107A	03	MP107A	00	1	TT3	B2		09B	
15302		XA420	60					168	9			MP107A	04	MP208A	01	3	TD4	E2		28A	
15303		XA524	75		XA522	55		168	9			MP108A	01	MP210A	01	3	TD4	F1		37B	
15304		XA522	55		XA523	27		168	9			MP108A	02	MP1060	01	2	TQ2	E3		29B	
15305		XA523	27		XA420	62		168	9			MP108A	03	MP108A	00	1	TT3	B3		13B	
15306		XA420	62					168	9			MP108A	04	MP208A	01	2	TD4	E2		29A	
15307		XA524	77		XA522	63		168	9			MP1090	01	MP210A	01	2	TD4	F1		38B	
15308		XA522	63		XA521	64		168	9			MP1090	02	MP1090	00	1	TQ2	E4		33B	P1215*
15309		XA521	64					168	9			MP1090	03	MP207A	01	1	TQ2	E2		30A	
15310		XA524	74		XA522	61		168	9			MP110A	01	MP211A	01	4	TD4	F2		35B	
15311		XA522	61		XA523	36		168	9			MP110A	02	MP1090	01	2	TQ2	E4		32B	
15312		XA523	36		XA420	64		168	9			MP110A	03	MP110A	00	1	TT3	C1		17A	
15313		XA420	64					168	9			MP110A	04	MP208A	01	1	TD4	E2		30A	
15314		XA524	72		XA522	59		168	9			MP111A	01	MP211A	01	3	TD4	F2		34A	
15315		XA522	59		XA523	31		168	9			MP111A	02	MP1090	01	1	TQ2	E4		31B	
15316		XA523	31		XA420	55		168	9			MP111A	03	MP111A	00	1	TT3	C2		15B	
15317		XA420	55					168	9			MP111A	04	MP208A	01	4	TD4	E2		29B	
15318		XA525	64		XA522	75		168	9			MP1120	01	MP217A	01	1	TD4	E2		30A	
								****			SIGNAL	MP1120		IS ON THE						****	

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
15319		XA522	75		XA521	55			168	9			MP1120	02	MP1120	00	1	TQ2	F1		37B	P1619*			
15320		XA521	55						168	9			MP1120	03	MP213A	01	2	TQ2	E3		29B				
15321		XA522	77		XA525	66			168	9			MP113A	01	MP1120	01	2	TQ2	F1		38B				
15322		XA525	66		XA523	39			168	9			MP113A	02	MP216A	01	3	TQ4	E1		31A				
15323		XA523	39		XA420	75			168	9			MP113A	03	MP113A	00	1	TT3	C3		19B				
15324		XA420	75						168	9			MP113A	04	MP214A	01	3	TQ4	F1		37B				
15325		XA522	79		XA525	61			168	9			MP114A	01	MP1120	01	1	TQ2	F1		39B				
15326		XA525	61		XA523	50			168	9			MP114A	02	MP216A	01	4	TQ4	E1		32B				
15327		XA523	50		XA420	78			168	9			MP114A	03	MP114A	00	1	TT3	O1		23A				
15328		XA420	78						168	9			MP114A	04	MP214A	01	4	TQ4	F1		38A				
15329		XA525	70		XA522	72			168	9			MP1150	01	MP216A	01	1	TQ4	E1		33A				
15330		XA522	72		XA521	53			168	9			MP1150	02	MP1150	00	1	TQ2	F2		34A	P2023*			
15331		XA521	53						168	9			MP1150	03	MP213A	01	1	TQ2	E3		28B				
15332		XA522	71		XA525	55			168	9			MP116A	01	MP1150	01	2	TQ2	F2		36A				
15333		XA525	55		XA523	43			168	9			MP116A	02	MP217A	01	4	TQ4	E2		29B				
15334		XA523	43		XA420	77			168	9			MP116A	03	MP116A	00	1	TT3	O2		23B				
15335		XA420	77						168	9			MP116A	04	MP214A	01	2	TQ4	F1		38B				
15336		XA522	73		XA523	51			168	9			MP117A	01	MP1150	01	1	TQ2	F2		36B				
15337		XA523	51		XA525	60			168	9			MP117A	02	MP117A	00	1	TT3	O3		27B				
15338		XA525	60		XA420	79			168	9			MP117A	03	MP217A	01	3	TQ4	E2		28A				
15339		XA420	79						168	9			MP117A	04	MP214A	01	1	TQ4	F1		39B				
15340		XA525	74		XA522	69			168	9			MP1180	01	MP223A	01	4	TQ4	F2		35B				
15341		XA522	69		XA521	59			168	9			MP1180	02	MP1180	00	1	TQ2	F3		35A	P2427*			
15342		XA521	59						168	9			MP1180	03	MP219A	01	1	TQ2	E4		31B				
15343		XA525	75		XA523	64			168	9			MP119A	01	MP222A	01	3	TQ4	F1		37B				
15344		XA523	64		XA522	65			168	9			MP119A	02	MP119A	00	1	TT3	E1		30A				
15345		XA522	65		XA420	72			168	9			MP119A	03	MP1180	01	1	TQ2	F3		34B				
15346		XA420	72						168	9			MP119A	04	MP220A	01	3	TQ4	F2		34A				
15347		XA525	78		XA522	74			168	9			MP120A	01	MP222A	01	4	TQ4	F1		38A				
15348		XA522	74		XA523	55			168	9			MP120A	02	MP1180	01	2	TQ2	F3		35B				
15349		XA523	55		XA420	74			168	9			MP120A	03	MP120A	00	1	TT3	E2		29B				
15350		XA420	74						168	9			MP120A	04	MP220A	01	4	TQ4	F2		35B				
15351		XA525	79		XA522	80			168	9			MP1210	01	MP222A	01	1	TQ4	F1		39B				
15352		XA522	80		XA521	61			168	9			MP1210	02	MP1210	00	1	TQ2	F4		39A	P2831*			
15353		XA521	61						168	9			MP1210	03	MP219A	01	2	TQ2	E4		32B				
15354		XA525	72		XA523	63			168	9			MP122A	01	MP223A	01	3	TQ4	F2		34A				
15355		XA523	63		XA522	76			168	9			MP122A	02	MP122A	00	1	TT3	E3		33B				
15356		XA522	76		XA420	73			168	9			MP122A	03	MP1210	01	1	TQ2	F4		37A				
15357		XA420	73						168	9			MP122A	04	MP220A	01	1	TQ4	F2		36B				
												****	SIGNAL	(MP123A)	IS ON THE NEXT PAGE										****

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MP123A

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SFC NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO					
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												IDEN				
15358		XA525	73		XA523	73		168	9		MP123A	01	MP223A	01	1	T04	F2	36B							
15359		XA523	73		XA522	78		168	9		MP123A	02	MP123A	00	1	TT3	F1	36B							
15360		XA522	78		XA420	71		168	9		MP123A	03	MP1210	01	2	TQ2	F4	38A							
15361		XA420	71					168	9		MP123A	04	MP220A	01	2	TD4	F2	36A							
15362		XA525	30		XA524	36		168	9		MP2000	01	MP315A	01	3	TD4	C2	15A							
15363		XA524	36		XA524	42		168	9		MP2000	02	MP306A	01	1	TD4	C2	17A							
15364		XA524	42		XA524	46		168	9		MP2000	03	MP305A	01	1	TD4	C1	20A							
15365		XA524	46		XA525	43		168	9		MP2000	04	MP308A	01	3	TD4	D2	21A							
15366		XA525	43		XA525	42		168	9		MP2000	05	MP317A	01	4	TD4	D2	23B							
15367		XA525	42		XA525	56		168	9		MP2000	06	MP314A	01	1	TD4	C1	20A							
15368		XA525	56		XA524	56		168	9		MP2000	07	MP316A	01	1	TD4	D1	26A							
15369		XA524	56		XA520	66		168	9		MP2000	08	MP307A	01	1	TD4	D1	26A							
15370		XA520	66					168	9		MP2000	09	MP2000	00	1	TQ2	E1	31A	P0007						
15371		XA521	66		XA520	70		168	9		MP201A	01	MP201A	00	1	TQ2	E1	31A							
15372		XA520	70					168	9		MP201A	02	MP2000	01	1	TQ2	E1	33A							
15373		XA520	68		XA420	59		168	9		MP202A	01	MP2030	01	2	TQ2	E1	32A							
15374		XA420	59					168	9		MP202A	02	MP202A	00	1	TD4	E1	31B							
15375		XA529	18		XA525	22		168	9		MP2030	01	MP313A	01	2	TD4	B2	10A							
15376		XA525	22		XA524	22		168	9		MP2030	02	MP312A	01	3	TD4	B1	12A							
15377		XA524	22		XA524	18		168	9		MP2030	03	MP303A	01	3	TD4	B1	12A							
15378		XA524	18		XA525	13		168	9		MP2030	04	MP304A	01	2	TD4	B2	10A							
15379		XA525	13		XA524	06		168	9		MP2030	05	MP310A	01	4	TD4	A1	06B							
15380		XA524	06		XA524	04		168	9		MP2030	06	MP301A	01	3	TD4	A1	05A							
15381		XA524	04		XA525	07		168	9		MP2030	07	MP302A	01	1	TD4	A2	04A							
15382		XA525	07		XA520	60		168	9		MP2030	08	MP311A	01	4	TD4	A2	03A							
15383		XA520	60					168	9		MP2030	09	MP2030	00	1	TQ2	E2	28A	P0007*						
15384		XA524	59		XA520	64		168	9		MP204A	01	MP204A	00	1	TD4	E1	31B							
15385		XA520	64					168	9		MP204A	02	MP2030	01	1	TQ2	E2	30A							
15386		XA524	57		XA520	62		168	9		MP205A	01	MP205A	00	1	TD4	E2	30B							
15387		XA520	62					168	9		MP205A	02	MP2030	01	2	TQ2	E2	29A							
15388		XA529	20		XA524	20		168	9		MP2060	01	MP313A	01	1	TD4	B2	11A							
15389		XA524	20		XA524	24		168	9		MP2060	02	MP304A	01	1	TD4	B2	11A							
15390		XA524	24		XA525	26		168	9		MP2060	03	MP303A	01	2	TD4	B1	13A							
15391		XA525	26		XA525	48		168	9		MP2060	04	MP312A	01	1	TD4	B1	14A							
15392		XA525	48		XA524	50		168	9		MP2060	05	MP317A	01	2	TD4	D2	22A							
15393		XA524	50		XA524	54		168	9		MP2060	06	MP308A	01	1	TD4	D2	23A							
15394		XA524	54		XA525	54		168	9		MP2060	07	MP307A	01	2	TD4	D1	25A							
15395		XA525	54		XA520	57		168	9		MP2060	08	MP316A	01	2	TD4	D1	25A							
15396		XA520	57					168	9		MP2060	09	MP2060	00	1	TQ2	E3	30B	P0815						
15397		XA521	60		XA520	55		168	9		MP207A	01	MP207A	00	1	TQ2	E2	28A							
15398		XA520	55					168	9		MP207A	02	MP2060	01	2	TQ2	E3	29B							
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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											
15399		XA520	53		XA420	57				168	9		MP208A	01	MP2060	01	1	TQ2	E3		288		
15400		XA420	57							168	9		MP208A	02	MP208A	00	1	TD4	E2		308		
15401		XA525	05		XA524	05				168	9		MP2090	01	MP311A	01	2	TD4	A2		038		
15402		XA524	05		XA524	08				168	9		MP2090	02	MP302A	01	2	TD4	A2		038		
15403		XA524	08		XA525	10				168	9		MP2090	03	MP301A	01	2	TD4	A1		06A		
15404		XA525	10		XA525	31				168	9		MP2090	04	MP310A	01	1	TD4	A1		07A		
15405		XA525	31		XA524	34				168	9		MP2090	05	MP315A	01	4	TD4	C2		158		
15406		XA524	34		XA524	38				168	9		MP2090	06	MP306A	01	2	TD4	C2		16A		
15407		XA524	38		XA525	37				168	9		MP2090	07	MP305A	01	3	TD4	C1		18A		
15408		XA525	37		XA520	63				168	9		MP2090	08	MP314A	01	4	TD4	C1		188		
15409		XA520	63							168	9		MP2090	09	MP2090	00	1	TQ2	E4		338	P0815*	
15410		XA524	76		XA520	61				168	9		MP210A	01	MP210A	00	1	TD4	F1		37A		
15411		XA520	61							168	9		MP210A	02	MP2090	01	2	TQ2	E4		328		
15412		XA524	69		XA520	59				168	9		MP211A	01	MP211A	00	1	TD4	F2		35A		
15413		XA520	59							168	9		MP211A	02	MP2090	01	1	TQ2	E4		318		
15414		XA529	14		XA525	01				168	9		MP2120	01	MP313A	01	3	TD4	B2		09A		
15415		XA525	01		XA524	07				168	9		MP2120	02	MP311A	01	3	TD4	A2		028		
15416		XA524	07		XA524	14				168	9		MP2120	03	MP302A	01	4	TD4	A2		03A		
15417		XA524	14		XA525	34				168	9		MP2120	04	MP304A	01	3	TD4	B2		09A		
15418		XA525	34		XA524	31				168	9		MP2120	05	MP315A	01	2	TD4	C2		16A		
15419		XA524	31		XA524	43				168	9		MP2120	06	MP306A	01	4	TD4	C2		158		
15420		XA524	43		XA525	50				168	9		MP2120	07	MP308A	01	4	TD4	D2		238		
15421		XA525	50		XA520	75				168	9		MP2120	08	MP317A	01	1	TD4	D2		23A		
15422		XA520	75							168	9		MP2120	09	MP2120	00	1	TQ2	F1		378	P1623	
15423		XA521	57		XA520	79				168	9		MP213A	01	MP213A	00	1	TQ2	E3		308		
15424		XA520	79							168	9		MP213A	02	MP2120	01	1	TQ2	F1		398		
15425		XA520	77		XA420	76				168	9		MP214A	01	MP2120	01	2	TQ2	F1		388		
15426		XA420	76							168	9		MP214A	02	MP214A	00	1	TD4	F1		37A		
15427		XA525	06		XA524	10				168	9		MP2150	01	MP310A	01	3	TD4	A1		05A		
15428		XA524	10		XA524	25				168	9		MP2150	02	MP301A	01	1	TD4	A1		07A		
15429		XA524	25		XA525	24				168	9		MP2150	03	MP303A	01	4	TD4	B1		128		
15430		XA525	24		XA525	38				168	9		MP2150	04	MP312A	01	2	TD4	B1		13A		
15431		XA525	38		XA524	37				168	9		MP2150	05	MP314A	01	3	TD4	C1		19A		
15432		XA524	37		XA524	52				168	9		MP2150	06	MP305A	01	4	TD4	C1		188		
15433		XA524	52		XA525	49				168	9		MP2150	07	MP307A	01	3	TD4	D1		24A		
15434		XA525	49		XA520	72				168	9		MP2150	08	MP316A	01	4	TD4	D1		268		
15435		XA520	72							168	9		MP2150	09	MP2150	00	1	TQ2	F2		34A	P1623*	
15436		XA525	59		XA520	73				168	9		MP216A	01	MP216A	00	1	TD4	E1		318		
15437		XA520	73							168	9		MP216A	02	MP2150	01	1	TQ2	F2		368		
15438		XA525	57		XA520	71				168	9		MP217A	01	MP217A	00	1	TD4	E2		308		
15439		XA520	71							168	9		MP217A	02	MP2150	01	2	TQ2	F2		36A		

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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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	CH	PREFIX	CONNECTOR	PIN	CH	MULTI GROUP	CODE	COLOR	IDENT												INS
15440		XA529	19		XA524	01			168	9			MP2180	01	MP313A	01	4	TD4	B2		09B			
15441		XA524	01		XA525	08			168	9			MP2180	02	MP302A	01	3	TD4	A2		02B			
15442		XA525	08		XA524	26			168	9			MP2180	03	MP310A	01	2	TD4	A1		06A			
15443		XA524	26		XA525	36			168	9			MP2180	04	MP303A	01	1	TD4	B1		14A			
15444		XA525	36		XA524	40			168	9			MP2180	05	MP315A	01	1	TD4	C2		17A			
15445		XA524	40		XA524	48			168	9			MP2180	06	MP305A	01	2	TD4	C1		19A			
15446		XA524	48		XA525	52			168	9			MP2180	07	MP308A	01	2	TD4	D2		22A			
15447		XA525	52		XA520	69			168	9			MP2180	08	MP316A	01	3	TD4	D1		24A			
15448		XA520	69						168	9			MP2180	09	MP2180	00	1	TQ2	F3		35A	P2431		
15449		XA521	63		XA520	74			168	9			MP219A	01	MP219A	00	1	TQ2	E4		33B			
15450		XA520	74						168	9			MP219A	02	MP2180	01	2	TQ2	F3		35B			
15451		XA520	65		XA420	69			168	9			MP220A	01	MP2180	01	1	TQ2	F3		34B			
15452		XA420	69						168	9			MP220A	02	MP220A	00	1	TD4	F2		35A			
15453		XA525	04		XA524	13			168	9			MP2210	01	MP311A	01	1	TD4	A2		04A			
15454		XA524	13		XA524	19			168	9			MP2210	02	MP301A	01	4	TD4	A1		06B			
15455		XA524	19		XA525	25			168	9			MP2210	03	MP304A	01	4	TD4	B2		09B			
15456		XA525	25		XA524	30			168	9			MP2210	04	MP312A	01	4	TD4	B1		12B			
15457		XA524	30		XA525	40			168	9			MP2210	05	MP306A	01	3	TD4	C2		15A			
15458		XA525	40		XA525	46			168	9			MP2210	06	MP314A	01	2	TD4	C1		19A			
15459		XA525	46		XA524	49			168	9			MP2210	07	MP317A	01	3	TD4	D2		21A			
15460		XA524	49		XA520	80			168	9			MP2210	08	MP307A	01	4	TD4	D1		26B			
15461		XA520	80						168	9			MP2210	09	MP2210	00	1	TQ2	F4		39A	P2431*		
15462		XA525	76		XA520	78			168	9			MP222A	01	MP222A	00	1	TD4	F1		37A			
15463		XA520	78						168	9			MP222A	02	MP2210	01	2	TQ2	F4		38A			
15464		XA525	69		XA520	76			168	9			MP223A	01	MP223A	00	1	TD4	F2		35A			
15465		XA520	76						168	9			MP223A	02	MP2210	01	1	TQ2	F4		37A			
15466		XA537	07		XA526	11			168	9			MP3000	01	MP407A	01	7	TS8	A1		03A			
15467		XA526	11		XA529	36			168	9			MP3000	02	MP3000	00	1	TS8	A1		05B	PARITY (32 BIT MD		
15468		XA529	36		XA531	48			168	9			MP3000	03	MP408A	01	1	TD4	C2		17A			
15469		XA531	48		XA535	76			168	9			MP3000	04	MP400A	01	1	TT3	D2		22A			
15470		XA535	76						168	9			MP3000	05	MPPEE0	01	1	TQ2	F4		37A			
15471		XA526	06		XA524	11			168	9			MP301A	01	MP3000	01	3	TS8	A1		05A			
15472		XA524	11						168	9			MP301A	02	MP301A	00	1	TD4	A1		05B			
15473		XA526	04		XA524	09			168	9			MP302A	01	MP3000	01	4	TS8	A1		04A			
15474		XA524	09						168	9			MP302A	02	MP302A	00	1	TD4	A2		04B			
15475		XA526	05		XA524	23			168	9			MP303A	01	MP3000	01	5	TS8	A1		03B			
15476		XA524	23						168	9			MP303A	02	MP303A	00	1	TD4	B1		11B			
15477		XA526	01		XA524	21			168	9			MP304A	01	MP3000	01	6	TS8	A1		02B			
									****		SIGNAL		MP304A		IS ON THE						****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	WIRE											
15478		XA524	21							168	9		MP304A	02	MP304A	00	1	TD4	B2		108		
15479		XA526	13		XA524	35				168	9		MP305A	01	MP3000	01	8	TS8	A1		06B		
15480		XA524	35							168	9		MP305A	02	MP305A	00	1	TD4	C1		17B		
15481		XA526	07		XA524	33				168	9		MP306A	01	MP3000	01	7	TS8	A1		03A		
15482		XA524	33							168	9		MP306A	02	MP306A	00	1	TD4	C2		16B		
15483		XA526	10		XA524	47				168	9		MP307A	01	MP3000	01	1	TS8	A1		07A		
15484		XA524	47							168	9		MP307A	02	MP307A	00	1	TD4	D1		25B		
15485		XA526	08		XA524	45				168	9		MP308A	01	MP3000	01	2	TS8	A1		06A		
15486		XA524	45							168	9		MP308A	02	MP308A	00	1	TD4	D2		24B		
15487		XA535	74		XA531	52				168	9		MP3090	01	MP3090	01	2	TQ2	F3		35B		
15488		XA531	52		XA526	23				168	9		MP3090	02	MP401A	01	3	TT3	D1		24A		
15489		XA526	23							168	9		MP3090	03	MP3090	00	1	TS8	B1		11B	PARITY* (32 BIT M	
15490		XA526	14		XA525	11				168	9		MP310A	01	MP3090	01	6	TS8	B1		09A		
15491		XA525	11							168	9		MP310A	02	MP310A	00	1	TD4	A1		05B		
15492		XA526	18		XA525	09				168	9		MP311A	01	MP3090	01	5	TS8	B1		10A		
15493		XA525	09							168	9		MP311A	02	MP311A	00	1	TD4	A2		04B		
15494		XA526	19		XA525	23				168	9		MP312A	01	MP3090	01	7	TS8	B1		09B		
15495		XA525	23							168	9		MP312A	02	MP312A	00	1	TD4	B1		11B		
15496		XA529	21		XA526	20				168	9		MP313A	01	MP313A	00	1	TD4	B2		10B		
15497		XA526	20							168	9		MP313A	02	MP3090	01	4	TS8	B1		11A		
15498		XA526	24		XA525	35				168	9		MP314A	01	MP3090	01	2	TS8	B1		13A		
15499		XA525	35							168	9		MP314A	02	MP314A	00	1	TD4	C1		17B		
15500		XA526	25		XA525	33				168	9		MP315A	01	MP3090	01	8	TS8	B1		12B		
15501		XA525	33							168	9		MP315A	02	MP315A	00	1	TD4	C2		16B		
15502		XA526	22		XA525	47				168	9		MP316A	01	MP3090	01	3	TS8	B1		12A		
15503		XA525	47							168	9		MP316A	02	MP316A	00	1	TD4	D1		25B		
15504		XA526	26		XA525	45				168	9		MP317A	01	MP3090	01	1	TS8	B1		14A		
15505		XA525	45							168	9		MP317A	02	MP317A	00	1	TD4	D2		24B		
15506		XA537	79		XA531	43				168	9		MP400A	01	MK06NA	01	1	TS8	F1		39B		
15507		XA531	43		XA420	56				168	9		MP400A	02	MP400A	00	1	TT3	D2		23B		
15508		XA420	56		XA420	43				168	9		MP400A	03	MD24NA	01	1	TD4	D1		26A		
15509		XA420	43		XA420	37				168	9		MP400A	04	MD28NA	01	4	TD4	D2		23B		
15510		XA420	37		XA420	31				168	9		MP400A	05	MD16NA	01	4	TD4	C1		18B		
15511		XA420	31		XA420	25				168	9		MP400A	06	MD20NA	01	4	TD4	C2		15B		
15512		XA420	25		XA420	19				168	9		MP400A	07	MD08NA	01	4	TD4	B1		12B		
15513		XA420	19		XA420	13				168	9		MP400A	08	MD12NA	01	4	TD4	B2		09B		
										****	SIGNAL		MP400A		S ON THE		NEXT PAGE		****				



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MP400A

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
15514		XA420	13			XA420	07			168	9		MP400A	09	MD00NA	01	4	TD4	A1		06B		
15515		XA420	07			XA420	07			168	9		MP400A	10	MD04NA	01	4	TD4	A2		03A		
15516		XA537	77			XA531	50			168	9		MP401A	01	MK06NA	01	2	TS8	F1		38B		
15517		XA531	50			XA420	54			168	9		MP401A	02	MP401A	00	1	TT3	D1		23A		
15518		XA420	54			XA420	48			168	9		MP401A	03	MD24NA	01	2	TD4	D1		25A		
15519		XA420	48			XA420	40			168	9		MP401A	04	MD28NA	01	2	TD4	D2		22A		
15520		XA420	40			XA420	34			168	9		MP401A	05	MD16NA	01	2	TD4	C1		19A		
15521		XA420	34			XA420	24			168	9		MP401A	06	MD20NA	01	2	TD4	C2		16A		
15522		XA420	24			XA420	18			168	9		MP401A	07	MD08NA	01	2	TD4	B1		13A		
15523		XA420	18			XA420	08			168	9		MP401A	08	MD12NA	01	2	TD4	B2		10A		
15524		XA420	08			XA420	01			168	9		MP401A	09	MD00NA	01	2	TD4	A1		06A		
15525		XA420	01							168	9		MP401A	10	MD04NA	01	3	TD4	A2		02B		
15526		XA535	71			XA531	39			168	9		MP403A	01	MP4030	01	2	TQ2	F2		36A		
15527		XA531	39							168	9		MP403A	02	MP403A	00	1	TT3	C3		19B		
15528		XA535	72			XA531	56			168	9		MP4030	01	MP4030	00	1	TQ2	F2		34A		
15529		XA531	56			XA531	41			168	9		MP4030	02	MP401A	01	1	TT3	D1		26A		
15530		XA531	41							168	9		MP4030	03	MP400A	01	3	TT3	D2		22B		
15535		XA534	76			XA531	34			168	9		MP406A	01	MP406A	00	1	TS8	F1		37A		
15536		XA531	34							168	9		MP406A	02	MP4090	01	1	TT3	C2		16A		
15537		XA537	11			XA531	30			168	9		MP407A	01	MP407A	00	1	TS8	A1		05B		
15538		XA531	30							168	9		MP407A	02	MP4090	01	2	TT3	C2		15A		
15539		XA531	29			XA529	33			168	9		MP408A	01	MP4090	01	3	TT3	C2		14B		
15540		XA529	33							168	9		MP408A	02	MP408A	00	1	TD4	C2		16B		
15543		XA531	31			XA507	11			168	9		MP4090	01	MP4090	00	1	TT3	C2		15B		
09951		XA507	11							168	9		MP4090	02	MYPAROX	01	1	DCF	A2		04B		
15545		XA431	06			XA429	06			168	9		MX1000	01	MB02XX	01	1	MEM	AX		05A		
15546		XA429	06			XA428	06			168	9		MX1000	02	MB01XX	01	1	MEM	AX		05A		
15547		XA428	06			XA427	06			168	9		MX1000	03	MB00XX	01	1	MEM	AX		05A		
15548		XA427	06							168	9		MX1000	04	MX1000	00	1	TQ2	A1		05A		
15549		XA432	06			XA427	09			168	9		MX1010	01	MB03XX	01	1	MEM	AX		05A		
15550		XA427	09			XA428	38			168	9		MX1010	02	MX1010	00	1	TQ2	A3		04B		
15551		XA428	38			XA429	38			168	9		MX1010	03	MB04XX	01	1	MEM	BX		18A		
15552		XA429	38							168	9		MX1010	04	MB05XX	01	1	MEM	BX		18A		
15553		XA432	38			XA431	38			168	9		MX1020	01	MB07XX	01	1	MEM	BX		18A		
15554		XA431	38			XA427	22			168	9		MX1020	02	MB06XX	01	1	MEM	BX		18A		
15555		XA427	22							168	9		MX1020	03	MX1020	00	1	TQ2	B1		12A		
15556		XA431	52			XA429	52			168	9		MX1030	01	MB10XX	01	1	MEM	CX		24A		
15557		XA429	52			XA428	52			168	9		MX1030	02	MB09XX	01	1	MEM	CX		24A		
15558		XA428	52			XA427	52			168	9		MX1030	03	MB08XX	01	1	MEM	CX		24A		
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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											
15559		XA427	52						16B 9		MX1030	04	MX1030	00 1	TQ2	D1		24A		
15560		XA432	52		XA429	75			16B 9		MX1040	01	MB11XX	01 1	MEM	CX		24A		
15561		XA429	75		XA428	75			16B 9		MX1040	02	MB13XX	01 1	MEM	DX		37B		
15562		XA428	75		XA427	45			16B 9		MX1040	03	MB12XX	01 1	MEM	DX		37B		
15563		XA427	45						16B 9		MX1040	04	MX1040	00 1	TQ2	D3		24B		
15564		XA432	75		XA431	75			16B 9		MX1050	01	MB15XX	01 1	MEM	DX		37B		
15565		XA431	75		XA427	66			16B 9		MX1050	02	MB14XX	01 1	MEM	DX		37B		
15566		XA427	66						16B 9		MX1050	03	MX1050	00 1	TQ2	E1		31A		
15567		XA431	08		XA429	08			16B 9		MX2000	01	MB02XX	01 2	MEM	AX		06A		
15568		XA429	08		XA428	08			16B 9		MX2000	02	MB01XX	01 2	MEM	AX		06A		
15569		XA428	08		XA427	21			16B 9		MX2000	03	MB00XX	01 2	MEM	AX		06A		
15570		XA427	21						16B 9		MX2000	04	MX2000	00 1	TQ2	B3		10B		
15571		XA432	08		XA429	40			16B 9		MX2010	01	MB03XX	01 2	MEM	AX		06A		
15572		XA429	40		XA428	40			16B 9		MX2010	02	MB05XX	01 2	MEM	BX		19A		
15573		XA428	40		XA427	38			16B 9		MX2010	03	MB04XX	01 2	MEM	BX		19A		
15574		XA427	38						16B 9		MX2010	04	MX2010	00 1	TQ2	C1		18A		
15575		XA432	40		XA431	40			16B 9		MX2020	01	MB07XX	01 2	MEM	BX		19A		
15576		XA431	40		XA427	33			16B 9		MX2020	02	MB06XX	01 2	MEM	BX		19A		
15577		XA427	33						16B 9		MX2020	03	MX2020	00 1	TQ2	C3		16B		
15578		XA431	54		XA429	54			16B 9		MX2030	01	MB10XX	01 2	MEM	CX		25A		
15579		XA429	54		XA428	54			16B 9		MX2030	02	MB09XX	01 2	MEM	CX		25A		
15580		XA428	54		XA427	57			16B 9		MX2030	03	MB08XX	01 2	MEM	CX		25A		
15581		XA427	57						16B 9		MX2030	04	MX2030	00 1	TQ2	E3		30B		
15582		XA432	54		XA429	77			16B 9		MX2040	01	MB11XX	01 2	MEM	CX		25A		
15583		XA429	77		XA428	77			16B 9		MX2040	02	MB13XX	01 2	MEM	DX		38B		
15584		XA428	77		XA427	75			16B 9		MX2040	03	MB12XX	01 2	MEM	DX		38B		
15585		XA427	75						16B 9		MX2040	04	MX2040	00 1	TQ2	F1		37B		
15586		XA432	77		XA431	77			16B 9		MX2050	01	MB15XX	01 2	MEM	DX		38B		
15587		XA431	77		XA427	69			16B 9		MX2050	02	MB14XX	01 2	MEM	DX		38B		
15588		XA427	69						16B 9		MX2050	03	MX2050	00 1	TQ2	F3		35A		
15589		XA431	10		XA429	10			16B 9		MX3000	01	MB02XX	01 3	MEM	AX		07A		
15590		XA429	10		XA428	10			16B 9		MX3000	02	MB01XX	01 3	MEM	AX		07A		
15591		XA428	10		XA426	06			16B 9		MX3000	03	MB00XX	01 3	MEM	AX		07A		
15592		XA426	06						16B 9		MX3000	04	MX3000	00 1	TQ2	A1		05A		
15593		XA432	10		XA429	42			16B 9		MX3010	01	MB03XX	01 3	MEM	AX		07A		
15594		XA429	42		XA428	42			16B 9		MX3010	02	MB05XX	01 3	MEM	BX		20A		
15595		XA428	42		XA426	09			16B 9		MX3010	03	MB04XX	01 3	MEM	BX		20A		
15596		XA426	09						16B 9		MX3010	04	MX3010	00 1	TQ2	A3		04B		
15597		XA432	42		XA431	42			16B 9		MX3020	01	MB07XX	01 3	MEM	BX		20A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR													IDENT
15598		XA431	42		XA426	22				16B	9		MX3020	02	MB06XX	01	3	MEM	BX		20A			
15599		XA426	22							16B	9		MX3020	03	MX3020	00	1	TQ2	B1		12A			
15600		XA431	56		XA429	56				16B	9		MX3030	01	MB10XX	01	3	MEM	CX		26A			
15601		XA429	56		XA428	56				16B	9		MX3030	02	MB09XX	01	3	MEM	CX		26A			
15602		XA428	56		XA426	52				16B	9		MX3030	03	MB08XX	01	3	MEM	CX		26A			
15603		XA426	52							16B	9		MX3030	04	MX3030	00	1	TQ2	D1		24A			
15604		XA432	56		XA429	79				16B	9		MX3040	01	MB11XX	01	3	MEM	CX		26A			
15605		XA429	79		XA428	79				16B	9		MX3040	02	MB13XX	01	3	MEM	DX		39B			
15606		XA428	79		XA426	45				16B	9		MX3040	03	MB12XX	01	3	MEM	DX		39B			
15607		XA426	45							16B	9		MX3040	04	MX3040	00	1	TQ2	D3		24B			
15608		XA432	79		XA431	79				16B	9		MX3050	01	MB15XX	01	3	MEM	DX		39B			
15609		XA431	79		XA426	66				16B	9		MX3050	02	MB14XX	01	3	MEM	DX		39B			
15610		XA426	66							16B	9		MX3050	03	MX3050	00	1	TQ2	E1		31A			
15611		XA431	15		XA429	15				16B	9		MX4000	01	MB02XX	01	4	MEM	AX		07B			
15612		XA429	15		XA428	15				16B	9		MX4000	02	MB01XX	01	4	MEM	AX		07B			
15613		XA428	15		XA426	21				16B	9		MX4000	03	MB00XX	01	4	MEM	AX		07B			
15614		XA426	21							16B	9		MX4000	04	MX4000	00	1	TQ2	B3		10B			
15615		XA432	15		XA429	39				16B	9		MX4010	01	MB03XX	01	4	MEM	AX		07B			
15616		XA429	39		XA428	39				16B	9		MX4010	02	MB05XX	01	4	MEM	BX		19B			
15617		XA428	39		XA426	38				16B	9		MX4010	03	MB04XX	01	4	MEM	BX		19B			
15618		XA426	38							16B	9		MX4010	04	MX4010	00	1	TQ2	C1		18A			
15619		XA432	39		XA431	39				16B	9		MX4020	01	MB07XX	01	4	MEM	BX		19B			
15620		XA431	39		XA426	33				16B	9		MX4020	02	MB06XX	01	4	MEM	BX		19B			
15621		XA426	33							16B	9		MX4020	03	MX4020	00	1	TQ2	C3		16B			
15622		XA431	51		XA429	51				16B	9		MX4030	01	MB10XX	01	4	MEM	CX		27B			
15623		XA429	51		XA428	51				16B	9		MX4030	02	MB09XX	01	4	MEM	CX		27B			
15624		XA428	51		XA426	57				16B	9		MX4030	03	MB08XX	01	4	MEM	CX		27B			
15625		XA426	57							16B	9		MX4030	04	MX4030	00	1	TQ2	E3		30B			
15626		XA432	51		XA429	80				16B	9		MX4040	01	MB11XX	01	4	MEM	CX		27B			
15627		XA429	80		XA428	80				16B	9		MX4040	02	MB13XX	01	4	MEM	DX		39A			
15628		XA428	80		XA426	75				16B	9		MX4040	03	MB12XX	01	4	MEM	DX		39A			
15629		XA426	75							16B	9		MX4040	04	MX4040	00	1	TQ2	F1		37B			
15630		XA432	80		XA431	80				16B	9		MX4050	01	MB15XX	01	4	MEM	DX		39A			
15631		XA431	80		XA426	69				16B	9		MX4050	02	MB14XX	01	4	MEM	DX		39A			
15632		XA426	69							16B	9		MX4050	03	MX4050	00	1	TQ2	F3		35A			
15633		XA418	10		XA410	08				16B	9		MYA00A	01	MD0010	01	1	TD4	A1		07A			
15634		XA410	08		XA408	06				16B	9		MYA00A	02	MYA000	01	2	TQ2	A1		06A			
15719		XA408	06							16B	9		MYA00A	03	MYA00A	00	1	TQ2	A1		05A	Y108BB BUSS		
09350		XA407	07									J	MYA00DX	01	MYA00DX	00	1	DCF	A1		02B	Y100BB BUSS		

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
15641		XA410	06			XA316	78			168	9		MYA000	01	MYA000	00	1	TQ2	A1		05A		
15642		XA316	78							168	9		MYA000	02	DM001D	01	2	TLD	F4		38A		
15688		XA407	09			XA408	08			168	9		MYA000X	01	MYA000X	00	1	DCF	A2		03B		
17550		XA408	08							168	9		MYA000X	02	MYA000A	01	2	TQ2	A1		08A		
15643		XA418	01			XA410	04			168	9		MYA01A	01	MD0110	01	3	T04	A2		02B		
15644		XA410	04			XA408	01			168	9		MYA01A	02	MYA010	01	1	TQ2	A2		04A		
17549		XA408	01							168	9		MYA01A	03	MYA01A	00	1	TQ2	A2		02B		
14665		XA407	17									J	MYA01DX	01	MYA01DX	00	1	DCF	A3		07B	YI01DB BUSS	
15651		XA410	01			XA316	74			168	9		MYA010	01	MYA010	00	1	TQ2	A2		02B		
15652		XA316	74							168	9		MYA010	02	DM011D	01	2	TLD	F3		35B		
09354		XA407	15			XA408	05			168	9		MYA010X	01	MYA010X	00	1	DCF	A4		06B		
09396		XA408	05							168	9		MYA010X	02	MYA01A	01	2	TQ2	A2		03B		
15653		XA418	25			XA410	07			168	9		MYA02A	01	MD0210	01	4	T04	B1		12B		
15654		XA410	07			XA408	09			168	9		MYA02A	02	MYA020	01	2	TQ2	A3		03A		
15729		XA408	09							168	9		MYA02A	03	MYA02A	00	1	TQ2	A3		04B	YI09BB BUSS	
09353		XA407	14									J	MYA02DX	01	MYA02DX	00	1	DCF	A5		08B	YI02DB BUSS	
15661		XA410	09			XA316	73			168	9		MYA020	01	MYA020	00	1	TQ2	A3		04B		
15662		XA316	73							168	9		MYA020	02	DM021D	01	1	TLD	F2		36B		
14661		XA407	10			XA408	07			168	9		MYA020X	01	MYA020X	00	1	DCF	A6		07A		
09397		XA408	07							168	9		MYA020X	02	MYA02A	01	2	TQ2	A3		03A		
15663		XA418	19			XA410	13			168	9		MYA03A	01	MD0310	01	4	T04	B2		09B		
15664		XA410	13			XA408	15			168	9		MYA03A	02	MYA030	01	2	TQ2	A4		06B		
09401		XA408	15							168	9		MYA03A	03	MYA03A	00	1	TQ2	A4		07B		
17545		XA407	01									J	MYA03DX	01	MYA03DX	00	1	DCF	A7		02A	YI03DB	
15671		XA410	15			XA316	77			168	9		MYA030	01	MYA030	00	1	TQ2	A4		07B		
15672		XA316	77							168	9		MYA030	02	DM031D	01	2	TLD	F1		38B		
14663		XA407	03			XA408	13			168	9		MYA030X	01	MYA030X	00	1	DCF	A8		03A		
09399		XA408	13							168	9		MYA030X	02	MYA03A	01	2	TQ2	A4		06B		
15673		XA418	38			XA410	24			168	9		MYA04A	01	MD0410	01	3	T04	C1		18A		
15674		XA410	24			XA408	22			168	9		MYA04A	02	MYA040	01	2	TQ2	B1		13A		
15726		XA408	22							168	9		MYA04A	03	MYA04A	00	1	TQ2	B1		12A		
09358		XA407	27									J	MYA04DX	01	MYA04DX	00	1	DCF	B1		10B	YI04DB BUSS	
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MYA040

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RECORD NUMBER	FROM			TO			WIRE			IDENT	SIGNAL	SEQ NO	EQUATION	TERMS	FACTS	CKT OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
15681		XA410	22		XA316	61		168	9		MYA040	01	MYA040	00	1	TQ2	B1		12A		
15682		XA316	61					168	9		MYA040	02	DM041D	01	2	TLD	E4		32B		
13864		XA407	29		XA408	24		168	9		MYA040X	01	MYA040X	00	1	DCF	B2		11B		
09403		XA408	24					168	9		MYA040X	02	MYA04A	01	2	TQ2	B1		13A		
15683		XA418	30		XA410	20		168	9		MYA05A	01	MD051J	01	3	T04	C2		15A		
15684		XA410	20		XA408	14		168	9		MYA05A	02	MYA050	01	1	TQ2	B2		11A		
09400		XA408	14					168	9		MYA05A	03	MYA05A	00	1	TQ2	B2		09A		
13860		XA407	37							J	MYA05DX	01	MYA05DX	00	1	DCF	B3		15B	YI05DB BUSS	
15691		XA410	14		XA316	55		168	9		MYA050	01	MYA050	00	1	TQ2	B2		09A		
15692		XA316	55					168	9		MYA050	02	DM051D	01	2	TLD	E3		29B		
09361		XA407	35		XA408	18		168	9		MYA050X	01	MYA050X	00	1	DCF	B4		14B		
15544		XA408	18					168	9		MYA050X	02	MYA05A	01	2	TQ2	B2		10A		
15693		XA418	49		XA410	19		168	9		MYA06A	01	MD0610	01	4	T04	D1		26B		
15694		XA410	19		XA408	21		168	9		MYA06A	02	MYA060	01	2	TQ2	B3		09B		
15735		XA408	21					168	9		MYA06A	03	MYA06A	00	1	TQ2	B3		10B		
09364		XA407	41							J	MYA06DX	01	MYA06DX	00	1	DCF	B5		16A	YI06DB BUSS	
15701		XA410	21		XA316	64		168	9		MYA060	01	MYA060	00	1	TQ2	B3		10B		
15702		XA316	64					168	9		MYA060	02	DM061D	01	1	TLD	E2		30A		
09363		XA407	40		XA408	19		168	9		MYA060X	01	MYA060X	00	1	DCF	B6		15A		
17551		XA408	19					168	9		MYA060X	02	MYA06A	01	2	TQ2	B3		09B		
15703		XA512	72		XA408	27		168	9		MYA07A	01	CSE0DA	01	6	T58	F1		34A		
09405		XA408	27		XA410	25		168	9		MYA07A	02	MYA07A	00	1	TQ2	B4		13B		
15705		XA410	25		XA418	43		168	9		MYA07A	03	MYA070	01	2	TQ2	B4		12B		
15706		XA418	43					168	9		MYA07A	04	MD0710	01	4	T04	D2		23B		
09355		XA407	23							J	MYA07DX	01	MYA07DX	00	1	DCF	B7		10A	YI07DB BUSS	
15712		XA410	27		XA316	70		168	9		MYA070	01	MYA070	00	1	TQ2	B4		13B		
15713		XA316	70					168	9		MYA070	02	DM071D	01	1	TLD	E1		33A		
09359		XA407	30		XA408	25		168	9		MYA070X	01	MYA070X	00	1	DCF	B8		11A		
09404		XA408	25					168	9		MYA070X	02	MYA07A	01	2	TQ2	B4		12B		
15714		XA416	10		XA410	40		168	9		MYA08A	01	MD0810	01	1	TT3	A1		07A		
15715		XA410	40		XA408	38		168	9		MYA08A	02	MYA080	01	2	TQ2	C1		19A		
09409		XA408	38					168	9		MYA08A	03	MYA08A	00	1	TQ2	C1		18A		
09368		XA407	46							J	MYA08DX	01	MYA08DX	00	1	DCF	C1		25B	YI08DB BUSS	
15722		XA410	38		XA326	78		168	9		MYA080	01	MYA080	00	1	TQ2	C1		18A		
								****			SIGNAL		(MYA080)			IS ON THE			NEXT PAGE	****	

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
15723		XA326	78					16B	9		MYA080	02	DM0810	01	2	TLD	F4	38A			
09369		XA407	47		XA408	40		16B	9		MYA080X	01	MYA080X	00	1	DCF	C2	26B			
09410		XA408	40					16B	9		MYA080X	02	MYA08A	01	2	TQ2	C1	19A			
15724		XA416	05		XA410	34		16B	9		MYA09A	01	MD0910	01	1	TT3	A2	03B			
15725		XA410	34		XA408	30		16B	9		MYA09A	02	MYA090	01	2	TQ2	C2	16A			
09406		XA408	30					16B	9		MYA09A	03	MYA09A	00	1	TQ2	C2	15A			
09376		XA407	55							J	MYA09DX	01	MYA09DX	00	1	DCF	C3	30B	YI09DB BUSS		
15732		XA410	30		XA326	74		16B	9		MYA090	01	MYA090	00	1	TQ2	C2	15A			
15733		XA326	74					16B	9		MYA090	02	DM0910	01	2	TLD	F3	35B			
00254		XA407	56		XA408	34		16B	9		MYA090X	01	MYA090X	00	1	DCF	C4	29B			
15133		XA408	34					16B	9		MYA090X	02	MYA09A	01	2	TQ2	C2	16A			
15734		XA416	13		XA410	29		16B	9		MYA10A	01	MD1010	01	3	TT3	A3	06B			
15735		XA410	29		XA408	33		16B	9		MYA10A	02	MYA100	01	1	TQ2	C3	14B			
15716		XA408	33					16B	9		MYA10A	03	MYA10A	00	1	TQ2	C3	16B			
09379		XA407	60							J	MYA10DX	01	MYA10DX	00	1	DCF	C5	31B	YI10DB BUSS		
15742		XA410	33		XA326	73		16B	9		MYA100	01	MYA100	00	1	TQ2	C3	16B			
15743		XA326	73					16B	9		MYA100	02	DM1010	01	1	TLD	F2	36B			
09377		XA407	57		XA408	31		16B	9		MYA100X	01	MYA100X	00	1	DCF	C6	31A			
09407		XA408	31					16B	9		MYA100X	02	MYA10A	01	2	TQ2	C3	15B			
15744		XA511	08		XA416	24		16B	9		MYA11A	01	MYA110	01	2	TQ2	A1	06A			
15745		XA416	24		XA408	39		16B	9		MYA11A	02	MD1110	01	2	TT3	B1	13A			
15736		XA408	39					16B	9		MYA11A	03	MYA11A	00	1	TQ2	C4	19B			
09366		XA407	43							J	MYA110X	01	MYA110X	00	1	DCF	C7	25A	YI11DB BUSS		
15754		XA511	06		XA326	77		16B	9		MYA110	01	MYA110	00	1	TQ2	A1	05A			
15755		XA326	77					16B	9		MYA110	02	DM1110	01	2	TLD	F1	38B			
09370		XA407	48		XA408	37		16B	9		MYA110X	01	MYA110X	00	1	DCF	C8	26A			
13895		XA408	37					16B	9		MYA110X	02	MYA11A	01	2	TQ2	C4	18B			
15136		XA408	52		XA511	05		16B	9		MYA12A	01	MYA12A	00	1	TQ2	D1	24A	YI0P8B BUSS		
15757		XA511	05		XA416	18		16B	9		MYA12A	02	MYA120	01	2	TQ2	A2	03B			
15758		XA416	18					16B	9		MYA12A	03	MD1210	01	1	TT3	B2	10A			
09383		XA407	65							J	MYA12DX	01	MYA12DX	00	1	DCF	D1	32B	YI12DB BUSS		
15766		XA511	01		XA326	61		16B	9		MYA120	01	MYA120	00	1	TQ2	A2	02B			
15767		XA326	61					16B	9		MYA120	02	DM1210	01	2	TLD	E4	32B			
											****	SIGNAL	(MYA120X)								

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR											
09386 09422		XA407	69 54			XA408	54			168 168	9 9		MYA120X MYA120X	01 02	MYA120X MYA12A	00 01	1 2	DCF TQ2	D2 D1	33B 25A		
15768 15770 15771 09415		XA512	74 03 25 46			XA511 XA416 XA408	03 25 46			168 168 168 168	9 9 9 9		MYA13A MYA13A MYA13A MYA13A	01 03 04 05	CSE0DA MYA130 DM1310 MYA13A	01 01 01 00	7 1 3 1	TS8 TQ2 TT3 TQ2	F1 A3 B3 D2	35B 02A 12B 21A		
00168		XA407	78										J MYA13DX	01	MYA13DX	00	1	DCF	D3	37B	YI130B BUSS	
15779 15780		XA511	09 55			XA326	55			168 168	9 9		MYA130 MYA130	01 02	MYA130 DM131D	00 01	1 2	TQ2 TLD	A3 E3	04B 29B		
16118 09417		XA407	75 48			XA408	48			168 168	9 9		MYA130X MYA130X	01 02	MYA130X MYA13A	00 01	1 2	DCF TQ2	D4 D2	36B 22A		
15781 15783 15784 09414		XA512 XA511	71 11			XA511 XA416	11 42			168 168	9 9		MYA14A MYA14A	01 03	CSE0DA MYA140	01 01	5 1	TS8 TQ2	F1 A4	36A 05B		
15784 09414		XA416 XA408	42 45			XA408	45			168 168	9 9		MYA14A MYA14A	04 05	DM1410 MYA14A	01 00	1 1	TT3 TQ2	C1 D3	20A 24B		
21311		XA407	80										J MYA14DX	01	MYA14DX	00	1	DCF	D5	38B	YI140B BUSS	
15792 15793		XA511	15 64			XA326	64			168 168	9 9		MYA140 MYA140	01 02	MYA140 DM141D	00 01	1 1	TQ2 TLD	A4 E2	07B 30A		
09392 09413		XA407 XA408	76 43			XA408	43			168 168	9 9		MYA140X MYA140X	01 02	MYA140X MYA14A	00 01	1 2	DCF TQ2	D6 D3	38A 23B		
15794 15795 15797 09420		XA512 XA511	73 26			XA511 XA416	26 34			168 168	9 9		MYA15A MYA15A	01 02	CSE0DA MYA150	01 01	4 1	TS8 TQ2	F1 B1	36B 14A		
15797 09420		XA416 XA408	34 51			XA408	51			168 168	9 9		MYA15A MYA15A	04 05	DM1510 MYA15A	01 00	1 1	TT3 TQ2	C2 D4	16A 27B		
09380		XA407	61										J MYA15DX	01	MYA15DX	00	1	DCF	D7	33A	YI150B BUSS	
15804 15805		XA511 XA326	22 70			XA326	70			168 168	9 9		MYA150 MYA150	01 02	MYA150 DM151D	00 01	1 1	TQ2 TLD	B1 E1	12A 33A		
09385 09418		XA407 XA408	68 49			XA408	49			168 168	9 9		MYA150X MYA150X	01 02	MYA150X MYA15A	00 01	1 2	DCF TQ2	D8 D4	34A 26B		
15894 15807 15808		XA508 XA511	06 18			XA511 XA416	18 37			168 168	9 9		MYA16A MYA16A	01 02	MYA16A MYA160	00 01	1 2	TQ2 TQ2	A1 B2	05A 10A		
15808		XA416	37							168	9		MYA16A	03	DM1610	01	3	TT3	C3	18B		
09903		XA506	07										J MYA16DX	01	MYA16DX	00	1	DCF	A1	02B	YI160B BUSS	
15815 15816		XA511 XA324	14 49			XA324	49			168 168	9 9		MYA160 MYA160	01 02	MYA160 DM162D	00 01	1 2	TQ2 TLD	B2 D4	09A 26B		

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT												
15811 17251	XA506	09			XA508	08				168	9		MYA160X	01	MYA160X	00	1	DCF	A2		03B			
	XA508	08								168	9		MYA160X	02	MYA16A	01	2	TQ2	A1		06A			
15817 15818 17250	XA511	17			XA416	56				168	9		MYA17A	01	MYA170	01	1	TQ2	B3		08B			
	XA416	56			XA508	01				168	9		MYA17A	02	MD1710	01	1	TT3	D1		26A			
	XA508	01								168	9		MYA17A	03	MYA17A	00	1	TQ2	A2		02B			
14703	XA506	17								168	9	J	MYA17DX	01	MYA17DX	00	1	DCF	A3		07B	YI17DB BUSS		
15827 15828	XA511	21			XA324	43				168	9		MYA170	01	MYA170	00	1	TQ2	B3		10B			
	XA324	43								168	9		MYA170	02	DM172D	01	2	TLD	D3		23B			
09907 09996	XA506	15			XA508	05				168	9		MYA170X	01	MYA170X	00	1	DCF	A4		06B			
	XA508	05								168	9		MYA170X	02	MYA17A	01	2	TQ2	A2		03B			
15906 15830 15831	XA508	09			XA511	23				168	9		MYA18A	01	MYA18A	00	1	TQ2	A3		04B			
	XA511	23			XA416	48				168	9		MYA18A	02	MYA180	01	1	TQ2	B4		11B			
	XA416	48								168	9		MYA18A	03	MD1810	01	1	TT3	D2		22A			
09906	XA506	14										J	MYA18DX	01	MYA18DX	00	1	DCF	A5		08B	YI180B BUSS		
15839 15840	XA511	27			XA324	50				168	9		MYA180	01	MYA180	00	1	TQ2	B4		13B			
	XA324	50								168	9		MYA180	02	DM182D	01	1	TLD	D2		23A			
14699 09997	XA506	10			XA508	07				168	9		MYA180X	01	MYA180X	00	1	DCF	A6		07A			
	XA508	07								168	9		MYA180X	02	MYA18A	01	2	TQ2	A3		03A			
15841 15842 10001	XA511	40			XA416	49				168	9		MYA19A	01	MYA190	01	2	TQ2	C1		19A			
	XA416	49			XA508	15				168	9		MYA19A	02	MD1910	01	3	TT3	D3		26B			
	XA508	15								168	9		MYA19A	03	MYA19A	00	1	TQ2	A4		07B			
17238	XA506	01										J	MYA19DX	01	MYA19DX	00	1	DCF	A7		02A	YI19DB BUSS		
15851 15852	XA511	38			XA324	54				168	9		MYA190	01	MYA190	00	1	TQ2	C1		18A			
	XA324	54								168	9		MYA190	02	DM192D	01	2	TLD	D1		25A			
14701 09999	XA506	03			XA508	13				168	9		MYA190X	01	MYA190X	00	1	DCF	A8		03A			
	XA508	13								168	9		MYA190X	02	MYA19A	01	2	TQ2	A4		06B			
15902 15854 15855	XA508	22			XA511	34				168	9		MYA20A	01	MYA20A	00	1	TQ2	B1		12A			
	XA511	34			XA416	70				168	9		MYA20A	02	MYA200	01	2	TQ2	C2		16A			
	XA416	70								168	9		MYA20A	03	MD2010	01	1	TT3	E1		33A			
09911	XA506	27										J	MYA200X	01	MYA200X	00	1	DCF	B1		10B	YI200B BUSS		
15863 15864	XA511	30			XA324	37				168	9		MYA200	01	MYA200	00	1	TQ2	C2		15A			
	XA324	37								168	9		MYA200	02	DM202D	01	2	TLD	C4		18B			
													****	SIGNAL	MYA200X									



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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
13894 10003		XA506	29			XA508	24			16B	9		MYA200X	01	MYA200X	00	1	DCF	B2		11B		
		XA508	24							16B	9		MYA200X	02	MYA20A	01	2	TQ2	B1		13A		
10000		XA508	14			XA511	29			16B	9		MYA21A	01	MYA21A	00	1	TQ2	B2		09A		
15866		XA511	29			XA416	62			16B	9		MYA21A	02	MYA210	01	1	TQ2	C3		14B		
15867		XA416	62							16B	9		MYA21A	03	MD2110	01	1	TT3	E2		29A		
13916		XA506	37			XA507	29			16B	9	J	MYA21DX	01	MYA21DX	00	1	DCF	B3		15B	YI210B BUSS	
15875		XA511	33			XA324	31			16B	9		MYA210	01	MYA210	00	1	TQ2	C3		16B		
15876		XA324	31							16B	9		MYA210	02	DM212D	01	2	TLD	C3		15B		
09914 17252		XA506	35			XA508	18			16B	9		MYA210X	01	MYA210X	00	1	DCF	B4		14B		
		XA508	18							16B	9		MYA210X	02	MYA21A	01	2	TQ2	B2		10A		
15918		XA508	21			XA511	35			16B	9		MYA22A	01	MYA22A	00	1	TQ2	B3		10B		
15878		XA511	35			XA416	61			16B	9		MYA22A	02	MYA220	01	1	TQ2	C4		17B		
15879		XA416	61							16B	9		MYA22A	03	MD2210	01	3	TT3	E3		32B		
09917		XA506	41									J	MYA22DX	01	MYA22DX	00	1	DCF	B5		16A	YI220B BUSS	
15887		XA511	39			XA324	36			16B	9		MYA220	01	MYA220	00	1	TQ2	C4		19B		
15888		XA324	36							16B	9		MYA220	02	DM222D	01	1	TLD	C2		17A		
09916 17253		XA506	40			XA508	19			16B	9		MYA220X	01	MYA220X	00	1	DCF	B6		15A		
		XA508	19							16B	9		MYA220X	02	MYA22A	01	2	TQ2	B3		09B		
10005		XA508	27			XA511	54			16B	9		MYA23A	00	MYA23A	00	1	TQ2	B4		13B		
15889		XA511	54			XA416	79			16B	9		MYA23A	01	MYA230	01	2	TQ2	D1		25A		
15891		XA416	79							16B	9		MYA23A	03	MD2310	01	1	TT3	F1		39B		
09908		XA506	23									J	MYA230X	01	MYA230X	00	1	DCF	B7		10A	YI230B BUSS	
15899		XA511	52			XA324	42			16B	9		MYA230	01	MYA230	00	1	TQ2	D1		24A		
15900		XA324	42							16B	9		MYA230	02	DM232D	01	1	TLD	C1		20A		
09912 10004		XA506	30			XA508	25			16B	9		MYA230X	01	MYA230X	00	1	DCF	B8		11A		
		XA508	25							16B	9		MYA230X	02	MYA23A	01	2	TQ2	B4		12B		
10009		XA508	38			XA511	48			16B	9		MYA24A	00	MYA24A	00	1	TQ2	C1		18A		
15901		XA511	48			XA415	10			16B	9		MYA24A	01	MYA240	01	2	TQ2	D2		22A		
15903		XA415	10							16B	9		MYA24A	03	MD2410	01	1	TQ2	A1		07A		
09921		XA506	46									J	MYA240X	01	MYA240X	00	1	DCF	C1		25B	YI240B BUSS	
15911		XA511	46			XA322	25			16B	9		MYA240	01	MYA240	00	1	TQ2	D2		21A		
15912		XA322	25							16B	9		MYA240	02	DM244D	01	2	TLD	B4		12B		
09922 10010		XA506	47			XA508	40			16B	9		MYA240X	01	MYA240X	00	1	DCF	C2		26B		
		XA508	40							16B	9		MYA240X	02	MYA24A	01	2	TQ2	C1		19A		

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RECORD NUMBER	FROM				TO				WIRE			SPEC INST	SIGNAL	SEQ NO	EQUATION	TELE	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
10006 15914 15915		XA508	30 41 04			XA511	41 04			168	9		MYA25A MYA25A MYA25A	01 02 03	MYA25A MYA250 MD2510	00 01 01	1 1 1	TQ2 TQ2 TQ2	C2 D3 A2		15A 228 04A			
09929		XA506	55									J	MYA25DX	01	MYA25DX	00	1	DCF	C3		308	YI25DB BUSS		
15923 15924		XA511	45 19			XA322	19			168	9		MYA250 MYA250	01 02	MYA250 DM2540	00 01	1 2	TQ2 TLD	D3 B3		248 098			
00258 15925		XA506	56 34			XA508	34			168	9		MYA250X MYA250X	01 02	MYA250X MYA25A	00 01	1 2	DCF TQ2	C4 C2		298 16A			
15890 15926 15927		XA508	33 47 07			XA511	47 07			168	9		MYA26A MYA26A MYA26A	01 02 03	MYA26A MYA260 MD2610	00 01 01	1 1 2	TQ2 TQ2 TQ2	C3 D4 A3		168 258 03A			
09932		XA506	60									J	MYA26DX	01	MYA26DX	00	1	DCF	C5		31B	YI26DB BUSS		
15935 15936		XA511	51 20			XA322	20			168	9		MYA260 MYA260	01 02	MYA260 DM2640	00 01	1 1	TQ2 TLD	D4 B2		278 11A			
09930 10007		XA506	57 31			XA508	31			168	9		MYA260X MYA260X	01 02	MYA260X MYA26A	00 01	1 2	DCF TQ2	C6 C3		31A 15B			
15913 15937 15938		XA508	39 68 13			XA511	68 13			168	9		MYA27A MYA27A MYA27A	00 01 02	MYA27A MYA270 MD2710	00 01 01	1 2 2	TQ2 TQ2 TQ2	C4 E1 A4		198 32A 068			
09919		XA506	43									J	MYA270X	01	MYA270X	00	1	DCF	C7		25A	YI27DB BUSS		
15947 15948		XA511	66 24			XA322	24			168	9		MYA270 MYA270	01 02	MYA270 DM2740	00 01	1 2	TQ2 TLD	E1 B1		31A 13A			
09923 13936		XA506	48 37			XA508	37			168	9		MYA270X MYA270X	01 02	MYA270X MYA27A	00 01	1 2	DCF TQ2	C8 C4		26A 188			
15930 15949 15951		XA508	52 62 26			XA511	62 26			168	9		MYA28A MYA28A MYA28A	00 01 03	MYA28A MYA280 MD2810	00 01 01	1 2 1	TQ2 TQ2 TQ2	D1 E2 B1		24A 29A 14A			
09936		XA506	65									J	MYA28DX	01	MYA28DX	00	1	DCF	D1		328	YI28DB BUSS		
15959 15960		XA511	60 13			XA322	13			168	9		MYA280 MYA280	01 02	MYA280 DM2840	00 01	1 2	TQ2 TLD	E2 A4		28A 068			
09939 10022		XA506	69 54			XA508	54			168	9		MYA280X MYA280X	01 02	MYA280X MYA28A	00 01	1 2	DCF TQ2	D2 D1		338 25A			
													****	SIGNAL	MYA29A								IS ON THE NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	NO. IN GROUP	CODE	TO OR											
10015	XA508	46		XA511	53		16B	9		MYA29A	00	MYA29A	00	1	TQ2	D2	21A			
15961	XA511	53		XA415	20		16B	9		MYA29A	01	MYA290	01	1	TQ2	E3	28B			
15963	XA415	20					16B	9		MYA29A	03	MD2910	01	1	TQ2	B2	11A			
00236	XA506	78		XA505	78		16B	9	J	MYA290X	01	MYA290X	00	1	DCF	D3	37B	YI29DB BUSS		
15971	XA511	57		XA322	07		16B	9		MYA290	01	MYA290	00	1	TQ2	E3	30B			
15972	XA322	07					16B	9		MYA290	02	DM294D	01	2	TLD	A3	03A			
16122	XA506	75		XA508	48		16B	9		MYA290X	01	MYA290X	00	1	DCF	O4	36B			
10017	XA508	48					16B	9		MYA290X	02	MYA29A	01	2	TQ2	D2	22A			
10014	XA508	45		XA511	59		16B	9		MYA30A	00	MYA30A	00	1	TQ2	D3	24B			
15973	XA511	59		XA415	19		16B	9		MYA30A	01	MYA300	01	1	TQ2	E4	31B			
15975	XA415	19					16B	9		MYA30A	03	MD30T0	01	2	TQ2	B3	09B			
21333	XA506	80					16B	9	J	MYA300X	01	MYA300X	00	1	DCF	O5	38B	YI30DB BUSS		
15983	XA511	62		XA322	04		16B	9		MYA300	01	MYA300	00	1	TQ2	E4	33B			
15984	XA322	04					16B	9		MYA300	02	DM304D	01	1	TLD	A2	04A			
09945	XA506	76		XA508	43		16B	9		MYA300X	01	MYA300X	00	1	DCF	D6	38A			
10013	XA508	43					16B	9		MYA300X	02	MYA30A	01	2	TQ2	D3	23B			
10020	XA508	51		XA511	77		16B	9		MYA31A	00	MYA31A	00	1	TQ2	D4	27B			
15985	XA511	77		XA415	25		16B	9		MYA31A	01	MYA310	01	2	TQ2	F1	38B			
15987	XA415	25					16B	9		MYA31A	03	MD31T0	01	2	TQ2	B4	12B			
09933	XA506	61							J	MYA310X	01	MYA310X	00	1	DCF	D7	33A	YI31DB BUSS		
15995	XA511	75		XA322	10		16B	9		MYA310	01	MYA310	00	1	TQ2	F1	37B			
23342	XA322	10					16B	9		MYA310	02	DM314D	01	1	TLD	A1	07A			
09938	XA506	68		XA508	49		16B	9		MYA310X	01	MYA310X	00	1	DCF	D8	34A			
10018	XA508	49					16B	9		MYA310X	02	MYA31A	01	2	TQ2	D4	26B			
09267	XA405	37		XA405	39		16B	9		MYGNDA	01		01	1	ACF	D2	18A			
09268	XA405	35		XA405	43		16B	9		MYGNDA	02	MYSN2HX	01	1	ACF	C2	20A			
09271	XA405	43		XA507	13		16B	9		MYGNDA	03		01	1	ACF	E2	23A			
09952	XA507	13		XA507	36		16B	9		MYGNDA	04	MACPT0X	01	1	DCF	A4	05B			
13913	XA507	36		XA508	66		16B	9		MYGNDA	05	MADDC0X	01	1	DCF	B1	13A			
10031	XA508	66					16B	9		MYGNDA	06	MYGNDA	00	1	TQ2	E1	31A			
09950	XA507	07							J	MYPARDX	01	MYPARDX	00	1	DCF	A1	02B	YI0PDB BUSS		
15858	XA507	09		XA508	53		16B	9		MYPAR0X	01	MYPARCX	00	1	DCF	A2	03B			
10021	XA508	53					16B	9		MYPAR0X	02	MYPARTA	01	1	TQ2	E3	28B			
09264	XA405	31							J	MYSN1GX	01	MYSN1GX	00	1	ACF	B1		YSN1GB BUSS		
										****	SIGNAL	(MYSN1HX)	IS ON THE		NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR												IDENT		
09262		XA405	25									J	MYSN1HX	01	MYSN1HX	00	1	ACF	R2		YSN1HB BUSS				
09250		XA405	13		XA408	60			168	9			MYSN10	01	MYSN1GX	01	1	ACF	B1	06A					
09426		XA408	00						168	9			MYSN10	02	MYSN10	00	1	TQ2	E2	28A					
09258		XA405	23									J	MYSN2GX	01	MYSN2GX	00	1	ACF	C1		YSN2GB BUSS				
09259		XA405	25									J	MYSN2HX	01	MYSN2HX	00	1	ACF	C2		YSN2HB BUSS				
09285		XA405	65									J	MYSN2TX	01	MYSN2TX	00	1	ACF	C3	32A	YSN2TB BUSS				
15678		XA407	06		XA407	36			168	9			MYSTBA	01	MYA00DX	01	1	DCF	A1	05A					
13857		XA407	36		XA407	52			168	9			MYSTBA	02	MYA04DX	01	1	DCF	B1	13A					
15705		XA407	52		XA407	72			168	9			MYSTBA	03	MYA08DX	01	1	DCF	C1	29A					
09385		XA407	72		XA408	66			168	9			MYSTBA	04	MYA12DX	01	1	DCF	D1	36A					
09431		XA406	66		XA506	06			168	9			MYSTBA	05	MYSTBA	00	1	TQ2	E1	31A					
15800		XA506	06		XA506	36			168	9			MYSTBA	06	MYA16DX	01	1	DCF	A1	05A					
13914		XA506	36		XA506	52			168	9			MYSTBA	07	MYA20DX	01	1	DCF	B1	13A					
15834		XA506	52		XA506	72			168	9			MYSTBA	08	MYA24DX	01	1	DCF	C1	29A					
09942		XA506	72						168	9			MYSTBA	09	MYA28DX	01	1	DCF	D1	36A					
15997		XA431	04		XA429	04			168	9			MY1000	01	MB02XY	01	1	MEM	AY	04A					
15998		XA429	04		XA428	04			168	9			MY1000	02	MB01XY	01	1	MEM	AY	04A					
15999		XA428	04		XA427	01			168	9			MY1000	03	MB00XY	01	1	MEM	AY	04A					
16000		XA427	01						168	9			MY1000	04	MY1000	00	1	TQ2	A2	02B					
16001		XA432	04		XA427	15			168	9			MY1010	01	MB03XY	01	1	MEM	AY	04A					
16002		XA427	15		XA428	36			168	9			MY1010	02	MY1010	00	1	TQ2	A4	07B					
16003		XA428	36		XA429	36			168	9			MY1010	03	MB04XY	01	1	MEM	BY	17A					
16004		XA429	36						168	9			MY1010	04	MB05XY	01	1	MEM	BY	17A					
16005		XA432	36		XA431	36			168	9			MY1020	01	MB07XY	01	1	MEM	BY	17A					
16006		XA431	36		XA427	14			168	9			MY1020	02	MB06XY	01	1	MEM	BY	17A					
16007		XA427	14						168	9			MY1020	03	MY1020	00	1	TQ2	B2	09A					
16008		XA431	50		XA429	50			168	9			MY1030	01	MB10XY	01	1	MEM	CY	23A					
16009		XA429	50		XA428	50			168	9			MY1030	02	MB09XY	01	1	MEM	CY	23A					
16010		XA428	50		XA427	46			168	9			MY1030	03	MB08XY	01	1	MEM	CY	23A					
16011		XA427	46						168	9			MY1030	04	MY1030	00	1	TQ2	D2	21A					
16012		XA432	50		XA429	73			168	9			MY1040	01	MB11XY	01	1	MEM	CY	23A					
16013		XA429	73		XA428	73			168	9			MY1040	02	MB13XY	01	1	MEM	DY	36B					
16014		XA428	73		XA427	51			168	9			MY1040	03	MB12XY	01	1	MEM	DY	36B					
16015		XA427	51						168	9			MY1040	04	MY1040	00	1	TQ2	D4	27B					
16016		XA432	73		XA431	73			168	9			MY1050	01	MB15XY	01	1	MEM	DY	36B					
16017		XA431	73		XA427	60			168	9			MY1050	02	MB14XY	01	1	MEM	DY	36B					
16018		XA427	60						168	9			MY1050	03	MY1050	00	1	TQ2	E2	28A					
16019		XA431	05		XA429	05			168	9			MY2000	01	MB02XY	01	2	MEM	AY	03B					
												****	SIGNAL	(MY2000)	IS ON THE NEXT PAGE										****

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RECORD NUMBER	FROM				TO				WAVE		SIGNAL	EQ. NO.	EQUATION	TYPE	C. OF TIME TYPE	C. OF TIME	C. OF TIME	C. OF TIME	C. OF TIME	C. OF TIME
	PREFIX	CONNECTOR	PIN	TYPE	PREFIX	CONNECTOR	PIN	TYPE	GROUP	CODE										
16020		XA429	05		XA428	05			168	9		MY2000	02	MB01XY	01	2	MEM	AY		03B
16021		XA428	05		XA427	27			168	9		MY2000	03	MB00XY	01	2	MEM	AY		03B
16022		XA427	27						168	9		MY2000	04	MY2000	00	1	TQ2	B4		13B
16023		XA432	05		XA429	34			168	9		MY2010	01	MB03XY	01	2	MEM	AY		03B
16024		XA429	34		XA428	34			168	9		MY2010	02	MB05XY	01	2	MEM	BY		16A
16025		XA428	34		XA427	30			168	9		MY2010	03	MB04XY	01	2	MEM	BY		16A
16026		XA427	30						168	9		MY2010	04	MY2010	00	1	TQ2	C2		15A
16027		XA432	34		XA431	34			168	9		MY2020	01	MB07XY	01	2	MEM	BY		16A
16028		XA431	34		XA427	39			168	9		MY2020	02	MB06XY	01	2	MEM	BY		16A
16029		XA427	39						168	9		MY2020	03	MY2020	00	1	TQ2	C4		19B
16030		XA431	48		XA429	48			168	9		MY2030	01	MB10XY	01	2	MEM	CY		22A
16031		XA429	48		XA428	48			168	9		MY2030	02	MB09XY	01	2	MEM	CY		22A
16032		XA428	48		XA427	63			168	9		MY2030	03	MB08XY	01	2	MEM	CY		22A
16033		XA427	63						168	9		MY2030	04	MY2030	00	1	TQ2	E4		33B
16034		XA432	48		XA429	71			168	9		MY2040	01	MB11XY	01	2	MEM	CY		22A
16035		XA429	71		XA428	71			168	9		MY2040	02	MB13XY	01	2	MEM	DY		36A
16036		XA428	71		XA427	72			168	9		MY2040	03	MB12XY	01	2	MEM	DY		36A
16037		XA427	72						168	9		MY2040	04	MY2040	00	1	TQ2	F2		34A
16038		XA432	71		XA431	71			168	9		MY2050	01	MB15XY	01	2	MEM	DY		36A
16039		XA431	71		XA427	80			168	9		MY2050	02	MB14XY	01	2	MEM	DY		36A
16040		XA427	80						168	9		MY2050	03	MY2050	00	1	TQ2	F4		39A
16041		XA431	01		XA429	01			168	9		MY3000	01	MB02XY	01	3	MEM	AY		02B
16042		XA429	01		XA428	01			168	9		MY3000	02	MB01XY	01	3	MEM	AY		02B
16043		XA428	01		XA426	01			168	9		MY3000	03	MB00XY	01	3	MEM	AY		02B
16044		XA426	01						168	9		MY3000	04	MY3000	00	1	TQ2	A2		02B
16045		XA432	01		XA429	30			168	9		MY3010	01	MB03XY	01	3	MEM	AY		02B
16046		XA429	30		XA428	30			168	9		MY3010	02	MB05XY	01	3	MEM	BY		15A
16047		XA428	30		XA426	15			168	9		MY3010	03	MB04XY	01	3	MEM	BY		15A
16048		XA426	15						168	9		MY3010	04	MY3010	00	1	TQ2	A4		07B
16049		XA432	30		XA431	30			168	9		MY3020	01	MB07XY	01	3	MEM	BY		15A
16050		XA431	30		XA426	14			168	9		MY3020	02	MB06XY	01	3	MEM	BY		15A
16051		XA426	14						168	9		MY3020	03	MY3020	00	1	TQ2	B2		09A
16052		XA431	46		XA429	46			168	9		MY3030	01	MB10XY	01	3	MEM	CY		21A
16053		XA429	46		XA428	46			168	9		MY3030	02	MB09XY	01	3	MEM	CY		21A
16054		XA428	46		XA426	46			168	9		MY3030	03	MB08XY	01	3	MEM	CY		21A
16055		XA426	46						168	9		MY3030	04	MY3030	00	1	TQ2	C2		21A
16056		XA432	46		XA429	72			168	9		MY3040	01	MB11XY	01	3	MEM	CY		21A
16057		XA429	72		XA428	72			168	9		MY3040	02	MB13XY	01	3	MEM	DY		34A
16058		XA428	72		XA426	51			168	9		MY3040	03	MB12XY	01	3	MEM	DY		34A
16059		XA426	51						168	9		MY3040	04	MY3040	00	1	TQ2	D4		27B

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	PCB NO.	EQUATION	TQ2	MEM	CY	EXT	TO BAY 2	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COL IN	IDENT									
16060		XA432	72		XA431	72		16B	9			MY3050	01	MB15XY	01	3	MEM	DY	34A	
16061		XA431	72		XA426	60		16B	9			MY3050	02	MB14XY	01	3	MEM	DY	34A	
16062		XA426	60					16B	9			MY3050	03	MY3050	00	1	TQ2	E2	28A	
16063		XA431	03		XA429	03		16B	9			MY4000	01	MB02XY	01	4	MEM	AY	02A	
16064		XA429	03		XA428	03		16B	9			MY4000	02	MB01XY	01	4	MEM	AY	02A	
16065		XA428	03		XA426	27		16B	9			MY4000	03	MB00XY	01	4	MEM	AY	02A	
16066		XA426	27					16B	9			MY4000	04	MY4000	00	1	TQ2	B4	13B	
16067		XA432	03		XA429	29		16B	9			MY4010	01	MB03XY	01	4	MEM	AY	02A	
16068		XA429	29		XA428	29		16B	9			MY4010	02	MB05XY	01	4	MEM	BY	14B	
16069		XA428	29		XA426	30		16B	9			MY4010	03	MB04XY	01	4	MEM	BY	14B	
16070		XA426	30					16B	9			MY4010	04	MY4010	00	1	TQ2	C2	15A	
16071		XA432	29		XA431	29		16B	9			MY4020	01	MB07XY	01	4	MEM	BY	14B	
16072		XA431	29		XA426	39		16B	9			MY4020	02	MB06XY	01	4	MEM	BY	14B	
16073		XA426	39					16B	9			MY4020	03	MY4020	00	1	TQ2	C4	19B	
16074		XA431	41		XA429	41		16B	9			MY4030	01	MB10XY	01	4	MEM	CY	22B	
16075		XA429	41		XA428	41		16B	9			MY4030	02	MB09XY	01	4	MEM	CY	22B	
16076		XA428	41		XA426	63		16B	9			MY4030	03	MB08XY	01	4	MEM	CY	22B	
16077		XA426	63					16B	9			MY4030	04	MY4030	00	1	TQ2	E4	33B	
16078		XA432	41		XA429	65		16B	9			MY4040	01	MB11XY	01	4	MEM	CY	22B	
16079		XA429	65		XA428	65		16B	9			MY4040	02	MB13XY	01	4	MEM	DY	34B	
16080		XA428	65		XA426	72		16B	9			MY4040	03	MB12XY	01	4	MEM	DY	34B	
16081		XA426	72					16B	9			MY4040	04	MY4040	00	1	TQ2	F2	34A	
16082		XA432	65		XA431	65		16B	9			MY4050	01	MB15XY	01	4	MEM	DY	34B	
16083		XA431	65		XA426	80		16B	9			MY4050	02	MB14XY	01	4	MEM	DY	34B	
16084		XA426	80					16B	9			MY4050	03	MY4050	00	1	TQ2	F4	39A	
22033		XA502	01		XA535	03		16B	9			PLPRVA	01				EXT		TO BAY 2	
16086		XA535	03					16B	9			PLPRVA	02	MC0520	01	1	TQ2	A3	02A	
22036		XA502	15		XA517	59		16B	9			PL02BQ	01				EXT			
16092		XA517	59					16B	9			PL02BQ	02	MD184A	01	1	TQ2	E4	31B	
22038		XA502	13		XA516	08		16B	9			PL03BQ	01				EXT			
16096		XA516	08					16B	9			PL03BQ	02	MD189A	01	2	TQ2	A1	06A	
22040		XA502	11		XA516	18		16B	9			PL04BQ	01				EXT			
16100		XA516	18					16B	9			PL04BQ	02	MD194A	01	2	TQ2	B2	10A	
22042		XA502	09		XA516	31		16B	9			PL05BQ	01				EXT			
16104		XA516	31					16B	9			PL05BQ	02	MD199A	01	2	TQ2	C3	15B	
22044		XA502	07		XA516	43		16B	9			PL06BQ	01				EXT			
												****	SIGNAL	PL06BQ					IS ON THE NEXT PAGE	****

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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PL06BQ

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	WIRE NO	GROUP	CODE	COLOR											
16108		XA516	43						16B	9		PL06BQ	02	MD203A	01	2	TQ2	D3		23B	
22046		XA502	05		XA516	55			16B	9		PL07BQ	01				EXT				
16112		XA516	55						16B	9		PL07BQ	02	MD207A	01	2	TQ2	E3		29B	
22048		XA502	03		XA531	06			16B	9		PL09BQ	01				EXT				
16116		XA531	06						16B	9		PL09BQ	02	MC0420	01	3	T13	A1		05A	
16127		XA112	03		XA112	15			16B	9		SPA001	01	AKYCBQ	01	1	TDD	BQ		02A	
16128		XA112	15		XA112	17			16B	9		SPA001	02	AKYNBQ	01	1	TDD	AQ		07B	
16129		XA112	17		XA112	27			16B	9		SPA001	03	AKYCCQ	01	1	TDD	DQ		08B	
16130		XA112	27		XA112	29			16B	9		SPA001	04	AKYNCQ	01	1	TDD	CQ		13B	
16131		XA112	29		XA112	39			16B	9		SPA001	05	AKYCDQ	01	1	TDD	FQ		14B	
16132		XA112	39		XA112	41			16B	9		SPA001	06	AKYNDQ	01	1	TDD	EQ		19B	
16133		XA112	41		XA112	51			16B	9		SPA001	07	AKYCEQ	01	1	TDD	HQ		22B	
16134		XA112	51		XA112	53			16B	9		SPA001	08	AKYNEQ	01	1	TDD	GQ		27B	
16135		XA112	53		XA112	63			16B	9		SPA001	09	AKYCFQ	01	1	TDD	KQ		28B	
16136		XA112	63		XA121	30			16B	9		SPA001	10	AKYNFQ	01	1	TDD	JQ		33B	
16137		XA121	30						16B	9		SPA001	11				RRI	C4			
16138		XA112	04		XA112	06			16B	9		SPA002	01	AKYCBP	01	1	TDD	BP		04A	
16139		XA112	06		XA112	20			16B	9		SPA002	02	AKYNBP	01	1	TDD	AP		05A	
16140		XA112	20		XA112	22			16B	9		SPA002	03	AKYCCP	01	1	TDD	DP		11A	
16141		XA112	22		XA112	36			16B	9		SPA002	04	AKYNCP	01	1	TDD	CP		12A	
16142		XA112	36		XA112	38			16B	9		SPA002	05	AKYCDP	01	1	TDD	FP		17A	
16143		XA112	38		XA112	50			16B	9		SPA002	06	AKYNDP	01	1	TDD	EP		18A	
16144		XA112	50		XA112	52			16B	9		SPA002	07	AKYCEP	01	1	TDD	HP		23A	
16145		XA112	52		XA112	64			16B	9		SPA002	08	AKYNEP	01	1	TDD	GP		24A	
16146		XA112	64		XA112	66			16B	9		SPA002	09	AKYCFP	01	1	TDD	KP		30A	
16147		XA112	66		XA121	38			16B	9		SPA002	10	AKYNFP	01	1	TDD	JP		31A	
16148		XA121	38						16B	9		SPA002	11				RRI	C5			
16149		XA112	65		XA112	80			16B	9		SPA003	01	AKYCGQ	01	1	TDD	MQ		34B	
16150		XA112	80		XA113	41			16B	9		SPA003	02	AKYNGQ	01	1	TDD	LQ		39A	
16151		XA113	41		XA113	47			16B	9		SPA003	03	AM30EQ	01	1	TQ2	D3		22B	
16152		XA113	47		XA113	50			16B	9		SPA003	04	AM30FQ	01	1	TQ2	D4		25B	
16153		XA113	50		XA113	53			16B	9		SPA003	05	AM30DQ	01	1	TQ2	D2		23A	
16154		XA113	53		XA113	54			16B	9		SPA003	06	AM62EA	01	1	TQ2	E3		28B	
16155		XA113	54		XA113	59			16B	9		SPA003	07	AM30CQ	01	2	TQ2	D1		25A	
16156		XA113	59		XA113	64			16B	9		SPA003	08	AM62FA	01	1	TQ2	E4		31B	
16157		XA113	64		XA113	68			16B	9		SPA003	09	AM62DA	01	1	TQ2	E2		30A	
16158		XA113	68		XA121	36			16B	9		SPA003	10	AM62CA	01	2	TQ2	E1		32A	
16159		XA121	36						16B	9		SPA003	11				RRI	C6			
16160		XA112	73		XA112	75			16B	9		SPA004	01	AKYCGP	01	1	TDD	MP		36B	
16161		XA112	75		XA113	76			16B	9		SPA004	02	AKYNGP	01	1	TDD	LP		37B	
16162		XA113	76		XA114	03			16B	9		SPA004	03	AM15CQ	01	1	TQ2	F4		37A	
16163		XA114	03		XA114	04			16B	9		SPA004	04	AQDBEQ	01	1	TQ2	A3		02A	
16164		XA114	04		XA114	08			16B	9		SPA004	05	AQDBDQ	01	1	TQ2	A2		04A	
16165		XA114	08		XA114	11			16B	9		SPA004	06	AQDBCO	01	2	TQ2	A1		06A	
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT											
16166		XA114	11		XA114	17				168	9		SPA004	07	AQDBF0	01	1	TQ2	A4		05B		
16167		XA114	17		XA114	18				168	9		SPA004	08	AQ1660	01	1	TQ2	B3		08B		
16168		XA114	18		XA114	23				168	9		SPA004	09	AQ00C0	01	2	TQ2	B2		10A		
16169		XA114	23		XA121	35				168	9		SPA004	10	AQ31C0	01	1	TQ2	B4		11B		
16170		XA121	35							168	9		SPA004	11				RR1	D1				
16171		XA114	26		XA114	29				168	9		SPA005	01	AQLS50	01	1	TQ2	B1		14A		
16172		XA114	29		XA114	35				168	9		SPA005	02	AM10E0	01	1	TQ2	C3		14B		
16173		XA114	35		XA114	36				168	9		SPA005	03	AM10F0	01	1	TQ2	C4		17B		
16174		XA114	36		XA114	40				168	9		SPA005	04	AM10D0	01	1	TQ2	C2		17A		
16175		XA114	40		XA114	41				168	9		SPA005	05	AM10C0	01	2	TQ2	C1		19A		
16176		XA114	41		XA114	47				168	9		SPA005	06	AM12E0	01	1	TQ2	D3		22B		
16177		XA114	47		XA114	50				168	9		SPA005	07	AM12F0	01	1	TQ2	D4		25B		
16178		XA114	50		XA114	53				168	9		SPA005	08	AM12D0	01	1	TQ2	D2		23A		
16179		XA114	53		XA114	54				168	9		SPA005	09	AM60EA	01	1	TQ2	E3		28B		
16180		XA114	54		XA121	37				168	9		SPA005	10	AM12C0	01	2	TQ2	D1		25A		
16181		XA121	37							168	9		SPA005	11				RR1	D2				
16182		XA114	59		XA114	64				168	9		SPA006	01	AM60FA	01	1	TQ2	E4		31B		
16183		XA114	64		XA114	65				168	9		SPA006	02	AM60DA	01	1	TQ2	E2		30A		
16184		XA114	65		XA114	70				168	9		SPA006	03	AM65CA	01	1	TQ2	F3		34B		
16185		XA114	70		XA116	03				168	9		SPA006	04	AM60CA	01	1	TQ2	E1		33A		
16186		XA116	03		XA116	15				168	9		SPA006	05	AQ25BQ	01	1	TDD	BQ		02A		
16187		XA116	15		XA116	17				168	9		SPA006	06	AQ24BQ	01	1	TDD	AQ		07B		
16188		XA116	17		XA116	27				168	9		SPA006	07	AQ27BQ	01	1	TDD	DQ		08B		
16189		XA116	27		XA116	29				168	9		SPA006	08	AQ26BQ	01	1	TDD	CQ		13B		
16190		XA116	29		XA116	39				168	9		SPA006	09	AQ29BQ	01	1	TDD	FQ		14B		
16191		XA116	39		XA121	39				168	9		SPA006	10	AQ28BQ	01	1	TDD	EQ		19B		
16192		XA121	39							168	9		SPA006	11				RR1	D3				
16193		XA116	04		XA116	06				168	9		SPA007	01	AQ25BP	01	1	TDD	BP		04A		
16194		XA116	06		XA116	20				168	9		SPA007	02	AQ24BP	01	1	TDD	AP		05A		
16195		XA116	20		XA116	22				168	9		SPA007	03	AQ27BP	01	1	TDD	DP		11A		
16196		XA116	22		XA116	36				168	9		SPA007	04	AQ26BP	01	1	TDD	CP		12A		
16197		XA116	36		XA116	38				168	9		SPA007	05	AQ29BP	01	1	TDD	FP		17A		
16198		XA116	38		XA116	50				168	9		SPA007	06	AQ28BP	01	1	TDD	EP		18A		
16199		XA116	50		XA116	52				168	9		SPA007	07	AQ31BP	01	1	TDD	HP		23A		
16200		XA116	52		XA116	64				168	9		SPA007	08	AQ30BP	01	1	TDD	GP		24A		
16201		XA116	64		XA116	66				168	9		SPA007	09	AKYCHP	01	1	TDD	KP		30A		
16202		XA116	66		XA121	40				168	9		SPA007	10	AKYNHP	01	1	TDD	JP		31A		
16203		XA121	40							168	9		SPA007	11				RR1	D4				
16204		XA116	41		XA116	51				168	9		SPA008	01	AQ31BQ	01	1	TDD	HQ		22B		
16205		XA116	51		XA116	53				168	9		SPA008	02	AQ30BQ	01	1	TDD	GQ		27B		
16206		XA116	53		XA116	63				168	9		SPA008	03	AKYCHQ	01	1	TDD	KQ		28B		
16207		XA116	63		XA116	65				168	9		SPA008	04	AKYNHQ	01	1	TDD	JQ		33B		
16208		XA116	65		XA116	80				168	9		SPA008	05	AKCBBC	01	1	TDD	MQ		34B		
16209		XA116	80		XA117	03				168	9		SPA008	06	AL32BQ	01	1	TDD	LQ		39A		
16210		XA117	03		XA117	15				168	9		SPA008	07	AQ13BQ	01	1	TDD	BQ		02A		
16211		XA117	15		XA117	17				168	9		SPA008	08	AQ12BQ	01	1	TDD	AQ		07B		
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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
16212		XA117	17		XA117	27				168	9		SPA008	09	AQ15BQ	01	1	TDD	DQ		08B		
16213		XA117	27		XA121	42				168	9		SPA008	10	AQ14BQ	01	1	TDD	CQ		13B		
16214		XA121	42							168	9		SPA008	11				RR1	D5				
16215		XA116	73		XA116	75				168	9		SPA009	01	AKC8BP	01	1	TDD	MP		36B		
16216		XA116	75		XA117	04				168	9		SPA009	02	AL32BP	01	1	TDD	LP		37B		
16217		XA117	04		XA117	06				168	9		SPA009	03	AQ13BP	01	1	TDD	BP		04A		
16218		XA117	06		XA117	20				168	9		SPA009	04	AQ12BP	01	1	TDD	AP		05A		
16219		XA117	20		XA117	22				168	9		SPA009	05	AQ15BP	01	1	TDD	DP		11A		
16220		XA117	22		XA117	36				168	9		SPA009	06	AQ14BP	01	1	TDD	CP		12A		
16221		XA117	36		XA117	38				168	9		SPA009	07	AQ17BP	01	1	TDD	FP		17A		
16222		XA117	38		XA117	50				168	9		SPA009	08	AQ16BP	01	1	TDD	EP		18A		
16223		XA117	50		XA117	52				168	9		SPA009	09	AQ19BP	01	1	TDD	HP		23A		
16224		XA117	52		XA121	46				168	9		SPA009	10	AQ18BP	01	1	TDD	GP		24A		
16225		XA121	46							168	9		SPA009	11				RR1	D6				
16226		XA117	29		XA117	39				168	9		SPA010	01	AQ17BQ	01	1	TDD	FQ		14B		
16227		XA117	39		XA117	41				168	9		SPA010	02	AQ16BQ	01	1	TDD	EQ		19B		
16228		XA117	41		XA117	51				168	9		SPA010	03	AQ19BQ	01	1	TDD	HQ		22B		
16229		XA117	51		XA117	53				168	9		SPA010	04	AQ18BQ	01	1	TDD	GQ		27B		
16230		XA117	53		XA117	63				168	9		SPA010	05	AQ21BQ	01	1	TDD	KQ		28B		
16231		XA117	63		XA117	65				168	9		SPA010	06	AQ20BQ	01	1	TDD	JQ		33B		
16232		XA117	65		XA117	80				168	9		SPA010	07	AQ23BQ	01	1	TDD	MQ		34B		
16233		XA117	80		XA118	03				168	9		SPA010	08	AQ22BQ	01	1	TDD	LQ		39A		
16234		XA118	03		XA118	15				168	9		SPA010	09	AQ01BQ	01	1	TDD	BQ		02A		
16235		XA118	15		XA121	41				168	9		SPA010	10	AQ00BQ	01	1	TDD	AQ		07B		
16236		XA121	41							168	9		SPA010	11				RR1	E1				
16237		XA117	64		XA117	66				168	9		SPA011	01	AQ21BP	01	1	TDD	KP		30A		
16238		XA117	66		XA117	73				168	9		SPA011	02	AQ20BP	01	1	TDD	JP		31A		
16239		XA117	73		XA117	75				168	9		SPA011	03	AQ23BP	01	1	TDD	MP		36B		
16240		XA117	75		XA118	04				168	9		SPA011	04	AQ22BP	01	1	TDD	LP		37B		
16241		XA118	04		XA118	06				168	9		SPA011	05	AQ01BP	01	1	TDD	BP		04A		
16242		XA118	06		XA118	20				168	9		SPA011	06	AQ00BP	01	1	TDD	AP		05A		
16243		XA118	20		XA118	22				168	9		SPA011	07	AQ03BP	01	1	TDD	OP		11A		
16244		XA118	22		XA118	36				168	9		SPA011	08	AQ02BP	01	1	TDD	CP		12A		
16245		XA118	36		XA118	38				168	9		SPA011	09	AQ05BP	01	1	TDD	FP		17A		
16246		XA118	38		XA121	45				168	9		SPA011	10	AQ04BP	01	1	TDD	EP		18A		
16247		XA121	45							168	9		SPA011	11				RR1	E2				
16248		XA118	17		XA118	27				168	9		SPA012	01	AQ03BQ	01	1	TDD	DQ		08B		
16249		XA118	27		XA118	29				168	9		SPA012	02	AQ02BQ	01	1	TDD	CQ		13B		
16250		XA118	29		XA118	39				168	9		SPA012	03	AQ05BQ	01	1	TDD	FQ		14B		
16251		XA118	39		XA118	41				168	9		SPA012	04	AQ04BQ	01	1	TDD	EQ		19B		
16252		XA118	41		XA118	51				168	9		SPA012	05	AQ07BQ	01	1	TDD	HQ		22B		
16253		XA118	51		XA118	53				168	9		SPA012	06	AQ06BQ	01	1	TDD	GQ		27B		
16254		XA118	53		XA118	63				168	9		SPA012	07	AQ09BQ	01	1	TDD	KQ		28B		
16255		XA118	63		XA118	65				168	9		SPA012	08	AQ08BQ	01	1	TDD	JQ		33B		
16256		XA118	65		XA118	80				168	9		SPA012	09	AQ11BQ	01	1	TDD	MQ		34B		
16257		XA118	80		XA121	47				168	9		SPA012	10	AQ10BQ	01	1	TDD	LQ		39A		
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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR												
16303		XA122	18		XA132	20			168	9		SPA017	01	AQ1690	01	5	YS8	B1	10A		
16304		XA132	20		XA132	36			168	9		SPA017	02	AQ004A	01	4	TS8	B1	11A		
16305		XA132	36		XA135	46			168	9		SPA017	03	AQ164A	01	4	YS8	C1	17A		
16306		XA135	46		XA137	04			168	9		SPA017	04				RR1	D6			
16307		XA137	04		XA137	06			168	9		SPA017	05	AY228P	01	1	TDD	BP	04A		
16308		XA137	06		XA137	20			168	9		SPA017	06	AY218P	01	1	TDD	AP	05A		
16309		XA137	20		XA137	22			168	9		SPA017	07	AY248P	01	1	TDD	DP	11A		
16310		XA137	22		XA137	36			168	9		SPA017	08	AY238P	01	1	TDD	CP	12A		
16311		XA137	36		XA137	38			168	9		SPA017	09	AY268P	01	1	TDD	FP	17A		
16312		XA137	38		XA137	50			168	9		SPA017	10	AY258P	01	1	TDD	EP	18A		
16313		XA137	50						168	9		SPA017	11	AY288P	01	1	TDD	HP	23A		
16314		XA122	19		XA132	22			168	9		SPA018	01	AQ1690	01	7	YS8	B1	09B		
16315		XA132	22		XA132	38			168	9		SPA018	02	AQ004A	01	3	YS8	B1	12A		
16316		XA132	38		XA132	66			168	9		SPA018	03	AQ164A	01	3	YS8	C1	18A		
16317		XA132	66		XA135	41			168	9		SPA018	04	AQ317A	01	3	YS8	E1	31A		
16318		XA135	41		XA137	53			168	9		SPA018	05				RR1	E1			
16319		XA137	53		XA137	80			168	9		SPA018	06	AY308Q	01	1	TDD	KQ	28B		
16320		XA137	80		XA138	03			168	9		SPA018	07	AY318Q	01	1	TDD	LQ	39A		
16321		XA138	03		XA138	15			168	9		SPA018	08	AY118Q	01	1	TDD	BQ	02A		
16322		XA138	15		XA138	17			168	9		SPA018	09	AY108Q	01	1	TDD	AQ	07B		
16323		XA138	17		XA138	27			168	9		SPA018	10	AY138Q	01	1	TDD	DQ	08B		
16324		XA138	27						168	9		SPA018	11	AY128Q	01	1	TDD	CQ	13B		
16325		XA122	30		XA132	34			168	9		SPA019	01	AL3290	01	6	YS8	C1	15A		
16326		XA132	34		XA135	45			168	9		SPA019	02	AQ164A	01	5	YS8	C1	16A		
16327		XA135	45		XA137	66			168	9		SPA019	03				RR1	E2			
16328		XA137	66		XA137	75			168	9		SPA019	04	AY298P	01	1	TDD	JP	31A		
16329		XA137	75		XA138	04			168	9		SPA019	05	AY318P	01	1	TDD	LP	37B		
16330		XA138	04		XA138	06			168	9		SPA019	06	AY118P	01	1	TDD	BP	04A		
16331		XA138	06		XA138	20			168	9		SPA019	07	AY108P	01	1	TDD	AP	05A		
16332		XA138	20		XA138	22			168	9		SPA019	08	AY138P	01	1	TDD	DP	11A		
16333		XA138	22		XA138	36			168	9		SPA019	09	AY128P	01	1	TDD	CP	12A		
16334		XA138	36		XA138	38			168	9		SPA019	10	AY158P	01	1	TDD	FP	17A		
16335		XA138	38						168	9		SPA019	11	AY148P	01	1	TDD	EP	18A		
16336		XA122	36		XA132	68			168	9		SPA020	01	AL3290	01	4	YS8	C1	17A		
16337		XA132	68		XA135	47			168	9		SPA020	02	AQ317A	01	2	YS8	E1	32A		
16338		XA135	47		XA138	39			168	9		SPA020	03				RR1	E3			
16339		XA138	39		XA138	41			168	9		SPA020	04	AY148Q	01	1	TDD	EQ	19B		
16340		XA138	41		XA138	51			168	9		SPA020	05	AY178Q	01	1	TDD	HQ	22B		
16341		XA138	51		XA138	53			168	9		SPA020	06	AY168Q	01	1	TDD	GQ	27B		
16342		XA138	53		XA138	63			168	9		SPA020	07	AY198Q	01	1	TDD	KQ	28B		
16343		XA138	63		XA138	80			168	9		SPA020	08	AY188Q	01	1	TDD	JQ	33B		
16344		XA138	80		XA139	03			168	9		SPA020	09	AY208Q	01	1	TDD	LQ	39A		
16345		XA139	03		XA139	15			168	9		SPA020	10	AY008Q	01	1	TDD	BQ	02A		
16346		XA139	15						168	9		SPA020	11	AY588Q	01	1	TDD	AQ	07B		
16347		XA122	38		XA132	78			168	9		SPA021	01	AL3290	01	3	YS8	C1	18A		
16348		XA132	78		XA135	48			168	9		SPA021	02	AY3190	01	8	YS8	F1	38A		
									****	SIGNAL	(SPA021)			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 CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
16349		XA135	48		XA138	52			168	9					RR1	E4				
16350		XA138	52		XA138	64			168	9					TDD	GP		24A		
16351		XA138	64		XA138	66			168	9	AY16BP	01	1		TDD	KP		30A		
16352		XA138	66		XA138	75			168	9	AY18BP	01	1		TDD	JP		31A		
16353		XA138	75		XA139	04			168	9	AY20BP	01	1		TDD	LP		37B		
16354		XA139	04		XA139	06			168	9	AY00BP	01	1		TDD	BP		04A		
16355		XA139	06		XA139	20			168	9	AY5E8P	01	1		TDD	AP		05A		
16356		XA139	20		XA139	22			168	9	AY02BP	01	1		TDD	DP		11A		
16357		XA139	22						168	9	AY01BP	01	1		TDD	CP		12A		
16358		XA132	75		XA135	52			168	9	AY3190	01	1		TS8	F1		39B		
16359		XA135	52		XA139	17			168	9					RR1	E5				
16360		XA139	17		XA139	27			168	9	AY02BQ	01	1		TDD	DQ		08B		
16361		XA139	27		XA139	29			168	9	AY01BQ	01	1		TDD	CQ		13B		
16362		XA139	29		XA139	39			168	9	AY04BQ	01	1		TDD	FQ		14B		
16363		XA139	39		XA139	41			168	9	AY03BQ	01	1		TDD	EQ		19B		
16364		XA139	41		XA139	51			168	9	AY06BQ	01	1		TDD	HQ		22B		
16365		XA139	51		XA139	53			168	9	AY05BQ	01	1		TDD	GQ		27B		
16366		XA139	53		XA139	63			168	9	AY08BQ	01	1		TDD	KQ		28B		
16367		XA139	63		XA139	80			168	9	AY07BQ	01	1		TDD	JQ		33B		
16368		XA139	80						168	9	AY09BQ	01	1		TDD	LQ		39A		
16369		XA135	54		XA139	36			168	9					RR1	E6				
16370		XA139	36		XA139	38			168	9	AY04BP	01	1		TDD	FP		17A		
16371		XA139	38		XA139	50			168	9	AY03BP	01	1		TDD	EP		18A		
16372		XA139	50		XA139	52			168	9	AY06BP	01	1		TDD	HP		23A		
16373		XA139	52		XA139	64			168	9	AY05BP	01	1		TDD	GP		24A		
16374		XA139	64		XA139	66			168	9	AY08BP	01	1		TDD	KP		30A		
16375		XA139	66		XA139	75			168	9	AY07BP	01	1		TDD	JP		31A		
16376		XA139	75		XA140	03			168	9	AY09BP	01	1		TDD	LP		37B		
16377		XA140	03		XA140	04			168	9	AYMKD0	01	1		TQ2	A3		02A		
16378		XA140	04		XA140	10			168	9	AYMKC0	01	1		TQ2	A2		04A		
16379		XA140	10						168	9	AYHXC0	01	1		TQ2	A1		07A		
16380		XA135	51		XA140	29			168	9					RR1	F1				
16381		XA140	29		XA140	34			168	9	AYH110	01	1		TQ2	C3		14B		
16382		XA140	34		XA140	35			168	9	AYH020	01	2		TQ2	C2		16A		
16383		XA140	35		XA140	41			168	9	AYH120	01	1		TQ2	C4		17B		
16384		XA140	41		XA140	42			168	9	D830AA	01	1		TQ2	O3		22B		
16385		XA140	42		XA140	47			168	9	AYH010	01	1		TQ2	C1		20A		
16386		XA140	47		XA140	48			168	9	D831AA	01	1		TQ2	D4		25B		
16387		XA140	48		XA140	54			168	9	D829AA	01	2		TQ2	D2		22A		
16388		XA140	54		XA140	71			168	9	D828AA	01	2		TQ2	D1		25A		
16389		XA140	71		XA140	79			168	9	AY25C0	01	2		TQ2	F2		36A		
16390		XA140	79						168	9	AY22C0	01	1		TQ2	F1		39B		
16391		XA135	53		XA141	17			168	9					RR1	F2				
16392		XA141	17		XA141	20			168	9	AYLSE0	01	1		TQ2	B3		08B		
16393		XA141	20		XA141	23			168	9	AYLSD0	01	1		TQ2	B2		11A		
16394		XA141	23		XA141	26			168	9	AYLSF0	01	1		TQ2	B4		11B		
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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
16395		XA141	26		XA142	03				168	9			SPA025	05	AYL5C0	01	1	TQ2	B1		14A		
16396		XA142	03		XA142	04				168	9			SPA025	06	AYADE0	01	1	TQ2	A3		02A		
16397		XA142	04		XA142	10				168	9			SPA025	07	AYADU0	01	1	TQ2	A2		04A		
16398		XA142	10		XA142	11				168	9			SPA025	08	AYADCO	01	1	TQ2	A1		07A		
16399		XA142	11		XA142	20				168	9			SPA025	09	AYADF0	01	1	TQ2	A4		05B		
16400		XA142	20		XA142	26				168	9			SPA025	10	AYDBD0	01	1	TQ2	B2		11A		
16401		XA142	26							168	9			SPA025	11	AYDBC0	01	1	TQ2	B1		14A		
16402		XA135	55		XA142	29				168	9			SPA026	01			RR1	F3					
16403		XA142	29		XA142	36				168	9			SPA026	02	AYK2C0	01	1	TQ2	C3			14B	
16404		XA142	36		XA142	37				168	9			SPA026	03	AYK1C0	01	1	TQ2	C2			17A	
16405		XA142	37		XA142	41				168	9			SPA026	04	AYK3C0	01	2	TQ2	C4			18B	
16406		XA142	41		XA142	42				168	9			SPA026	05	AYK6C0	01	1	TQ2	D3			22B	
16407		XA142	42		XA142	47				168	9			SPA026	06	AYKOC0	01	1	TQ2	C1			20A	
16408		XA142	47		XA142	50				168	9			SPA026	07	AYK7C0	01	1	TQ2	D4			25B	
16409		XA142	50		XA142	53				168	9			SPA026	08	AYK5C0	01	1	TQ2	D2			23A	
16410		XA142	53		XA142	56				168	9			SPA026	09	AYM2C0	01	1	TQ2	E3			28B	
16411		XA142	56		XA147	22				168	9			SPA026	10	AYK4C0	01	1	TQ2	D1			26A	
16412		XA147	22							168	9			SPA026	11	AYO190	01	3	TS8	B1			12A	
16413		XA135	56		XA142	64				168	9			SPA027	01			RR1	F4					
16414		XA142	64		XA142	65				168	9			SPA027	02	AYM1C0	01	1	TQ2	E2			30A	
16415		XA142	65		XA142	70				168	9			SPA027	03	AYM6C0	01	1	TQ2	F3			34B	
16416		XA142	70		XA142	73				168	9			SPA027	04	AYMOC0	01	1	TQ2	E1			33A	
16417		XA142	73		XA142	76				168	9			SPA027	05	AYM5C0	01	1	TQ2	F2			36B	
16418		XA142	76		XA142	79				168	9			SPA027	06	AYM7C0	01	1	TQ2	F4			37A	
16419		XA142	79		XA143	01				168	9			SPA027	07	AYM4C0	01	1	TQ2	F1			39B	
16420		XA143	01		XA143	06				168	9			SPA027	08	AYH1CA	01	3	TD4	A2			02B	
16421		XA143	06		XA145	78				168	9			SPA027	09	AYH0CA	01	3	TD4	A1			05A	
16422		XA145	78		XA147	04				168	9			SPA027	10	AY22CA	01	2	TQ2	F4			38A	
16423		XA147	04							168	9			SPA027	11	AY0090	01	4	TS8	A1			04A	
16424		XA209	35		XA210	15				168	9			SPA028	01			RR1	D1					
16425		XA210	15		XA210	27				168	9			SPA028	02	CMB0BQ	01	1	TDD	AQ			07B	
16426		XA210	27		XA210	29				168	9			SPA028	03	CMB1BQ	01	1	TDD	CQ			13B	
16427		XA210	29		XA210	39				168	9			SPA028	04	CMB4BQ	01	1	TDD	FQ			14B	
16428		XA210	39		XA210	51				168	9			SPA028	05	CMB3BQ	01	1	TDD	EQ			19B	
16429		XA210	51		XA211	03				168	9			SPA028	06	CMB5BQ	01	1	TDD	GQ			27B	
16430		XA211	03							168	9			SPA028	07	CMA1CQ	01	1	TDD	BQ			02A	
16431		XA209	37		XA211	15				168	9			SPA029	01			RR1	D2					
16432		XA211	15		XA211	17				168	9			SPA029	02	CMA1BQ	01	1	TDD	AQ			07B	
16433		XA211	17		XA211	27				168	9			SPA029	03	CMA3BQ	01	1	TDD	DQ			08B	
16434		XA211	27		XA211	29				168	9			SPA029	04	CMA2BQ	01	1	TDD	CQ			13B	
16435		XA211	29		XA211	41				168	9			SPA029	05	CMA5BQ	01	1	TDD	FQ			14B	
16436		XA211	41		XA211	51				168	9			SPA029	06	CMA7BQ	01	1	TDD	HQ			22B	
16437		XA211	51		XA211	53				168	9			SPA029	07	CMA6BQ	01	1	TDD	GQ			27B	
16438		XA211	53							168	9			SPA029	08	AKDMBQ	01	1	TDD	KQ			28B	
16439		XA209	39		XA210	03				168	9			SPA030	01			RR1	D3					
										****	SIGNAL		(SPA030)		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	
16485		XA209	45		XA218	27				168	9				RR1	E2						
16486		XA218	27		XA219	15				168	9				TAD	B6		13B				
16487		XA219	15		XA219	27				168	9				TAD	A6		07B				
16488		XA219	27		XA219	63				168	9				TAD	B6		13B				
16489		XA219	63		XA219	71				168	9				TAD	E3		33B				
16490		XA219	71		XA220	15				168	9				TAD	F7		36A				
16491		XA220	15		XA221	42				168	9				TAD	A6		07B				
16492		XA221	42		XA221	71				168	9				TAD	C4		20A				
16493		XA221	71		XA221	74				168	9				TAD	F7		36A				
16494		XA221	74							168	9				TAD	F8		35B				
16495		XA209	47		XA219	59				168	9				RR1	E3						
16496		XA219	59		XA221	39				168	9				TAD	E3		31B				
16497		XA221	39		XA221	73				168	9				TAD	C6		19B				
16498		XA221	73		XA223	18				168	9				TAD	F7		36B				
16499		XA223	18		XA223	23				168	9				TQ2	B2		10A				
16500		XA223	23		XA223	26				168	9				TQ2	B4		11B				
16501		XA223	26		XA223	29				168	9				TQ2	B1		14A				
16502		XA223	29		XA223	36				168	9				TQ2	C3		14B				
16503		XA223	36		XA223	48				168	9				TQ2	C2		17A				
16504		XA223	48							168	9				TQ2	D2		22A				
16505		XA221	35		XA221	75				168	9				TAD	C6		17B				
16506		XA221	75		XA223	04				168	9				TAD	F7		37B				
16507		XA223	04		XA223	10				168	9				TQ2	A2		04A				
16508		XA223	10		XA223	49				168	9				TQ2	A1		07A				
16509		XA223	49		XA223	56				168	9				TQ2	04		26B				
16510		XA223	56		XA223	64				168	9				TQ2	D1		26A				
16511		XA223	64		XA223	70				168	9				TQ2	E2		30A				
16512		XA223	70		XA224	11				168	9				TQ2	E1		33A				
16513		XA224	11		XA224	17				168	9				TQ2	A4		05B				
16514		XA224	17		XA234	37				168	9				TQ2	B3		08B				
16515		XA234	37							168	9				RR1	D2						
16516		XA221	77		XA224	20				168	9				TAD	F7		38B				
16517		XA224	20		XA224	23				168	9				TQ2	B2		11A				
16518		XA224	23		XA224	26				168	9				TQ2	B4		11B				
16519		XA224	26		XA224	31				168	9				TQ2	B1		14A				
16520		XA224	31		XA224	35				168	9				TQ2	C3		15B				
16521		XA224	35		XA224	41				168	9				TQ2	C4		17B				
16522		XA224	41		XA224	42				168	9				TQ2	D3		22B				
16523		XA224	42		XA224	47				168	9				TQ2	C1		20A				
16524		XA224	47		XA224	50				168	9				TQ2	04		25B				
16525		XA224	50		XA234	39				168	9				TQ2	D2		23A				
16526		XA234	39							168	9				RR1	03						
16527		XA224	55		XA224	56				168	9				TQ2	E3		29B				
16528		XA224	56		XA224	61				168	9				TQ2	D1		26A				
16529		XA224	61		XA224	70				168	9				TQ2	E4		32B				
16530		XA224	70		XA224	71				168	9				TQ2	E1		33A				
										****	SIGNAL	(SPA039)	IS ON THE NEXT PAGE					****				

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM			TO			WIRE			SIGNAL	SEC NO	EQUATION	TERM	FACTOR	CAT OF CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST FONTS AND/OR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR											
16531		XA224	71		XA224	79		16B	9		SPA039	05	AD31G0	01	2	TQ2	F2	36A		
16532		XA224	79		XA225	03		16B	9		SPA039	06	AD28G0	01	1	TQ2	F1	39B		
16533		XA225	03		XA225	05		16B	9		SPA039	07	AD00G0	01	1	TQ2	A3	02A		
16534		XA225	05		XA225	08		16B	9		SPA039	08	AD00LA	01	2	TQ2	A2	03B		
16535		XA225	08		XA225	11		16B	9		SPA039	09	AD00TA	01	2	TQ2	A1	06A		
16536		XA225	11		XA234	40		16B	9		SPA039	10	AD00T0	01	1	TQ2	A4	05B		
16537		XA234	40					16B	9		SPA039	11				RR1	D4			
16538		XA225	19		XA225	25		16B	9		SPA040	01	AD01P0	01	2	TQ2	B3	09B		
16539		XA225	25		XA225	31		16B	9		SPA040	02	AD01T0	01	2	TQ2	B4	12B		
16540		XA225	31		XA225	36		16B	9		SPA040	03	AD04P0	01	2	TQ2	C3	15B		
16541		XA225	36		XA225	37		16B	9		SPA040	04	AD03G0	01	1	TQ2	C2	17A		
16542		XA225	37		XA225	42		16B	9		SPA040	05	AD05T0	01	2	TQ2	C4	18B		
16543		XA225	42		XA225	43		16B	9		SPA040	06	AD02T0	01	1	TQ2	C1	20A		
16544		XA225	43		XA225	49		16B	9		SPA040	07	AD08P0	01	2	TQ2	D3	23B		
16545		XA225	49		XA225	50		16B	9		SPA040	08	AD09T0	01	2	TQ2	D4	26B		
16546		XA225	50		XA225	55		16B	9		SPA040	09	AD07G0	01	1	TQ2	D2	23A		
16547		XA225	55		XA234	42		16B	9		SPA040	10	AD12P0	01	2	TQ2	E3	29B		
16548		XA234	42					16B	9		SPA040	11				RR1	D5			
16549		XA135	62		XA142	59		16B	9		SPA041	01				RR1	F5			
16550		XA142	59		XA143	19		16B	9		SPA041	02	AYM3C0	01	1	TQ2	E4	31B		
16551		XA143	19		XA147	06		16B	9		SPA041	03	AY314A	01	4	TD4	B2	09B		
16552		XA147	06		XA147	25		16B	9		SPA041	04	AY0090	01	3	TS8	A1	05A		
16553		XA147	25					16B	9		SPA041	05	AY0190	01	8	TS8	B1	12B		
16554		XA135	64		XA143	24		16B	9		SPA042	01				RR1	F6			
16555		XA143	24		XA147	08		16B	9		SPA042	02	AYSE1A	01	2	TQ4	B1	13A		
16556		XA147	08		XA147	24		16B	9		SPA042	03	AY0090	01	2	TS8	A1	06A		
16557		XA147	24					16B	9		SPA042	04	AY0190	01	2	TS8	B1	13A		
16558		XA225	56		XA225	59		16B	9		SPA043	01	AD06T0	01	1	TQ2	D1	26A		
16559		XA225	59		XA225	64		16B	9		SPA043	02	AD13T0	01	1	TQ2	E4	31B		
16560		XA225	64		XA225	70		16B	9		SPA043	03	AD11G0	01	1	TQ2	E2	30A		
16561		XA225	70		XA225	73		16B	9		SPA043	04	AD10T0	01	1	TQ2	E1	33A		
16562		XA225	73		XA225	74		16B	9		SPA043	05	AD15G0	01	1	TQ2	F2	36B		
16563		XA225	74		XA225	78		16B	9		SPA043	06	AD16P0	01	2	TQ2	F3	35B		
16564		XA225	78		XA225	79		16B	9		SPA043	07	AD16Q0	01	2	TQ2	F4	38A		
16565		XA225	79		XA226	03		16B	9		SPA043	08	AD14T0	01	1	TQ2	F1	39B		
16566		XA226	03		XA226	04		16B	9		SPA043	09	DAACCO	01	1	TQ2	A3	02A		
16567		XA226	04		XA234	46		16B	9		SPA043	10	ADSXCO	01	1	TQ2	A2	04A		
16568		XA234	46					16B	9		SPA043	11				RR1	D6			
16569		XA226	08		XA226	11		16B	9		SPA044	01	ABSECA	01	2	TQ2	A1	06A		
16570		XA226	11		XA226	17		16B	9		SPA044	02	DAADCO	01	1	TQ2	A4	05B		
16571		XA226	17		XA226	23		16B	9		SPA044	03	DAATCO	01	1	TQ2	B3	08B		
16572		XA226	23		XA226	31		16B	9		SPA044	04	DAAYCO	01	1	TQ2	B4	11B		
16573		XA226	31		XA226	37		16B	9		SPA044	05	DAATD0	01	2	TQ2	C3	15B		
16574		XA226	37		XA226	43		16B	9		SPA044	06	DAAYD0	01	2	TQ2	C4	18B		
16575		XA226	43		XA226	49		16B	9		SPA044	07	DAATE0	01	2	TQ2	D3	23B		
								****	SIGNAL		SPA044		S ON THE		NEXT PAGE	****				



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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	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST
16576		XA226	49			XA226	55				16B	9		SPA044	08	DAAYE0	01	2	TQ2	D4		28B		
16577		XA226	55			XA226	59				16B	9		SPA044	09	DAATF0	01	2	TQ2	E3		29B		
16578		XA226	59			XA234	41				16B	9		SPA044	10	DAAYF0	01	1	TQ2	E4		31B		
16579		XA234	41								16B	9		SPA044	11				RR1	E1				
16580		XA226	74			XA226	78				16B	9		SPA045	01	DAATG0	01	2	TQ2	F3		35B		
16581		XA226	78			XA228	05				16B	9		SPA045	02	DAAYG0	01	2	TQ2	F4		38A		
16582		XA228	05			XA228	07				16B	9		SPA045	03	AD04CA	01	2	TQ2	A2		03B		
16583		XA228	07			XA228	08				16B	9		SPA045	04	AD05CA	01	2	TQ2	A3		03A		
16584		XA228	08			XA228	13				16B	9		SPA045	05	AD03CA	01	2	TQ2	A1		06A		
16585		XA228	13			XA228	17				16B	9		SPA045	06	AD06CA	01	2	TQ2	A4		06B		
16586		XA228	17			XA228	18				16B	9		SPA045	07	AD13CA	01	1	TQ2	B3		08B		
16587		XA228	18			XA228	23				16B	9		SPA045	08	AD12CA	01	2	TQ2	B2		10A		
16588		XA228	23			XA228	24				16B	9		SPA045	09	AD14CA	01	1	TQ2	B4		11B		
16589		XA228	24			XA234	45				16B	9		SPA045	10	AD11CA	01	2	TQ2	B1		13A		
16590		XA234	45								16B	9		SPA045	11				RR1	E2				
16591		XA228	29			XA228	34				16B	9		SPA046	01	AD21CA	01	1	TQ2	C3		14B		
16592		XA228	34			XA228	35				16B	9		SPA046	02	AD20CA	01	2	TQ2	C2		16A		
16593		XA228	35			XA228	40				16B	9		SPA046	03	AD22CA	01	1	TQ2	C4		17B		
16594		XA228	40			XA228	41				16B	9		SPA046	04	AD19CA	01	2	TQ2	C1		19A		
16595		XA228	41			XA228	47				16B	9		SPA046	05	AD29CA	01	1	TQ2	D3		22B		
16596		XA228	47			XA228	48				16B	9		SPA046	06	AD30CA	01	1	TQ2	D4		25B		
16597		XA228	48			XA228	54				16B	9		SPA046	07	AD28CA	01	2	TQ2	D2		22A		
16598		XA228	54			XA228	62				16B	9		SPA046	08	AD27CA	01	2	TQ2	D1		25A		
16599		XA228	62			XA228	68				16B	9		SPA046	09	ADZRC0	01	2	TQ2	E2		29A		
16600		XA228	68			XA234	47				16B	9		SPA046	10	AD31CA	01	2	TQ2	E1		32A		
16601		XA234	47								16B	9		SPA046	11				RR1	E3				
16602		XA229	05			XA229	07				16B	9		SPA047	01	AD00CA	01	2	TQ2	A2		03B		
16603		XA229	07			XA229	08				16B	9		SPA047	02	AD01CA	01	2	TQ2	A3		03A		
16604		XA229	08			XA229	11				16B	9		SPA047	03	ADSECA	01	2	TQ2	A1		06A		
16605		XA229	11			XA229	17				16B	9		SPA047	04	AD02CA	01	1	TQ2	A4		05B		
16606		XA229	17			XA229	18				16B	9		SPA047	05	AD09CA	01	1	TQ2	B3		08B		
16607		XA229	18			XA229	23				16B	9		SPA047	06	AD08CA	01	2	TQ2	B2		10A		
16608		XA229	23			XA229	26				16B	9		SPA047	07	AD10CA	01	1	TQ2	B4		11B		
16609		XA229	26			XA229	29				16B	9		SPA047	08	AD07CA	01	1	TQ2	B1		14A		
16610		XA229	29			XA229	34				16B	9		SPA047	09	AD17CA	01	1	TQ2	C3		14B		
16611		XA229	34			XA234	48				16B	9		SPA047	10	AD16CA	01	2	TQ2	C2		16A		
16612		XA234	48								16B	9		SPA047	11				RR1	E4				
16613		XA229	35			XA229	40				16B	9		SPA048	01	AD18CA	01	1	TQ2	C4		17B		
16614		XA229	40			XA229	41				16B	9		SPA048	02	AD15CA	01	2	TQ2	C1		19A		
16615		XA229	41			XA229	47				16B	9		SPA048	03	AD25CA	01	1	TQ2	D3		22B		
16616		XA229	47			XA229	48				16B	9		SPA048	04	AD26CA	01	1	TQ2	D4		25B		
16617		XA229	48			XA229	54				16B	9		SPA048	05	AD24CA	01	2	TQ2	D2		22A		
16618		XA229	54			XA229	55				16B	9		SPA048	06	AD23CA	01	2	TQ2	D1		25A		
16619		XA229	55			XA229	61				16B	9		SPA048	07	ADZD30	01	2	TQ2	E3		29B		
16620		XA229	61			XA229	64				16B	9		SPA048	08	ADZD40	01	2	TQ2	E4		32B		
16621		XA229	64			XA229	70				16B	9		SPA048	09	ADZD20	01	1	TQ2	E2		30A		
											****	SIGNAL	(SPA048)		S ON THE	NEXT PAGE	****							

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM FACTOR	CMT OR CHIP TYPE	DMM	LOCAL OR POWER PLANE	TEST POINTS (LAND) 3P	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
16622		XA229	70			XA234	52			168	9		SPA048	10	ADZD10	01	1	TQ2	E1		33A	
16623		XA234	52							168	9		SPA048	11				RR1	E5			
16624		XA229	74			XA230	64			168	9		SPA049	01	AMSNDA	01	2	TQ2	F3		35B	
16625		XA230	64			XA234	54			168	9		SPA049	02	ACC610	01	4	TS8	E1		30A	
16626		XA234	54			XA235	70			168	9		SPA049	03				RR1	E6			
16627		XA235	70			XA235	79			168	9		SPA049	04	ACCP30	01	1	TD4	E1		33A	
16628		XA235	79			XA236	03			168	9		SPA049	05	ACRS3A	01	1	TD4	F1		39B	
16629		XA236	03			XA236	15			168	9		SPA049	06	AC22BQ	01	1	TDD	BQ		02A	
16630		XA236	15			XA236	17			168	9		SPA049	07	AC21BQ	01	1	TDD	AQ		07B	
16631		XA236	17			XA236	27			168	9		SPA049	08	AC248Q	01	1	TDD	OQ		08B	
16632		XA236	27			XA236	29			168	9		SPA049	09	AC23BQ	01	1	TDD	CQ		13B	
16633		XA236	29			XA236	39			168	9		SPA049	10	AC26BQ	01	1	TDD	FQ		14B	
16634		XA236	39							168	9		SPA049	11	AC25BQ	01	1	TDD	EQ		19B	
16635		XA230	66			XA230	75			168	9		SPA050	01	ACC610	01	3	TS8	E1		31A	
16636		XA230	75			XA234	51			168	9		SPA050	02	ADZRC A	01	3	TS8	F1		37B	
16637		XA234	51			XA235	72			168	9		SPA050	03				RR1	F1			
16638		XA235	72			XA236	04			168	9		SPA050	04	ACRS4A	01	3	TD4	F2		34A	
16639		XA236	04			XA236	06			168	9		SPA050	05	AC22BP	01	1	TDD	BP		04A	
16640		XA236	06			XA236	20			168	9		SPA050	06	AC21BP	01	1	TDD	AP		05A	
16641		XA236	20			XA236	22			168	9		SPA050	07	AC24BP	01	1	TDD	DP		11A	
16642		XA236	22			XA236	36			168	9		SPA050	08	AC23BP	01	1	TDD	CP		12A	
16643		XA236	36			XA236	38			168	9		SPA050	09	AC26BP	01	1	TDD	FP		17A	
16644		XA236	38			XA236	50			168	9		SPA050	10	AC25BP	01	1	TDD	EP		18A	
16645		XA236	50							168	9		SPA050	11	AC28BP	01	1	TDD	HP		23A	
16646		XA230	77			XA234	53			168	9		SPA051	01	ADZRC A	01	2	TS8	F1		38B	
16647		XA234	53			XA236	41			168	9		SPA051	02				RR1	F2			
16648		XA236	41			XA236	51			168	9		SPA051	03	AC28BQ	01	1	TDD	HQ		22B	
16649		XA236	51			XA236	53			168	9		SPA051	04	AC27BQ	01	1	TDD	GQ		27B	
16650		XA236	53			XA236	63			168	9		SPA051	05	AC30BQ	01	1	TDD	KQ		28B	
16651		XA236	63			XA236	80			168	9		SPA051	06	AC29BQ	01	1	TDD	JQ		33B	
16652		XA236	80			XA237	03			168	9		SPA051	07	AC31BQ	01	1	TDD	LQ		39A	
16653		XA237	03			XA237	15			168	9		SPA051	08	AC11BQ	01	1	TDD	BQ		02A	
16654		XA237	15			XA237	17			168	9		SPA051	09	AC10BQ	01	1	TDD	AQ		07B	
16655		XA237	17			XA237	27			168	9		SPA051	10	AC13BQ	01	1	TDD	DQ		08B	
16656		XA237	27							168	9		SPA051	11	AC12BQ	01	1	TDD	CQ		13B	
16657		XA230	79			XA234	55			168	9		SPA052	01	ADZRC A	01	1	TS8	F1		39B	
16658		XA234	55			XA236	52			168	9		SPA052	02				RR1	F3			
16659		XA236	52			XA236	64			168	9		SPA052	03	AC27BP	01	1	TDD	GP		24A	
16660		XA236	64			XA236	66			168	9		SPA052	04	AC30BP	01	1	TDD	KP		30A	
16661		XA236	66			XA236	75			168	9		SPA052	05	AC29BP	01	1	TDD	JP		31A	
16662		XA236	75			XA237	04			168	9		SPA052	06	AC31BP	01	1	TDD	LP		37B	
16663		XA237	04			XA237	06			168	9		SPA052	07	AC11BP	01	1	TDD	BP		04A	
16664		XA237	06			XA237	20			168	9		SPA052	08	AC10BP	01	1	TDD	AP		05A	
16665		XA237	20			XA237	22			168	9		SPA052	09	AC13BP	01	1	TDD	DP		11A	
16666		XA237	22			XA237	29			168	9		SPA052	10	AC12BP	01	1	TDD	CP		12A	
16667		XA237	29							168	9		SPA052	11	AC15BQ	01	1	TDD	FQ		14B	



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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	WIRE											
16712		XA234	63			XA239	04				16B	9		SPA057	01			RR1	G2				
16713		XA239	04			XA239	30				16B	9		SPA057	02	AC2690	01	4	TS8	A1		04A	
16714		XA239	30			XA239	43				16B	9		SPA057	03	AC2890	01	6	TS8	C1		15A	
16715		XA239	43			XA239	61				16B	9		SPA057	04	AC2990	01	7	TS8	D1		23B	
16716		XA239	61			XA239	77				16B	9		SPA057	05	AC3090	01	8	TS8	E1		32B	
16717		XA239	77			XA240	01				16B	9		SPA057	06	AC3190	01	2	TS8	F1		38B	
16718		XA240	01			XA240	19				16B	9		SPA057	07	AC2090	01	6	TS8	A1		02B	
16719		XA240	19			XA240	37				16B	9		SPA057	08	AC2190	01	7	TS8	B1		09B	
16720		XA240	37			XA240	43				16B	9		SPA057	09	AC2290	01	8	TS8	C1		18B	
16721		XA240	43			XA240	55				16B	9		SPA057	10	AC2390	01	7	TS8	D1		23B	
16722		XA240	55								16B	9		SPA057	11	AC2490	01	7	TS8	E1		29B	
16723		XA234	65			XA239	05				16B	9		SPA058	01			RR1	G3				
16724		XA239	05			XA239	54				16B	9		SPA058	02	AC2690	01	5	TS8	A1		03B	
16725		XA239	54			XA239	79				16B	9		SPA058	03	AC2990	01	2	TS8	D1		25A	
16726		XA239	79			XA240	07				16C	9		SPA058	04	AC3190	01	1	TS8	F1		39B	
16727		XA240	07			XA240	49				16B	9		SPA058	05	AC2090	01	7	TS8	A1		03A	
16728		XA240	49			XA240	60				16B	9		SPA058	06	AC2390	01	8	TS8	D1		26B	
16729		XA240	60			XA240	77				16B	9		SPA058	07	AC2490	01	6	TS8	E1		28A	
16730		XA240	77			XA241	01				16B	9		SPA058	08	AC2590	01	2	TS8	F1		38B	
16731		XA241	01			XA241	14				16B	9		SPA058	09	AC1790	01	6	TS8	A1		02B	
16732		XA241	14			XA241	30				16B	9		SPA058	10	AC1890	01	6	TS8	B1		09A	
16733		XA241	30								16B	9		SPA058	11	AC1990	01	6	TS8	C1		15A	
16734		XA234	66			XA239	66				16B	9		SPA059	01			RR1	G4				
16735		XA239	66			XA240	25				16B	9		SPA059	02	AC3090	01	3	TS8	E1		31A	
16736		XA240	25			XA240	38				16B	9		SPA059	03	AC2190	01	8	TS8	B1		12B	
16737		XA240	38			XA240	79				16B	9		SPA059	04	AC2290	01	3	TS8	C1		18A	
16738		XA240	79			XA241	07				16B	9		SPA059	05	AC2590	01	1	TS8	F1		39B	
16739		XA241	07			XA241	25				16B	9		SPA059	06	AC1790	01	7	TS8	A1		03A	
16740		XA241	25			XA241	37				16B	9		SPA059	07	AC1890	01	8	TS8	B1		12B	
16741		XA241	37			XA241	75				16B	9		SPA059	08	AC1990	01	8	TS8	C1		18B	
16742		XA241	75			XA242	01				16B	9		SPA059	09	ACCP4A	01	3	TS8	F1		37B	
16743		XA242	01			XA242	14				16B	9		SPA059	10	ACAD3A	01	6	TS8	A1		02B	
16744		XA242	14								16B	9		SPA059	11	AC003A	01	6	TS8	B1		09A	
16745		XA234	72			XA239	68				16B	9		SPA060	01			RR1	G5				
16746		XA239	68			XA241	77				16B	9		SPA060	02	AC3090	01	2	TS8	E1		32A	
16747		XA241	77			XA242	04				16B	9		SPA060	03	ACCP4A	01	2	TS8	F1		38B	
16748		XA242	04			XA242	30				16B	9		SPA060	04	ACAD3A	01	4	TS8	A1		04A	
16749		XA242	30			XA242	73				16B	9		SPA060	05	AC2RCA	01	6	TS8	C1		15A	
16750		XA242	73			XA243	03				16B	9		SPA060	06	AC315A	01	4	TS8	F1		36B	
16751		XA243	03			XA243	04				16B	9		SPA060	07	AM03E0	01	1	TQ2	A3		02A	
16752		XA243	04			XA243	08				16B	9		SPA060	08	AM03D0	01	1	TQ2	A2		04A	
16753		XA243	08			XA243	11				16B	9		SPA060	09	AM03C0	01	2	TQ2	A1		06A	
16754		XA243	11			XA243	17				16B	9		SPA060	10	AM03F0	01	1	TQ2	A4		05B	
16755		XA243	17								16B	9		SPA060	11	AM53EA	01	1	TQ2	B3		08B	
16756		XA234	74			XA241	79				16B	9		SPA061	01			RR1	G6				
16757		XA241	79			XA242	06				16B	9		SPA061	02	ACCP4A	01	1	TS8	F1		39B	
											****	SIGNAL		SPA061		IS ON THE		NEXT PAGE	****				

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RECORD NUMBER	FROM			TO			WIRE				IPC DIST. CODE	SIGNAL	SFC NO.	EQUATION	TERM. FACTOR	CKT. OR CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND OR	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
16758		XA242	06		XA242	31		168	9			SPA061	03	ACAD3A	01	3	TS8	A1		05A	
16759		XA242	31		XA242	74		168	9			SPA061	04	ACZRCA	01	7	TS8	C1		15B	
16760		XA242	74		XA243	20		168	9			SPA061	05	AC315A	01	7	TS8	F1		35B	
16761		XA243	20		XA243	23		168	9			SPA061	06	AM53DA	01	1	TQ2	B2		11A	
16762		XA243	23		XA243	24		168	9			SPA061	07	AM53FA	01	1	TQ2	B4		11B	
16763		XA243	24		XA243	37		168	9			SPA061	08	AM53CA	01	2	TQ2	B1		13A	
16764		XA243	37		XA243	41		168	9			SPA061	09	ACZRCA	01	2	TQ2	C4		18B	
16765		XA243	41		XA243	47		168	9			SPA061	10	ACZD30	01	1	TQ2	D3		22B	
16766		XA243	47					168	9			SPA061	11	ACZD40	01	1	TQ2	D4		25B	
16767		XA234	71		XA242	34		168	9			SPA062	01				RR1	H1			
16768		XA242	34		XA242	78		168	9			SPA062	02	ACZRCA	01	5	TS8	C1		16A	
16769		XA242	78		XA243	48		168	9			SPA062	03	AC315A	01	8	TS8	F1		38A	
16770		XA243	48		XA243	53		168	9			SPA062	04	ACZD20	01	2	TQ2	D2		22A	
16771		XA243	53		XA243	56		168	9			SPA062	05	AM51EA	01	1	TQ2	E3		28B	
16772		XA243	56		XA243	59		168	9			SPA062	06	ACZD10	01	1	TQ2	D1		26A	
16773		XA243	59		XA243	64		168	9			SPA062	07	AM51FA	01	1	TQ2	E4		31B	
16774		XA243	64		XA243	65		168	9			SPA062	08	AM51DA	01	1	TQ2	E2		30A	
16775		XA243	65		XA243	70		168	9			SPA062	09	AM71EA	01	1	TQ2	F3		34B	
16776		XA243	70		XA243	73		168	9			SPA062	10	AM51CA	01	1	TQ2	E1		33A	
16777		XA243	73					168	9			SPA062	11	AM71DA	01	1	TQ2	F2		36B	
16778		XA234	73		XA243	76		168	9			SPA063	01				RR1	H2			
16779		XA243	76		XA243	79		168	9			SPA063	02	AM71FA	01	1	TQ2	F4		37A	
16780		XA243	79		XA244	03		168	9			SPA063	03	AM71CA	01	1	TQ2	F1		39B	
16781		XA244	03		XA244	05		168	9			SPA063	04	ACDQCO	01	1	TQ2	A3		02A	
16782		XA244	05		XA244	08		168	9			SPA063	05	ACDB0A	01	2	TQ2	A2		03B	
16783		XA244	08		XA244	11		168	9			SPA063	06	ACAQCO	01	2	TQ2	A1		06A	
16784		XA244	11		XA244	18		168	9			SPA063	07	ACMTCO	01	1	TQ2	A4		05B	
16785		XA244	18		XA244	19		168	9			SPA063	08	ACSECO	01	2	TQ2	B2		10A	
16786		XA244	19		XA244	23		168	9			SPA063	09	AC00CA	01	2	TQ2	B3		09B	
16787		XA244	23		XA244	24		168	9			SPA063	10	AC00CO	01	1	TQ2	B4		11B	
16788		XA244	24					168	9			SPA063	11	ACRHCO	01	2	TQ2	B1		13A	
16789		XA234	75		XA244	47		168	9			SPA064	01				RR1	H3			
16790		XA244	47		XA244	53		168	9			SPA064	02	AM02CO	01	1	TQ2	D4		25B	
16791		XA244	53		XA244	59		168	9			SPA064	03	AM01EO	01	1	TQ2	E3		28B	
16792		XA244	59		XA244	64		168	9			SPA064	04	AM01FO	01	1	TQ2	E4		31B	
16793		XA244	64		XA244	65		168	9			SPA064	05	AM01DO	01	1	TQ2	E2		30A	
16794		XA244	65		XA244	68		168	9			SPA064	06	AM21EO	01	1	TQ2	F3		34B	
16795		XA244	68		XA244	73		168	9			SPA064	07	AM01CO	01	2	TQ2	E1		32A	
16796		XA244	73					168	9			SPA064	08	AM21DO	01	1	TQ2	F2		36B	
16797		XA234	76		XA244	76		168	9			SPA065	01				RR1	H4			
16798		XA244	76		XA244	77		168	9			SPA065	02	AM21FO	01	1	TQ2	F4		37A	
16799		XA244	77		XA245	14		168	9			SPA065	03	AM21CO	01	2	TQ2	F1		38B	
16800		XA245	14		XA245	36		168	9			SPA065	04	ACDBEO	01	3	TQ4	B2		09A	
16801		XA245	36		XA245	42		168	9			SPA065	05	AC202A	01	1	TQ4	C2		17A	
16802		XA245	42		XA245	43		168	9			SPA065	06	ACDBDO	01	1	TQ4	C1		20A	
16803		XA245	43		XA245	68		168	9			SPA065	07	ACAD1A	01	4	TQ4	D2		23B	
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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT														
16804		XA245	68										168 9	SPA065	08	ACAD2A	01 2	T04	E1		32A					
16805		XA310	40		XA312	03							168 9	SPA066	01			RR1	D4							
16806		XA312	03		XA312	11							168 9	SPA066	02	DTTDC0	01 1	TQ2	A3		02A					
16807		XA312	11		XA312	19							168 9	SPA066	03	DTTDD0	01 1	TQ2	A4		05B					
16808		XA312	19		XA312	20							168 9	SPA066	04	DTTGG0	01 2	TQ2	B3		09B					
16809		XA312	20		XA312	23							168 9	SPA066	05	DTTDF0	01 1	TQ2	B2		11A					
16810		XA312	23		XA312	26							168 9	SPA066	06	DTTGH0	01 1	TQ2	B4		11B					
16811		XA312	26		XA313	03							168 9	SPA066	07	DTTDE0	01 1	TQ2	B1		14A					
16812		XA313	03		XA313	04							168 9	SPA066	08	TDDBE0	01 1	TQ2	A3		02A					
16813		XA313	04		XA313	08							168 9	SPA066	09	TDDBD0	01 1	TQ2	A2		04A					
16814		XA313	08		XA335	05							168 9	SPA066	10	TDDBC0	01 2	TQ2	A1		06A					
16815		XA335	05										168 9	SPA066	11	DB30A0	01 2	TQ2	A2		03B					
16816		XA335	07		XA335	10							168 9	SPA067	01	DB29A0	01 2	TQ2	A3		03A					
16817		XA335	10		XA335	13							168 9	SPA067	02	DB31A0	01 1	TQ2	A1		07A					
16818		XA335	13		XA335	18							168 9	SPA067	03	DB28A0	01 2	TQ2	A4		06B					
16819		XA335	18		XA335	19							168 9	SPA067	04	DB26A0	01 2	TQ2	B2		10A					
16820		XA335	19		XA335	24							168 9	SPA067	05	DB25A0	01 2	TQ2	B3		09B					
16821		XA335	24		XA335	25							168 9	SPA067	06	DB27A0	01 2	TQ2	B1		13A					
16822		XA335	25		XA335	31							168 9	SPA067	07	DB24A0	01 2	TQ2	B4		12B					
16823		XA335	31		XA335	34							168 9	SPA067	08	DB21A0	01 2	TQ2	C3		15B					
16824		XA335	34		XA335	37							168 9	SPA067	09	DB22A0	01 2	TQ2	C2		16A					
16825		XA335	37		XA343	05							168 9	SPA067	10	DB20A0	01 2	TQ2	C4		18B					
16826		XA343	05										168 9	SPA067	11			RR1	A1							
16827		XA335	40		XA335	41							168 9	SPA068	01	DB23A0	01 2	TQ2	C1		19A					
16828		XA335	41		XA335	47							168 9	SPA068	02	DB17A0	01 1	TQ2	D3		22B					
16829		XA335	47		XA335	48							168 9	SPA068	03	DB16A0	01 1	TQ2	D4		25B					
16830		XA335	48		XA335	53							168 9	SPA068	04	DB18A0	01 2	TQ2	D2		22A					
16831		XA335	53		XA335	54							168 9	SPA068	05	DB13A0	01 1	TQ2	E3		28B					
16832		XA335	54		XA335	59							168 9	SPA068	06	DB19A0	01 2	TQ2	D1		25A					
16833		XA335	59		XA335	62							168 9	SPA068	07	DB12A0	01 1	TQ2	E4		31B					
16834		XA335	62		XA335	65							168 9	SPA068	08	DB14A0	01 2	TQ2	E2		29A					
16835		XA335	65		XA335	68							168 9	SPA068	09	DB09A0	01 1	TQ2	F3		34B					
16836		XA335	68		XA343	06							168 9	SPA068	10	DB15A0	01 2	TQ2	E1		32A					
16837		XA343	06										168 9	SPA068	11			RR1	A2							
16838		XA335	71		XA335	76							168 9	SPA069	01	DB10A0	01 2	TQ2	F2		36A					
16839		XA335	76		XA335	77							168 9	SPA069	02	DB08A0	01 1	TQ2	F4		37A					
16840		XA335	77		XA336	03							168 9	SPA069	03	DB11A0	01 2	TQ2	F1		38B					
16841		XA336	03		XA336	05							168 9	SPA069	04	DB29M0	01 1	TQ2	A3		02A					
16842		XA336	05		XA336	08							168 9	SPA069	05	DB30M0	01 2	TQ2	A2		03B					
16843		XA336	08		XA336	11							168 9	SPA069	06	DB31M0	01 2	TQ2	A1		06A					
16844		XA336	11		XA336	17							168 9	SPA069	07	DB28M0	01 1	TQ2	A4		05B					
16845		XA336	17		XA336	18							168 9	SPA069	08	DB25M0	01 1	TQ2	B3		08B					
16846		XA336	18		XA336	23							168 9	SPA069	09	DB26M0	01 2	TQ2	B2		10A					
16847		XA336	23		XA343	07							168 9	SPA069	10	DB24M0	01 1	TQ2	B4		11B					
16848		XA343	07										168 9	SPA069	11			RPL	A3							
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	PREFIX	CONNECTOR	PIN	INFS	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
16849		XA336	26		XA336	29			168	9		SPA070	01	DB27M0	01	1	TQ2	B1		14A		
16850		XA336	29		XA336	34			168	9		SPA070	02	DB21M0	01	1	TQ2	C3		14B		
16851		XA336	34		XA336	35			168	9		SPA070	03	DB22M0	01	2	TQ2	C2		16A		
16852		XA336	35		XA336	41			168	9		SPA070	04	DB20M0	01	1	TQ2	C4		17B		
16853		XA336	41		XA336	42			168	9		SPA070	05	DB17M0	01	1	TQ2	D3		22B		
16854		XA336	42		XA336	47			168	9		SPA070	06	DB23M0	01	1	TQ2	C1		20A		
16855		XA336	47		XA336	48			168	9		SPA070	07	DB16M0	01	1	TQ2	D4		25B		
16856		XA336	48		XA336	54			168	9		SPA070	08	DB18M0	01	2	TQ2	D2		22A		
16857		XA336	54		XA336	55			168	9		SPA070	09	DB19M0	01	2	TQ2	D1		25A		
16858		XA336	55		XA343	08			168	9		SPA070	10	DB13M0	01	2	TQ2	E3		29B		
16859		XA343	08						168	9		SPA070	11				RR1	A4				
16860		XA336	61		XA336	64			168	9		SPA071	01	DB12M0	01	2	TQ2	E4		32B		
16861		XA336	64		XA336	70			168	9		SPA071	02	DB14M0	01	1	TQ2	E2		30A		
16862		XA336	70		XA336	73			168	9		SPA071	03	DB15M0	01	1	TQ2	E1		33A		
16863		XA336	73		XA336	74			168	9		SPA071	04	DB10M0	01	1	TQ2	F2		36B		
16864		XA336	74		XA336	78			168	9		SPA071	05	DB09M0	01	2	TQ2	F3		35B		
16865		XA336	78		XA336	79			168	9		SPA071	06	DB08M0	01	2	TQ2	F4		38A		
16866		XA336	79		XA337	03			168	9		SPA071	07	DB11M0	01	1	TQ2	F1		39B		
16867		XA337	03		XA337	05			168	9		SPA071	08	DAADD0	01	1	TQ2	A3		02A		
16868		XA337	05		XA337	08			168	9		SPA071	09	DAACE0	01	2	TQ2	A2		03B		
16869		XA337	08		XA343	09			168	9		SPA071	10	DAACD0	01	2	TQ2	A1		06A		
16870		XA343	09						168	9		SPA071	11				RR1	A5				
16871		XA337	13		XA337	18			168	9		SPA072	01	DAADE0	01	2	TQ2	A4		06B		
16872		XA337	18		XA337	19			168	9		SPA072	02	DAACG0	01	2	TQ2	B2		10A		
16873		XA337	19		XA337	25			168	9		SPA072	03	DAADF0	01	2	TQ2	B3		09B		
16874		XA337	25		XA337	26			168	9		SPA072	04	DAADG0	01	2	TQ2	B4		12B		
16875		XA337	26		XA337	29			168	9		SPA072	05	DAACF0	01	1	TQ2	B1		14A		
16876		XA337	29		XA337	34			168	9		SPA072	06	DB05A0	01	1	TQ2	C3		14B		
16877		XA337	34		XA337	35			168	9		SPA072	07	DB06A0	01	2	TQ2	C2		16A		
16878		XA337	35		XA337	40			168	9		SPA072	08	DB04A0	01	1	TQ2	C4		17B		
16879		XA337	40		XA337	41			168	9		SPA072	09	DB07A0	01	2	TQ2	C1		19A		
16880		XA337	41		XA343	10			168	9		SPA072	10	DB01A0	01	1	TQ2	D3		22B		
16881		XA343	10						168	9		SPA072	11				RR1	A6				
16882		XA337	47		XA337	48			168	9		SPA073	01	DB00A0	01	1	TQ2	D4		25B		
16883		XA337	48		XA337	54			168	9		SPA073	02	DB02A0	01	2	TQ2	D2		22A		
16884		XA337	54		XA337	55			168	9		SPA073	03	DB03A0	01	2	TQ2	D1		25A		
16885		XA337	55		XA337	61			168	9		SPA073	04	DB05M0	01	2	TQ2	E3		29B		
16886		XA337	61		XA337	64			168	9		SPA073	05	DB04M0	01	2	TQ2	E4		32B		
16887		XA337	64		XA337	70			168	9		SPA073	06	DB06M0	01	1	TQ2	E2		30A		
16888		XA337	70		XA337	73			168	9		SPA073	07	DB07M0	01	1	TQ2	E1		33A		
16889		XA337	73		XA337	74			168	9		SPA073	08	DB02M0	01	1	TQ2	F2		36B		
16890		XA337	74		XA337	78			168	9		SPA073	09	DB01M0	01	2	TQ2	F3		35B		
16891		XA337	78		XA343	17			168	9		SPA073	10	DB00M0	01	2	TQ2	F4		38A		
16892		XA343	17						168	9		SPA073	11				RR1	B1				
16893		XA337	75		XA343	18			168	9		SPA074	01	DB03M0	01	1	TQ2	F1		39B		
16894		XA343	18		XA345	01			168	9		SPA074	02				RR1	B2				
									****	SIGNAL		SPA074		IS ON THE			NEXT PAGE		****			

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RECORD NUMBER	FROM				TO				WIRE				SPEC. NO.	SIGNAL	SEQ NO	EQUATION	TERM	FACT	CKT OR CHIP TYPE	GROUP	LOAD CP POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT													
16895		XA345	01			XA345	25				168	9		SPA074	03	AC1190	01	6	TS8	A1		02B			
16896		XA345	25			XA345	38				168	9		SPA074	04	AC1290	01	8	TS8	B1		12B			
16897		XA345	38			XA345	56				168	9		SPA074	05	AC1390	01	3	TS8	C1		18A			
16898		XA345	56			XA345	68				168	9		SPA074	06	AC1490	01	1	TS8	D1		26A			
16899		XA345	68			XA345	73				168	9		SPA074	07	AC1590	01	2	TS8	E1		32A			
16900		XA345	73			XA346	07				168	9		SPA074	08	AC1690	01	4	TS8	F1		36B			
16901		XA346	07			XA346	19				168	9		SPA074	09	AC0590	01	7	TS8	A1		03A			
16902		XA346	19			XA346	36				168	9		SPA074	10	AC0690	01	7	TS8	B1		09B			
16903		XA346	36								168	9		SPA074	11	AC0790	01	4	TS8	C1		17A			
16904		XA343	19			XA345	79				168	9		SPA075	01				RR1	B3					
16905		XA345	79			XA346	43				168	9		SPA075	02	AC1690	01	1	TS8	F1		39B			
16906		XA346	43			XA346	68				168	9		SPA075	03	AC0890	01	7	TS8	D1		23B			
16907		XA346	68			XA346	79				168	9		SPA075	04	AC0990	01	2	TS8	E1		32A			
16908		XA346	79			XA347	24				168	9		SPA075	05	AC1090	01	1	TS8	F1		39B			
16909		XA347	24			XA347	31				168	9		SPA075	06	AC0090	01	2	TS8	B1		13A			
16910		XA347	31			XA347	43				168	9		SPA075	07	AC0190	01	7	TS8	C1		15B			
16911		XA347	43			XA347	60				168	9		SPA075	08	AC0290	01	7	TS8	D1		23B			
16912		XA347	60			XA347	79				168	9		SPA075	09	AC0390	01	6	TS8	E1		28A			
16913		XA347	79			XA413	62				168	9		SPA075	10	AC0490	01	1	TS8	F1		39B			
17800		XA413	62								168	9		SPA075	11	MD016A	01	3	TD4	E2		29A			
16914		XA310	41			XA410	03				168	9		SPA078	01				RR1	E1					
16915		XA410	03			XA410	05				168	9		SPA078	02	MYA020	01	1	TQ2	A3		02A			
16916		XA410	05			XA410	10				168	9		SPA078	03	MYA010	01	2	TQ2	A2		03B			
16917		XA410	10			XA410	11				168	9		SPA078	04	MYA000	01	1	TQ2	A1		07A			
16918		XA410	11			XA410	17				168	9		SPA078	05	MYA030	01	1	TQ2	A4		05B			
16919		XA410	17			XA410	18				168	9		SPA078	06	MYA060	01	1	TQ2	B3		08B			
16920		XA410	18			XA410	23				168	9		SPA078	07	MYA050	01	2	TQ2	B2		10A			
16921		XA410	23			XA410	26				168	9		SPA078	08	MYA070	01	1	TQ2	B4		11B			
16922		XA410	26			XA410	31				168	9		SPA078	09	MYA040	01	1	TQ2	B1		14A			
16923		XA410	31			XA410	77				168	9		SPA078	10	MYA100	01	2	TQ2	C3		15B			
16929		XA410	77								168	9		SPA078	11		01	2	TQ2	F1		38B			
16925		XA310	45			XA410	42				168	9		SPA079	01				RR1	E2					
16926		XA410	42			XA410	73				168	9		SPA079	02	MYA080	01	1	TQ2	C1		20A			
16927		XA410	73			XA410	74				168	9		SPA079	03	CMCP6A	01	1	TQ2	F2		36B			
16928		XA410	74			XA410	36				168	9		SPA079	04	CMCP7A	01	2	TQ2	F3		35B			
16924		XA410	36			XA410	79				168	9		SPA079	05	MYA090	01	1	TQ2	C2		17A			
16930		XA410	79			XA411	17				168	9		SPA079	06		01	1	TQ2	F1		39B			
16931		XA411	17			XA411	39				168	9		SPA079	07	CMM3BQ	01	1	TDD	DQ		08B			
16932		XA411	39			XA413	64				168	9		SPA079	08	CMM4BQ	01	1	TDD	EQ		19B			
17812		XA413	64			XA412	79				168	9		SPA079	09	MD016A	01	4	TD4	E2		30A		B03	
17811		XA412	79								168	9		SPA079	10		01	1	TD4	F1		39B		B03	
16939		XA310	47			XA411	51				168	9		SPA080	01				RR1	E3					
16940		XA411	51			XA412	50				168	9		SPA080	02	CMM6BQ	01	1	TDD	GQ		27B			
16941		XA412	50			XA414	08				168	9		SPA080	03	MD0280	01	1	TD4	D2		23A			
16942		XA414	08			XA417	79				168	9		SPA080	04	MD0370	01	2	TQ2	A1		06A			
16943		XA417	79			XA419	24				168	9		SPA080	05	MA0010	01	1	TQ2	F1		39B			
											****		SIGNAL	SPA080		IS ON THE			NEXT PAGE	****					



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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI-GROUP	CODE	COLOR											
16944		XA419	24		XA419	35		16B	9		SPA080	06	MD0210	01	2	TQ2	B1	13A		
16945		XA419	35		XA419	41		16B	9		SPA080	07	MD0380	01	1	TQ2	C4	17B		
16946		XA419	41		XA419	42		16B	9		SPA080	08	MD0410	01	1	TQ2	D3	22B		
16947		XA419	42		XA419	47		16B	9		SPA080	09	MD0260	01	1	TQ2	C1	20A		
16948		XA419	47		XA419	55		16B	9		SPA080	10	MD0420	01	1	TQ2	D4	25B		
16949		XA419	55					16B	9		SPA080	11	MA15Q0	01	2	TQ2	E3	29B		
16950		XA310	48		XA419	56		16B	9		SPA081	01				RR1	E4			
16951		XA419	56		XA419	64		16B	9		SPA081	02	MD0390	01	1	TQ2	D1	26A		
16952		XA419	64		XA421	03		16B	9		SPA081	03	MA15P0	01	1	TQ2	E2	30A		
16953		XA421	03		XA421	15		16B	9		SPA081	04	MD048Q	01	1	TDD	BQ	02A		
16954		XA421	15		XA421	17		16B	9		SPA081	05	MD008Q	01	1	TDD	AQ	07B		
16955		XA421	17		XA421	27		16B	9		SPA081	06	MD128Q	01	1	TDD	JQ	08B		
16956		XA421	27		XA421	29		16B	9		SPA081	07	MD088Q	01	1	TDD	CQ	13B		
16957		XA421	29		XA421	39		16B	9		SPA081	08	MD208Q	01	1	TDD	FQ	14B		
16958		XA421	39		XA421	41		16B	9		SPA081	09	MD168Q	01	1	TDD	EQ	19B		
16959		XA421	41		XA421	51		16B	9		SPA081	10	MD288Q	01	1	TDD	HQ	22B		
16960		XA421	51					16B	9		SPA081	11	MD248Q	01	1	TDD	GQ	27B		
16961		XA310	52		XA421	04		16B	9		SPA082	01				RR1	E5			
16962		XA421	04		XA421	06		16B	9		SPA082	02	MD048P	01	1	TDD	BP	04A		
16963		XA421	06		XA421	20		16B	9		SPA082	03	MD008P	01	1	TDD	AP	05A		
16964		XA421	20		XA421	22		16B	9		SPA082	04	MD128P	01	1	TDD	DP	11A		
16965		XA421	22		XA421	36		16B	9		SPA082	05	MD088P	01	1	TDD	CP	12A		
16966		XA421	36		XA421	38		16B	9		SPA082	06	MD208P	01	1	TDD	FP	17A		
16967		XA421	38		XA421	50		16B	9		SPA082	07	MD168P	01	1	TDD	EP	18A		
16968		XA421	50		XA421	52		16B	9		SPA082	08	MD288P	01	1	TDD	HP	23A		
16969		XA421	52		XA421	64		16B	9		SPA082	09	MD248P	01	1	TDD	GP	24A		
16970		XA421	64		XA421	66		16B	9		SPA082	10	MA048P	01	1	TDD	KP	30A		
16971		XA421	66					16B	9		SPA082	11	MA008P	01	1	TDD	JP	31A		
16972		XA310	54		XA421	53		16B	9		SPA083	01				RR1	E6			
16973		XA421	53		XA421	63		16B	9		SPA083	02	MA048Q	01	1	TDD	KQ	28B		
16974		XA421	63		XA421	65		16B	9		SPA083	03	MA008Q	01	1	TDD	JQ	33B		
16975		XA421	65		XA421	80		16B	9		SPA083	04	MA128Q	01	1	TDD	MQ	34B		
16976		XA421	80		XA422	03		16B	9		SPA083	05	MA088Q	01	1	TDD	LQ	39A		
16977		XA422	03		XA422	15		16B	9		SPA083	06	MD058Q	01	1	TDD	BQ	02A		
16978		XA422	15		XA422	17		16B	9		SPA083	07	MD018Q	01	1	TDD	AQ	07B		
16979		XA422	17		XA422	27		16B	9		SPA083	08	MD138Q	01	1	TDD	DQ	08B		
16980		XA422	27		XA422	29		16B	9		SPA083	09	MD098Q	01	1	TDD	CQ	13B		
16981		XA422	29		XA422	39		16B	9		SPA083	10	MD218Q	01	1	TDD	FQ	14B		
16982		XA422	39					16B	9		SPA083	11	MD178Q	01	1	TDD	EQ	19B		
16983		XA310	51		XA421	73		16B	9		SPA084	01				RR1	F1			
16984		XA421	73		XA421	75		16B	9		SPA084	02	MA128P	01	1	TDD	MP	36B		
16985		XA421	75		XA422	04		16B	9		SPA084	03	MA088P	01	1	TDD	LP	37B		
16986		XA422	04		XA422	06		16B	9		SPA084	04	MD058P	01	1	TDD	BP	04A		
16987		XA422	06		XA422	20		16B	9		SPA084	05	MD018P	01	1	TDD	AP	05A		
16988		XA422	20		XA422	22		16B	9		SPA084	06	MD138P	01	1	TDD	DP	11A		
16989		XA422	22		XA422	36		16B	9		SPA084	07	MD098P	01	1	TDD	CP	12A		
								****		SIGNAL	SPA084		IS ON THE			NEXT PAGE	****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
16990		XA422	36		XA422	38			168	9			SPA084	08	MD21BP	01	1	TDD	FP		17A		
16991		XA422	38		XA422	50			168	9			SPA084	09	MD17BP	01	1	TDD	EP		18A		
16992		XA422	50		XA422	52			168	9			SPA084	10	MD29BP	01	1	TDD	HP		23A		
16993		XA422	52						168	9			SPA084	11	MD25BP	01	1	TDD	GP		24A		
16994		XA310	53		XA422	41			168	9			SPA085	01				RR1	F2				
16995		XA422	41		XA422	51			168	9			SPA085	02	MD29BQ	01	1	TDD	HQ		22B		
16996		XA422	51		XA422	53			168	9			SPA085	03	MD25BQ	01	1	TDD	GQ		27B		
16997		XA422	53		XA422	63			168	9			SPA085	04	MA05BQ	01	1	TDD	KQ		28B		
16998		XA422	63		XA422	65			168	9			SPA085	05	MA01BQ	01	1	TDD	JQ		33B		
16999		XA422	65		XA422	80			168	9			SPA085	06	MA13BQ	01	1	TDD	MQ		34B		
17000		XA422	80		XA423	03			168	9			SPA085	07	MA09BQ	01	1	TDD	LQ		39A		
17001		XA423	03		XA423	15			168	9			SPA085	08	MD06BQ	01	1	TDD	BQ		02A		
17002		XA423	15		XA423	17			168	9			SPA085	09	MD02BQ	01	1	TDD	AQ		07B		
17003		XA423	17		XA423	27			168	9			SPA085	10	MD14BQ	01	1	TDD	DQ		08B		
17004		XA423	27						168	9			SPA085	11	MD10BQ	01	1	TDD	CQ		13B		
17005		XA310	55		XA422	64			168	9			SPA086	01				RR1	F3				
17006		XA422	64		XA422	66			168	9			SPA086	02	MA05BP	01	1	TDD	KP		30A		
17007		XA422	66		XA422	73			168	9			SPA086	03	MA01BP	01	1	TDD	JP		31A		
17008		XA422	73		XA422	75			168	9			SPA086	04	MA13BP	01	1	TDD	MP		36B		
17009		XA422	75		XA423	04			168	9			SPA086	05	MA09BP	01	1	TDD	LP		37B		
17010		XA423	04		XA423	06			168	9			SPA086	06	MD06BP	01	1	TDD	BP		04A		
17011		XA423	06		XA423	20			168	9			SPA086	07	MD02BP	01	1	TDD	AP		05A		
17012		XA423	20		XA423	22			168	9			SPA086	08	MD14BP	01	1	TDD	DP		11A		
17013		XA423	22		XA423	36			168	9			SPA086	09	MD10BP	01	1	TDD	CP		12A		
17014		XA423	36		XA423	38			168	9			SPA086	10	MD22BP	01	1	TDD	FP		17A		
17015		XA423	38						168	9			SPA086	11	MD18BP	01	1	TDD	EP		18A		
17016		XA343	20		XA423	29			168	9			SPA087	01				RR1	B4				
17017		XA423	29		XA423	39			168	9			SPA087	02	MD22BQ	01	1	TDD	FQ		14B		
17018		XA423	39		XA423	41			168	9			SPA087	03	MD18BQ	01	1	TDD	EQ		19B		
17019		XA423	41		XA423	51			168	9			SPA087	04	MD30BQ	01	1	TDD	HQ		22B		
17020		XA423	51		XA423	53			168	9			SPA087	05	MD26BQ	01	1	TDD	GQ		27B		
17021		XA423	53		XA423	63			168	9			SPA087	06	MA06BQ	01	1	TDD	KQ		28B		
17022		XA423	63		XA423	65			168	9			SPA087	07	MA02BQ	01	1	TDD	JQ		33B		
17023		XA423	65		XA423	80			168	9			SPA087	08	MA14BQ	01	1	TDD	MQ		34B		
17024		XA423	80		XA424	03			168	9			SPA087	09	MA10BQ	01	1	TDD	LQ		39A		
17025		XA424	03		XA424	15			168	9			SPA087	10	MD07BQ	01	1	TDD	BQ		02A		
17026		XA424	15						168	9			SPA087	11	MD03BQ	01	1	TDD	AQ		07B		
17027		XA343	24		XA423	50			168	9			SPA088	01				RR1	B5				
17028		XA423	50		XA423	52			168	9			SPA088	02	MD30BP	01	1	TDD	HP		23A		
17029		XA423	52		XA423	64			168	9			SPA088	03	MD26BP	01	1	TDD	GP		24A		
17030		XA423	64		XA423	66			168	9			SPA088	04	MA06BP	01	1	TDD	KP		30A		
17031		XA423	66		XA423	73			168	9			SPA088	05	MA02BP	01	1	TDD	JP		31A		
17032		XA423	73		XA423	75			168	9			SPA088	06	MA14BP	01	1	TDD	MP		36B		
17033		XA423	75		XA424	04			168	9			SPA088	07	MA10BP	01	1	TDD	LP		37B		
17034		XA424	04		XA424	06			168	9			SPA088	08	MD07BP	01	1	TDD	BP		04A		
17035		XA424	06		XA424	20			168	9			SPA088	09	MD03BP	01	1	TDD	AP		05A		
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	PREFIX	CONNECTOR	PIN	PL	PREFIX	CONNECTOR	PIN	PL	MULTI GROUP	CODE	COLOR	IDENT											
17036		XA424	20		XA424	22				16B	9		SPA088	10	MD15BP	01	1	TDD	DP		11A		
17037		XA424	22							16B	9		SPA088	11	MD11BP	01	1	TDD	CP		12A		
17038		XA343	26		XA424	17				16B	9		SPA089	01				RR1	B6				
17039		XA424	17		XA424	27				16B	9		SPA089	02	MD15BQ	01	1	TDD	DO		08B		
17040		XA424	27		XA424	29				16B	9		SPA089	03	MD11BQ	01	1	TDD	CQ		13B		
17041		XA424	29		XA424	39				16B	9		SPA089	04	MD23BQ	01	1	TDD	FQ		14B		
17042		XA424	39		XA424	41				16B	9		SPA089	05	MD19BQ	01	1	TDD	EQ		19B		
17043		XA424	41		XA424	51				16B	9		SPA089	06	MD31BQ	01	1	TDD	HQ		22B		
17044		XA424	51		XA424	53				16B	9		SPA089	07	MD27BQ	01	1	TDD	GQ		27B		
17045		XA424	53		XA424	63				16B	9		SPA089	08	MA07BQ	01	1	TDD	KQ		28B		
17046		XA424	63		XA424	65				16B	9		SPA089	09	MA03BQ	01	1	TDD	JQ		33B		
17047		XA424	65		XA424	80				16B	9		SPA089	10	MA15BQ	01	1	TDD	MQ		34B		
17048		XA424	80							16B	9		SPA089	11	MA11BQ	01	1	TDD	LQ		39A		
17052		XA343	23		XA424	36				16B	9		SPA090	01				RR1	C1				
17053		XA424	36		XA424	38				16B	9		SPA090	02	MD23BP	01	1	TDD	FP		17A		
17054		XA424	38		XA424	50				16B	9		SPA090	03	MD19BP	01	1	TDD	EP		18A		
17055		XA424	50		XA424	52				16B	9		SPA090	04	MD31BP	01	1	TDD	HP		23A		
17056		XA424	52		XA424	64				16B	9		SPA090	05	MD27BP	01	1	TDD	GP		24A		
17057		XA424	64		XA424	66				16B	9		SPA090	06	MA07BP	01	1	TDD	KP		30A		
17058		XA424	66		XA424	73				16B	9		SPA090	07	MA03BP	01	1	TDD	JP		31A		
17059		XA424	73		XA424	75				16B	9		SPA090	08	MA15BP	01	1	TDD	MP		36B		
17060		XA424	75		XA433	03				16B	9		SPA090	09	MA11BP	01	1	TDD	LP		37B		
17061		XA433	03		XA433	04				16B	9		SPA090	10	MB02V0	01	1	TQ2	A3		02A		
17062		XA433	04							16B	9		SPA090	11	MB01V0	01	1	TQ2	A2		04A		
17063		XA343	25		XA433	11				16B	9		SPA091	01				RR1	C2				
17064		XA433	11		XA433	17				16B	9		SPA091	02	MB03V0	01	1	TQ2	A4		05B		
17065		XA433	17		XA433	18				16B	9		SPA091	03	MB06V0	01	1	TQ2	B3		08B		
17066		XA433	18		XA433	25				16B	9		SPA091	04	MB05V0	01	2	TQ2	B2		10A		
17067		XA433	25		XA433	26				16B	9		SPA091	05	MB07V0	01	2	TQ2	B4		12B		
17068		XA433	26		XA433	31				16B	9		SPA091	06	MB04V0	01	1	TQ2	B1		14A		
17069		XA433	31		XA433	36				16B	9		SPA091	07	MB10V0	01	2	TQ2	C3		15B		
17070		XA433	36		XA433	37				16B	9		SPA091	08	MB09V0	01	1	TQ2	C2		17A		
17071		XA433	37		XA433	42				16B	9		SPA091	09	MB11V0	01	2	TQ2	C4		18B		
17072		XA433	42		XA433	43				16B	9		SPA091	10	MB08V0	01	1	TQ2	C1		20A		
17073		XA433	43							16B	9		SPA091	11	MB14V0	01	2	TQ2	D3		23B		
17074		XA343	29		XA433	49				16B	9		SPA092	01				RR1	C3				
17075		XA433	49		XA433	50				16B	9		SPA092	02	MB15V0	01	2	TQ2	D4		26B		
17076		XA433	50		XA433	56				16B	9		SPA092	03	MB13V0	01	1	TQ2	D2		23A		
17077		XA433	56		XA433	62				16B	9		SPA092	04	MB12V0	01	1	TQ2	D1		26A		
17078		XA433	62		XA433	65				16B	9		SPA092	05	MA0040	01	2	TQ2	E2		29A		
17079		XA433	65		XA433	70				16B	9		SPA092	06	MD2830	01	1	TQ2	F3		34B		
17080		XA433	70		XA433	71				16B	9		SPA092	07	MA0030	01	1	TQ2	E1		33A		
17081		XA433	71		XA433	77				16B	9		SPA092	08	MD2810	01	2	TQ2	F2		36A		
17082		XA433	77		XA434	70				16B	9		SPA092	09	MK0800	01	2	TQ2	F1		38B		
17083		XA434	70		XA434	71				16B	9		SPA092	10	MC0340	01	1	TQ2	E1		33A		
17084		XA434	71							16B	9		SPA092	11	MC0330	01	2	TQ2	F2		36A		



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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
17129		XA343	37			XA447	70				16B	9		SPA097	01			RR1	D2					
17130		XA447	70			XA447	73				16B	9		SPA097	02	GX1080	01	1	TQ2	E1		33A		
17131		XA447	73			XA447	78				16B	9		SPA097	03	GY1100	01	1	TQ2	F2		36B		
17132		XA447	78			XA447	79				16B	9		SPA097	04	GY1110	01	2	TQ2	F4		38A		
17133		XA447	79			XA448	03				16B	9		SPA097	05	GX1100	01	1	TQ2	F1		39B		
17134		XA448	03			XA448	05				16B	9		SPA097	06	GX2010	01	1	TQ2	A3		02A		
17135		XA448	05			XA448	10				16B	9		SPA097	07	GY2000	01	2	TQ2	A2		03B		
17136		XA448	10			XA448	11				16B	9		SPA097	08	GX2000	01	1	TQ2	A1		07A		
17137		XA448	11			XA448	17				16B	9		SPA097	09	GY2010	01	1	TQ2	A4		05B		
17138		XA448	17			XA448	20				16B	9		SPA097	10	GX2030	01	1	TQ2	B3		08B		
17139		XA448	20								16B	9		SPA097	11	GY2020	01	1	TQ2	B2		11A		
17140		XA343	39			XA448	23				16B	9		SPA098	01			RR1	D3					
17141		XA448	23			XA448	26				16B	9		SPA098	02	GY2030	01	1	TQ2	B4		11B		
17142		XA448	26			XA448	29				16B	9		SPA098	03	GX2020	01	1	TQ2	B1		14A		
17143		XA448	29			XA448	36				16B	9		SPA098	04	GX2050	01	1	TQ2	C3		14B		
17144		XA448	36			XA448	37				16B	9		SPA098	05	GY2040	01	1	TQ2	C2		17A		
17145		XA448	37			XA448	41				16B	9		SPA098	06	GY2050	01	2	TQ2	C4		18B		
17146		XA448	41			XA448	42				16B	9		SPA098	07	GX2070	01	1	TQ2	D3		22B		
17147		XA448	42			XA448	47				16B	9		SPA098	08	GX2040	01	1	TQ2	C1		20A		
17148		XA448	47			XA448	48				16B	9		SPA098	09	GY2070	01	1	TQ2	D4		25B		
17149		XA448	48			XA448	53				16B	9		SPA098	10	GY2060	01	2	TQ2	D2		22A		
17150		XA448	53								16B	9		SPA098	11	GX2090	01	1	TQ2	E3		28B		
17151		XA343	40			XA448	56				16B	9		SPA099	01			RR1	D4					
17152		XA448	56			XA448	59				16B	9		SPA099	02	GX2060	01	1	TQ2	D1		26A		
17153		XA448	59			XA448	64				16B	9		SPA099	03	GY2090	01	1	TQ2	E4		31B		
17154		XA448	64			XA448	65				16B	9		SPA099	04	GY2080	01	1	TQ2	E2		30A		
17155		XA448	65			XA448	70				16B	9		SPA099	05	GX2110	01	1	TQ2	F3		34B		
17156		XA448	70			XA448	73				16B	9		SPA099	06	GX2080	01	1	TQ2	E1		33A		
17157		XA448	73			XA448	78				16B	9		SPA099	07	GY2100	01	1	TQ2	F2		36B		
17158		XA448	78			XA448	79				16B	9		SPA099	08	GY2110	01	2	TQ2	F4		38A		
17159		XA448	79			XA449	03				16B	9		SPA099	09	GX2100	01	1	TQ2	F1		39B		
17160		XA449	03			XA449	05				16B	9		SPA099	10	GX3010	01	1	TQ2	A3		02A		
17161		XA449	05								16B	9		SPA099	11	GY3000	01	2	TQ2	A2		03B		
17170		XA343	42			XA449	10				16B	9		SPA100	01			RR1	D5					
17171		XA449	10			XA449	11				16B	9		SPA100	02	GX3000	01	1	TQ2	A1		07A		
17172		XA449	11			XA449	17				16B	9		SPA100	03	GY3010	01	1	TQ2	A4		05B		
17173		XA449	17			XA449	20				16B	9		SPA100	04	GX3030	01	1	TQ2	B3		08B		
17174		XA449	20			XA449	23				16B	9		SPA100	05	GY3020	01	1	TQ2	B2		11A		
17175		XA449	23			XA449	26				16B	9		SPA100	06	GY3030	01	1	TQ2	B4		11B		
17176		XA449	26			XA449	29				16B	9		SPA100	07	GX3020	01	1	TQ2	B1		14A		
17177		XA449	29			XA449	36				16B	9		SPA100	08	GX3050	01	1	TQ2	C3		14B		
17178		XA449	36			XA449	37				16B	9		SPA100	09	GY3040	01	1	TQ2	C2		17A		
17179		XA449	37			XA449	41				16B	9		SPA100	10	GY3050	01	2	TQ2	C4		18B		
17180		XA449	41								16B	9		SPA100	11	GX3070	01	1	TQ2	D3		22B		
17181		XA343	46			XA449	42				16B	9		SPA101	01			RR1	D6					
17182		XA449	42			XA449	47				16B	9		SPA101	02	GX3040	01	1	TQ2	C1		20A		
											****	SIGNAL		SPA101		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	QWY.	LOAD OR POWER PLANE	TEST POINTS (AND) JP	SIGNAL DESCRIPTION	ECO NO.
	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	IN PA	MULTI GROUP	CODE	COLOR												
17183		XA449	47		XA449	48			168	9		SPA101	03	GY3070	01	1	TQ2	D4		25B		
17184		XA449	48		XA449	53			168	9		SPA101	04	GY3060	01	2	TQ2	D2		22A		
17185		XA449	53		XA449	56			168	9		SPA101	05	GX3090	01	1	TQ2	E3		28B		
17186		XA449	56		XA449	59			168	9		SPA101	06	GX3060	01	1	TQ2	D1		26A		
17187		XA449	59		XA449	64			168	9		SPA101	07	GY3090	01	1	TQ2	E4		31B		
17188		XA449	64		XA449	65			168	9		SPA101	08	GY3080	01	1	TQ2	E2		30A		
17189		XA449	65		XA449	70			168	9		SPA101	09	GX3110	01	1	TQ2	F3		34B		
17190		XA449	70		XA449	73			168	9		SPA101	10	GX3080	01	1	TQ2	E1		33A		
17191		XA449	73						168	9		SPA101	11	GY3100	01	1	TQ2	F2		36B		
17192		XA343	41		XA449	78			168	9		SPA102	01				RR1	E1				
17193		XA449	78		XA449	79			168	9		SPA102	02	GY3110	01	2	TQ2	F4		38A		
17194		XA449	79		XA450	03			168	9		SPA102	03	GX3100	01	1	TQ2	F1		39B		
17195		XA450	03		XA450	05			168	9		SPA102	04	GX4010	01	1	TQ2	A3		02A		
17196		XA450	05		XA450	10			168	9		SPA102	05	GY4000	01	2	TQ2	A2		03B		
17197		XA450	10		XA450	11			168	9		SPA102	06	GX4000	01	1	TQ2	A1		07A		
17198		XA450	11		XA450	18			168	9		SPA102	07	GY4010	01	1	TQ2	A4		05R		
17199		XA450	18		XA450	19			168	9		SPA102	08	GY4020	01	2	TQ2	B2		10A		
17200		XA450	19		XA450	25			168	9		SPA102	09	GX4030	01	2	TQ2	B3		09B		
17201		XA450	25		XA450	26			168	9		SPA102	10	GY4030	01	2	TQ2	B4		12B		
17202		XA450	26						168	9		SPA102	11	GX4020	01	1	TQ2	B1		14A		
17203		XA343	45		XA450	29			168	9		SPA103	01				RR1	E2				
17204		XA450	29		XA450	36			168	9		SPA103	02	GX4050	01	1	TQ2	C3		14B		
17205		XA450	36		XA450	37			168	9		SPA103	03	GY4040	01	1	TQ2	C2		17A		
17206		XA450	37		XA450	41			168	9		SPA103	04	GY4050	01	2	TQ2	C4		18B		
17207		XA450	41		XA450	42			168	9		SPA103	05	GX4070	01	1	TQ2	D3		22B		
17208		XA450	42		XA450	47			168	9		SPA103	06	GX4040	01	1	TQ2	C1		20A		
17209		XA450	47		XA450	48			168	9		SPA103	07	GY4070	01	1	TQ2	D4		25B		
17210		XA450	48		XA450	53			168	9		SPA103	08	GY4060	01	2	TQ2	D2		22A		
17211		XA450	53		XA450	56			168	9		SPA103	09	GX4090	01	1	TQ2	E3		28B		
17212		XA450	56		XA450	59			168	9		SPA103	10	GX4060	01	1	TQ2	D1		26A		
17213		XA450	59						168	9		SPA103	11	GY4090	01	1	TQ2	E4		31B		
17214		XA343	47		XA410	76			168	9		SPA104	01				RR1	E3				
17215		XA410	76		XA433	08			168	9		SPA104	02				01	1	TQ2	F4		37A
17216		XA433	08		XA450	64			168	9		SPA104	03	MB00V0	01	2	TQ2	A1		06A		
17217		XA450	64		XA450	68			168	9		SPA104	04	GY4080	01	1	TQ2	E2		30A		
17218		XA450	68		XA450	71			168	9		SPA104	05	GX4080	01	2	TQ2	E1		32A		
17219		XA450	71		XA450	74			168	9		SPA104	06	GY4100	01	2	TQ2	F2		36A		
17220		XA450	74		XA450	78			168	9		SPA104	07	GX4110	01	2	TQ2	F3		35B		
17221		XA450	78		XA450	79			168	9		SPA104	08	GY4110	01	2	TQ2	F4		38A		
17222		XA450	79		XA451	29			168	9		SPA104	09	GX4100	01	1	TQ2	F1		39B		
17223		XA451	29						168	9		SPA104	10	GC0060	01	1	TQ2	C3		14B		
17224		XA343	48		XA410	78			168	9		SPA105	01				RR1	E4				
17225		XA410	78		XA451	34			168	9		SPA105	02				01	2	TQ2	F4		38A
17226		XA451	34		XA451	35			168	9		SPA105	03	GC0050	01	2	TQ2	C2		16A		
17227		XA451	35		XA451	41			168	9		SPA105	04	GC0070	01	1	TQ2	C4		17B		
17228		XA451	41		XA451	42			168	9		SPA105	05	GC0120	01	1	TQ2	D3		22B		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST INSEC	
17229		XA451	42		XA451	47				16B	9			SPA105	06	GC0040	01	1	TQ2	C1		20A			
17230		XA451	47		XA451	48				16B	9			SPA105	07	GC0130	01	1	TQ2	D4		25B			
17231		XA451	48		XA451	54				16B	9			SPA105	08	GC0110	01	2	TQ2	D2		22A			
17232		XA451	54							16B	9			SPA105	09	GC0100	01	2	TQ2	D1		25A			
17262		XA430	65		XA511	04				16B	9			SPA108	01				RR1	G3					
17263		XA511	04		XA511	07				16B	9			SPA108	02	MYA120	01	1	TQ2	A2		04A			
17264		XA511	07		XA511	10				16B	9			SPA108	03	MYA130	01	2	TQ2	A3		03A			
17265		XA511	10		XA511	13				16B	9			SPA108	04	MYA110	01	1	TQ2	A1		07A			
17266		XA511	13		XA511	19				16B	9			SPA108	05	MYA140	01	2	TQ2	A4		06B			
17267		XA511	19		XA511	20				16B	9			SPA108	06	MYA170	01	2	TQ2	B3		09B			
17268		XA511	20		XA513	06				16B	9			SPA108	07	MYA160	01	1	TQ2	B2		11A			
17269		XA513	06							16B	9			SPA108	08	MD2320	01	3	TQ4	A1		05A			
17270		XA430	66		XA511	24				16B	9			SPA109	01				RR1	G4					
17271		XA511	24		XA511	25				16B	9			SPA109	02	MYA150	01	2	TQ2	B1		13A			
17272		XA511	25		XA511	31				16B	9			SPA109	03	MYA180	01	2	TQ2	B4		12B			
17273		XA511	31		XA511	36				16B	9			SPA109	04	MYA210	01	2	TQ2	C3		15B			
17274		XA511	36		XA511	37				16B	9			SPA109	05	MYA200	01	1	TQ2	C2		17A			
17275		XA511	37		XA511	42				16B	9			SPA109	06	MYA220	01	2	TQ2	C4		18B			
17276		XA511	42		XA511	43				16B	9			SPA109	07	MYA190	01	1	TQ2	C1		20A			
17277		XA511	43		XA511	49				16B	9			SPA109	08	MYA250	01	2	TQ2	D3		23B			
17278		XA511	49		XA511	50				16B	9			SPA109	09	MYA260	01	2	TQ2	D4		26B			
17279		XA511	50		XA511	55				16B	9			SPA109	10	MYA240	01	1	TQ2	D2		23A			
17280		XA511	55							16B	9			SPA109	11	MYA290	01	2	TQ2	E3		29B			
17293		XA430	71		XA511	56				16B	9			SPA110	01				RR1	H1					
17294		XA511	56		XA511	61				16B	9			SPA110	02	MYA230	01	1	TQ2	D1		26A			
17295		XA511	61		XA511	64				16B	9			SPA110	03	MYA300	01	2	TQ2	E4		32B			
17296		XA511	64		XA511	65				16B	9			SPA110	04	MYA280	01	1	TQ2	E2		30A			
17297		XA511	65		XA511	70				16B	9			SPA110	05				01	1	TQ2	F3		34B	
17298		XA511	70		XA511	76				16B	9			SPA110	06	MYA270	01	1	TQ2	E1		33A			
17299		XA511	76		XA511	79				16B	9			SPA110	07				01	1	TQ2	F4		37A	
17300		XA511	79		XA512	01				16B	9			SPA110	08	MYA310	01	1	TQ2	F1		39B			
17301		XA512	01		XA111	37				16B	9			SPA110	09	MD2510	01	6	TS8	A1		02B			
17302		XA111	37							16B	9			SPA110	10	AKDM1A	01	4	TQ4	C1		18B			
17303		XA430	72		XA512	05				16B	9			SPA111	01				RR1	G5					
17304		XA512	05		XA512	18				16B	9			SPA111	02	MD2510	01	5	TS8	A1		03B			
17305		XA512	18		XA512	37				16B	9			SPA111	03	MD2520	01	5	TS8	B1		10A			
17306		XA512	37		XA512	52				16B	9			SPA111	04	MD2530	01	8	TS8	C1		18B			
17307		XA512	52		XA512	61				16B	9			SPA111	05	MD2540	01	3	TS8	D1		24A			
17308		XA512	61		XA519	19				16B	9			SPA111	06	MD2480	01	8	TS8	E1		32B			
17309		XA519	19		XA521	73				16B	9			SPA111	07	MD122A	01	2	TQ2	B3		09B			
17310		XA521	73		XA521	79				16B	9			SPA111	08	MMASPO	01	1	TQ2	F2		36B			
17311		XA521	79		XA524	60				16B	9			SPA111	09	4C1020	01	1	TQ2	F1		39B			
17312		XA524	60							16B	9			SPA111	10	MP205A	01	3	TQ4	E2		28A			
17313		XA430	73		XA512	07				16B	9			SPA112	01				RR1	H2					
17314		XA512	07		XA512	19				16B	9			SPA112	02	MD2510	01	7	TS8	A1		03A			
										***		SIGNAL	(SPA112)		S ON THE							****			

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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	CODE	COLOR											
17315		XA512	19		XA512	40			168	9	SPA112	03	MD2520	01	7	TS8	B1		09B		
17316		XA512	40		XA512	54			168	9	SPA112	04	MD2530	01	2	TS8	C1		19A		
17317		XA512	54		XA512	64			168	9	SPA112	05	MD2540	01	2	TS8	D1		29A		
17318		XA512	64		XA512	77			168	9	SPA112	06	MD2480	01	4	TS8	E1		30A		
17319		XA512	77		XA524	70			168	9	SPA112	07	CSE0DA	01	2	TS8	F1		38B		
17320		XA524	70		XA524	73			168	9	SPA112	08	MP204A	01	1	TD4	E1		33A		
17321		XA524	73		XA524	79			168	9	SPA112	09	MP211A	01	1	TD4	F2		36B		
17322		XA524	79		XA525	62			168	9	SPA112	10	MP210A	01	1	TD4	F1		39B		
17323		XA525	62						168	9	SPA112	11	MP217A	01	2	TD4	E2		29A		
17324		XA430	74		XA512	25			168	9	SPA113	01				RR1	G6				
17325		XA512	25		XA512	42			168	9	SPA113	02	MD2520	01	8	TS8	B1		12B		
17326		XA512	42		XA512	56			168	9	SPA113	03	MD2530	01	1	TS8	C1		20A		
17327		XA512	56		XA512	66			168	9	SPA113	04	MD2540	01	1	TS8	D1		26A		
17328		XA512	66		XA512	79			168	9	SPA113	05	MD2480	01	3	TS8	E1		31A		
17329		XA512	79		XA525	68			168	9	SPA113	06	CSE0DA	01	1	TS8	F1		39B		
17330		XA525	68		XA525	71			168	9	SPA113	07	MP216A	01	2	TD4	E1		32A		
17331		XA525	71		XA525	77			168	9	SPA113	08	MP223A	01	2	TD4	F2		36A		
17332		XA525	77		XA526	43			168	9	SPA113	09	MP222A	01	2	TD4	F1		38B		
17333		XA526	43		XA526	61			168	9	SPA113	10	MMAAAA	01	7	TS8	D1		23B		
17334		XA526	61						168	9	SPA113	11	MMAAAA	01	8	TS8	E1		32B		
17335		XA444	73		XA526	48			168	9	SPA114	01				RR1	H2				
17337		XA526	48		XA526	79			168	9	SPA114	03	MMAAAA	01	5	TS8	D1		22A		
17338		XA526	79		XA528	05			168	9	SPA114	04	MC0610	01	1	TS8	F1		39B		
17339		XA528	05		XA528	13			168	9	SPA114	05	MC1030	01	2	TQ2	A2		03B		
17340		XA528	13		XA528	19			168	9	SPA114	06	MC1040	01	2	TQ2	A4		06B		
17341		XA528	19		XA528	20			168	9	SPA114	07	MC1070	01	2	TQ2	B3		09B		
17342		XA528	20		XA528	25			168	9	SPA114	08	MC1060	01	1	TQ2	B2		11A		
17343		XA528	25		XA528	26			168	9	SPA114	09	MC1080	01	2	TQ2	B4		12B		
17344		XA528	26		XA528	31			168	9	SPA114	10	MC1050	01	1	TQ2	B1		14A		
17345		XA528	31		XA512	70			168	9	SPA114	11	MC1110	01	2	TQ2	C3		15B	803	
17336		XA512	70						168	9	SPA114	12	MD2480	01	1	TS8	E1		33A	803	
17346		XA444	66		XA526	49			168	9	SPA115	01				RR1	G4				
17347		XA526	49		XA528	36			168	9	SPA115	02	MMAAAA	01	8	TS8	D1		26B		
17348		XA528	36		XA528	37			168	9	SPA115	03	MC1100	01	1	TQ2	C2		17A		
17349		XA528	37		XA528	42			168	9	SPA115	04	MC1120	01	2	TQ2	C4		18B		
17350		XA528	42		XA528	43			168	9	SPA115	05	MC1090	01	1	TQ2	C1		20A		
17351		XA528	43		XA528	50			168	9	SPA115	06	MMAAAA	01	2	TQ2	O3		23B		
17352		XA528	50		XA528	55			168	9	SPA115	07	MMAAAA	01	1	TQ2	D2		23A		
17353		XA528	55		XA528	56			168	9	SPA115	08	MMAAAA	01	2	TQ2	E3		29B		
17354		XA528	56		XA528	64			168	9	SPA115	09	MC1130	01	1	TQ2	D1		26A		
17355		XA528	64		XA528	74			168	9	SPA115	10	MMAAAA	01	1	TQ2	E2		30A		
17356		XA528	74						168	9	SPA115	11	MC046A	01	2	TQ2	F3		35B		
17357		XA444	72		XA528	78			168	9	SPA116	01				RR1	G5				
17358		XA528	78		XA529	10			168	9	SPA116	02	MK16NA	01	2	TQ2	F4		38A		
17359		XA529	10		XA529	24			168	9	SPA116	03	MMAAAA	01	1	TD4	A1		07A		
17360		XA529	24		XA529	71			168	9	SPA116	04	MC0460	01	2	TD4	B1		13A		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
17361		XA529	71		XA529	79				168	9		SPA116	05	MD2650	01	2	TD4	F2		36A		
17362		XA529	79		XA530	01				168	9		SPA116	06	MC041A	01	1	TD4	F1		39B		
17363		XA530	01		XA530	24				168	9		SPA116	07	MMAQRA	01	6	TS8	A1		02B		
17364		XA530	24		XA530	79				168	9		SPA116	08	MMAELA	01	2	TS8	B1		13A		
17365		XA530	79		XA532	34				168	9		SPA116	09	MMAQTA	01	1	TS8	F1		39B		
17366		XA532	34		XA532	41				168	9		SPA116	10	MK128I	01	1	TDD	F1		16A		
17367		XA532	41							168	9		SPA116	11	MK168Q	01	1	TDD	HQ		22B		
17368		XA444	74		XA530	31				168	9		SPA117	01				RR1	G6				
17370		XA530	31		XA531	01				168	9		SPA117	03	MC054A	01	7	TS8	C1		15B		
17371		XA531	01		XA531	65				168	9		SPA117	04	MMA SPA	01	2	TT3	A2		02B		
17372		XA531	65		XA531	78				168	9		SPA117	05	MC0870	01	3	TT3	F2		34B		
17373		XA531	78		XA532	03				168	9		SPA117	06	MK09NA	01	3	TT3	F3		38A		
17374		XA532	03		XA532	15				168	9		SPA117	07	MK038Q	01	1	TDD	BQ		02A		
17375		XA532	15		XA532	17				168	9		SPA117	08	MK01BQ	01	1	TDD	AQ		07B		
17376		XA532	17		XA532	27				168	9		SPA117	09	MK088Q	01	1	TDD	DQ		08B		
17377		XA532	27		XA532	29				168	9		SPA117	10	MK05BQ	01	1	TDD	CQ		13B		
17378		XA532	29							168	9		SPA117	11	MK128Q	01	1	TDD	FQ		14B		
17379		XA444	75		XA529	74				168	9		SPA118	01				RR1	H3				
17380		XA529	74		XA530	34				168	9		SPA118	02	MD2650	01	4	TD4	F2		35B		
17381		XA530	34		XA532	51				168	9		SPA118	03	MC054A	01	5	TS8	C1		16A		
17382		XA532	51		XA533	03				168	9		SPA118	04	MK148Q	01	1	TDD	GQ		27B		
17383		XA533	03		XA533	15				168	9		SPA118	05	MK028Q	01	1	TDD	BQ		02A		
17384		XA533	15		XA533	17				168	9		SPA118	06	MK008Q	01	1	TDD	AQ		07B		
17385		XA533	17		XA533	27				168	9		SPA118	07	MK098Q	01	1	TDD	DQ		08B		
17386		XA533	27		XA533	29				168	9		SPA118	08	MK048Q	01	1	TDD	CQ		13B		
17387		XA533	29		XA533	38				168	9		SPA118	09	MK138Q	01	1	TDD	FQ		14B		
17388		XA533	38		XA535	49				168	9		SPA118	10	MK118P	01	1	TDD	EP		18A		
17389		XA535	49		XA537	52				168	9		SPA118	11	MD286A	01	2	TQ2	D4		26B		
17390		XA537	52							168	9		SPA118	12	MC062A	01	6	TS8	D1		24A		
17391		XA439	55		XA533	39				168	9		SPA119	01				RR1	F3				
17392		XA533	39		XA534	66				168	9		SPA119	02	MK118Q	01	1	TDD	EQ		19B		
17393		XA534	66		XA534	77				168	9		SPA119	03	MC066A	01	3	TS8	E1		31A		
17394		XA534	77		XA535	07				168	9		SPA119	04	MP406A	01	2	TS8	F1		38B		
17395		XA535	07		XA535	13				168	9		SPA119	05	MC0520	01	2	TQ2	A3		03A		
17396		XA535	13		XA535	17				168	9		SPA119	06	MK0010	01	2	TQ2	A4		06B		
17397		XA535	17		XA535	20				168	9		SPA119	07	MK0310	01	1	TQ2	B3		08B		
17398		XA535	20		XA535	24				168	9		SPA119	08	MK0210	01	1	TQ2	B2		11A		
17399		XA535	24		XA537	13				168	9		SPA119	09	MK0110	01	2	TQ2	B1		13A		
17400		XA537	13		XA537	49				168	9		SPA119	10	MP407A	01	8	TS8	A1		06B		
17401		XA537	49							168	9		SPA119	11	MC062A	01	4	TS8	D1		26B		
17404		XA439	61		XA534	05				168	9		SPA120	01				RR1	G1				
17405		XA534	05		XA534	38				168	9		SPA120	02	MC057A	01	5	TS8	A1		03B		
17406		XA534	38		XA534	68				168	9		SPA120	03	MC059A	01	3	TS8	C1		18A		
17407		XA534	68		XA534	79				168	9		SPA120	04	MC066A	01	2	TS8	E1		32A		
17408		XA534	79		XA535	25				168	9		SPA120	05	MP406A	01	1	TS8	F1		39B		
17409		XA535	25		XA535	42				168	9		SPA120	06	MK0410	01	2	TQ2	B4		12B		
										****		SIGNAL	SPA120		IS ON THE			NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
17410		XA535	42		XA535	50				168	9		SPA120	07	MK0510	01	1	TQ2	C1		20A		
17411		XA535	50		XA535	59				168	9		SPA120	08	MC0750	01	1	TQ2	D2		23A		
17412		XA535	59		XA535	64				168	9		SPA120	09	MB0010	01	1	TQ2	E4		31B		
17413		XA535	64							168	9		SPA120	10	MD2690	01	1	TQ2	E2		30A		
17414		XA444	76		XA534	70				168	9		SPA121	01				RR1	H4				
17415		XA534	70		XA535	73				168	9		SPA121	02	MC066A	01	1	TS8	E1		33A		
17416		XA535	73		XA536	03				168	9		SPA121	03	MP4030	01	1	TQ2	F2		36B		
17417		XA536	03		XA536	05				168	9		SPA121	04	MC0730	01	1	TQ2	A3		02A		
17418		XA536	05		XA536	11				168	9		SPA121	05	HMT0T0	01	2	TQ2	A2		03B		
17419		XA536	11		XA536	24				168	9		SPA121	06	MK10NA	01	1	TQ2	A4		05B		
17420		XA536	24		XA536	35				168	9		SPA121	07	MC088A	01	2	TQ2	B1		13A		
17421		XA536	35		XA536	49				168	9		SPA121	08	MD2640	01	1	TQ2	C4		17B		
17423		XA536	49							168	9		SPA121	10	MP4050	01	2	TQ2	D4		26B		
17425		XA439	56		XA536	53				168	9		SPA122	01				RR1	F4				
17426		XA536	53		XA536	54				168	9		SPA122	02	MD2720	01	1	TQ2	E3		28B		
17427		XA536	54		XA536	61				168	9		SPA122	03	HMMJQ0	01	2	TQ2	D1		25A		
17428		XA536	61		XA536	62				168	9		SPA122	04	MD0150	01	2	TQ2	E4		32B		
17429		XA536	62		XA536	70				168	9		SPA122	05	MD2710	01	2	TQ2	E2		29A		
17430		XA536	70		XA536	73				168	9		SPA122	06	MD2700	01	1	TQ2	E1		33A		
17431		XA536	73		XA536	74				168	9		SPA122	07	MA0060	01	1	TQ2	F2		36B		
17432		XA536	74		XA536	78				168	9		SPA122	08	MA0070	01	2	TQ2	F3		35B		
17433		XA536	78		XA536	79				168	9		SPA122	09	MD2800	01	2	TQ2	F4		38A		
17434		XA536	79		XA537	01				168	9		SPA122	10	MB0020	01	1	TQ2	F1		39B		
17435		XA537	01							168	9		SPA122	11	MP407A	01	6	TS8	A1		02B		
17436		XA439	62		XA511	74				168	9		SPA123	01				RR1	F5				
17437		XA511	74		XA511	78				168	9		SPA123	02		01	2	TQ2	F3		35B		
17438		XA511	78		XA534	75				168	9		SPA123	03		01	2	TQ2	F4		38A		
17439		XA534	75		XA535	05				168	9		SPA123	04	MP406A	01	3	TS8	F1		37B		
17440		XA535	05		XA537	05				168	9		SPA123	05	MC0530	01	2	TQ2	A2		03B		
17441		XA537	05		XA537	36				168	9		SPA123	06	MP407A	01	5	TS8	A1		03B		
17442		XA537	36		XA537	50				168	9		SPA123	07	MC0710	01	4	TS8	C1		17A		
17443		XA537	50		XA537	71				168	9		SPA123	08	MC062A	01	5	TS8	D1		23A		
17444		XA537	71		XA544	53				168	9		SPA123	09	MK06NA	01	5	TS8	F1		36A		
17445		XA544	53		XA544	61				168	9		SPA123	10	GR25W0	01	1	TQ2	E3		28B		
17446		XA544	61		XA544	64				168	9		SPA123	11	GR25V0	01	2	TQ2	E4		32B		
17447		XA544	64		XA549	37				168	9		SPA123	12	GR24V0	01	1	TQ2	E2		30A		
17448		XA549	37							168	9		SPA123	13	CMCPYA	01	3	TT3	C3		18B		
17449		XA439	63		XA537	06				168	9		SPA124	01				RR1	G2				
17450		XA537	06		XA537	38				168	9		SPA124	02	MP407A	01	3	TS8	A1		05A		
17451		XA537	38		XA544	68				168	9		SPA124	03	MC0710	01	3	TS8	C1		18A		
17452		XA544	68		XA544	73				168	9		SPA124	04	GR24W0	01	2	TQ2	E1		32A		
17453		XA544	73		XA544	78				168	9		SPA124	05	GR26V0	01	1	TQ2	F2		36B		
17454		XA544	78		XA544	79				168	9		SPA124	06	GC0240	01	2	TQ2	F4		38A		
17455		XA544	79		XA545	52				168	9		SPA124	07	GR26W0	01	1	TQ2	F1		39B		
17456		XA545	52		XA546	55				168	9		SPA124	08	GC0780	01	3	TT3	D1		24A		
17457		XA546	55		XA546	61				168	9		SPA124	09	GR28W0	01	2	TQ2	E3		29B		
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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												WIRE
17458		XA546	61			XA546	52			168	9			SPA124	10	GR28V0	01	2	TQ2	E4		32B		
17459		XA546	62							168	9			SPA124	11	GR27V0	01	2	TQ2	E2		29A		
17460		XA439	65			XA537	40			168	9			SPA125	01					RR1	G3			
17461		XA537	40			XA546	68			168	9			SPA125	02	MC0710	01	2	TS8	C1		19A		
17462		XA546	68			XA546	73			168	9			SPA125	03	GR27W0	01	2	TQ2	E1		32A		
17463		XA546	73			XA546	78			168	9			SPA125	04	GR29V0	01	1	TQ2	F2		36B		
17464		XA546	78			XA546	79			168	9			SPA125	05	GC0340	01	2	TQ2	F4		38A		
17465		XA546	79			XA548	04			168	9			SPA125	06	GR29W0	01	1	TQ2	F1		39B		
17466		XA548	04			XA548	07			168	9			SPA125	07	GR16V0	01	1	TQ2	A2		04A		
17467		XA548	07			XA548	10			168	9			SPA125	08	GR17W0	01	2	TQ2	A3		03A		
17468		XA548	10			XA548	13			168	9			SPA125	09	GR16W0	01	1	TQ2	A1		07A		
17469		XA548	13			XA548	19			168	9			SPA125	10	GR17V0	01	2	TQ2	A4		06B		
17470		XA548	19							168	9			SPA125	11	GR19W0	01	2	TQ2	B3		09B		
17471		XA439	71			XA548	20			168	9			SPA126	01					RR1	H1			
17472		XA548	20			XA548	25			168	9			SPA126	02	GR18V0	01	1	TQ2	B2		11A		
17473		XA548	25			XA548	26			168	9			SPA126	03	GR19V0	01	2	TQ2	B4		12B		
17474		XA548	26			XA548	31			168	9			SPA126	04	GR18W0	01	1	TQ2	B1		14A		
17475		XA548	31			XA548	36			168	9			SPA126	05	GR21W0	01	2	TQ2	C3		15B		
17476		XA548	36			XA548	37			168	9			SPA126	06	GR20V0	01	1	TQ2	C2		17A		
17477		XA548	37			XA548	42			168	9			SPA126	07	GR21V0	01	2	TQ2	C4		18B		
17478		XA548	42			XA548	43			168	9			SPA126	08	GR20W0	01	1	TQ2	C1		20A		
17479		XA548	43			XA548	49			168	9			SPA126	09	GR23W0	01	2	TQ2	D3		23B		
17480		XA548	49			XA548	50			168	9			SPA126	10	GR23V0	01	2	TQ2	D4		26B		
17481		XA548	50							168	9			SPA126	11	GR22V0	01	1	TQ2	D2		23A		
17482		XA439	64			XA548	53			168	9			SPA127	01					RR1	F6			
17483		XA548	53			XA548	56			168	9			SPA127	02	GR31W0	01	1	TQ2	E3		28B		
17484		XA548	56			XA548	61			168	9			SPA127	03	GR22W0	01	1	TQ2	D1		26A		
17485		XA548	61			XA548	64			168	9			SPA127	04	GR31V0	01	2	TQ2	E4		32B		
17486		XA548	64			XA548	70			168	9			SPA127	05	GR30V0	01	1	TQ2	E2		30A		
17487		XA548	70			XA548	71			168	9			SPA127	06	GR30W0	01	1	TQ2	E1		33A		
17488		XA548	71			XA548	78			168	9			SPA127	07	GC0560	01	2	TQ2	F2		36A		
17489		XA548	78			XA549	03			168	9			SPA127	08	GC0580	01	2	TQ2	F4		38A		
17490		XA549	03			XA549	08			168	9			SPA127	09	GC001A	01	3	TT3	A2		02A		
17491		XA549	08			XA550	20			168	9			SPA127	10	GC003A	01	2	TT3	A1		06A		
17492		XA550	20							168	9			SPA127	11	CMCPZA	01	1	TD4	B2		11A		
17493		XA439	66			XA537	54			168	9			SPA128	01					RR1	G4			
17494		XA537	54			XA537	72			168	9			SPA128	02	MC062A	01	7	TS8	D1		25A		
17495		XA537	72			XA549	13			168	9			SPA128	03	MK06NA	01	6	TS8	F1		34A		
17496		XA549	13			XA549	14			168	9			SPA128	04	GC002A	01	3	TT3	A3		06B		
17497		XA549	14			XA549	21			168	9			SPA128	05	GC0680	01	2	TT3	B2		09A		
17498		XA549	21			XA549	24			168	9			SPA128	06	GC0730	01	1	TT3	B3		10B		
17499		XA549	24			XA549	29			168	9			SPA128	07	GC003A	01	2	TT3	B1		13A		
17500		XA549	29			XA549	53			168	9			SPA128	08	GC0630	01	3	TT3	C2		14B		
17501		XA549	53			XA549	57			168	9			SPA128	09	GC0140	01	3	TT3	E2		28B		
17502		XA549	57			XA549	65			168	9			SPA128	10	GC0350	01	1	TT3	E3		30B		
17503		XA549	65							168	9			SPA128	11	GC0370	01	3	TT3	F2		34B		

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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 ANCHOR	SIGNAL DESCRIPTION	ECO NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT											
17504		XA439	72		XA537	73				168	9		SPA129	J1			RR1	G5					
17505		XA537	73		XA549	59				168	9		SPA129	02	MK06NA	01	4	TS8	F1		368		
17506		XA549	59		XA549	62				168	9		SPA129	03	GC0350	01	2	TT3	E3		318		
17507		XA549	62		XA549	72				168	9		SPA129	04	GC0140	01	1	TT3	E2		29A		
17508		XA549	72		XA549	76				168	9		SPA129	05	GC0370	01	2	TT3	F2		34A		
17509		XA549	76		XA549	77				168	9		SPA129	06	GC0380	01	2	TT3	F3		37A		
17510		XA549	77		XA550	08				168	9		SPA129	07	GC0360	01	2	TT3	F1		388		
17511		XA550	08		XA550	14				168	9		SPA129	08	GC0080	01	2	TD4	A1		06A		
17512		XA550	14		XA551	53				168	9		SPA129	09	CMCPZA	01	3	TD4	B2		09A		
17513		XA551	53							168	9		SPA129	10	CMG1BQ	01	1	TDD	KQ		288		
17516		XA439	73		XA537	74				168	9		SPA130	J1			RR1	H2					
17517		XA537	74		XA549	69				168	9		SPA130	02	MK06NA	01	7	TS8	F1		358		
17518		XA549	69		XA549	79				168	9		SPA130	03	GC0380	01	1	TT3	F3		35A		
17519		XA549	79		XA550	01				168	9		SPA130	04	GC0360	01	1	TT3	F1		398		
17520		XA550	01		XA550	10				168	9		SPA130	05	GC0090	01	3	TD4	A2		028		
17521		XA550	10		XA550	18				168	9		SPA130	06	GC0080	01	1	TD4	A1		07A		
17522		XA550	18		XA551	80				168	9		SPA130	07	CMCPZA	01	2	TD4	B2		10A		
17523		XA551	80							168	9		SPA130	08	CMG2BQ	01	1	TDD	LQ		39A		
17524		XA212	29		XA212	38				168	9		SPA131	01	AKY53A	01	3	TT3	C2		148		
17525		XA212	38		XA439	74				168	9		SPA131	02	AKDM40	01	3	TT3	C1		18A		
17526		XA439	74		XA537	55				168	9		SPA131	03			RR1	G6					
17527		XA537	55		XA537	56				168	9		SPA131	04	MD2860	01	7	TS8	E1		298		
17528		XA537	56		XA549	35				168	9		SPA131	05	MC062A	01	8	TS8	D1		26A		
17529		XA549	35							168	9		SPA131	06	CMCPYA	01	2	TT3	C3		178		
17530		XA135	65		XA137	52				168	9		SPA132	01			RR1	G3					
17531		XA137	52		XA137	63				168	9		SPA132	02	AY278P	01	1	TDD	GP		24A		
17532		XA137	63		XA137	64				168	9		SPA132	03	AY298Q	01	1	TDD	JQ		338		
17533		XA137	64		XA138	29				168	9		SPA132	04	AY308P	01	1	TDD	KP		30A		
17534		XA138	29		XA138	50				168	9		SPA132	05	AY158Q	01	1	TDD	FQ		148		
17535		XA138	50							168	9		SPA132	06	AY178P	01	1	TDD	HP		23A		
17536		XA430	75		XA531	68				168	9		SPA133	01			RR1	H3					
17537		XA531	68		XA534	62				168	9		SPA133	02	MC085A	01	2	TT3	E1		32A		
17538		XA534	62							168	9		SPA133	03	MC066A	01	5	TS8	E1		29A		
17539		XA404	53		XA405	08				168	9		SPA500	01			RR4	F4					
17540		XA405	08		XA405	07				168	9		SPA500	02			01	1	ACF	A3		058	
21183		XA405	07		XA405	19				168	9		SPA500	03			01	1	ACF	A1		03A	
12688		XA405	19							168	9		SPA500	04			01	1	ACF	A2		088	
17557		XA404	55		XA405	05				168	9		SPA501	01			RR4	F3					
17558		XA405	05		XA405	09				168	9		SPA501	02			01	2	ACF	A3		048	
17559		XA405	09		XA405	15				168	9		SPA501	03			01	2	ACF	A1		04A	
09252		XA405	15		XA405	41				168	9		SPA501	04			01	2	ACF	A2		078	
09269		XA405	41							168	9		SPA501	05	MYSN1HX	01	1	ACF	B2		22A		

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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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
17560		XA404	56		XA405	64		168	9				SPA502	01			RR4	F2						
00727		XA405	64		XA405	66		168	9				SPA502	02	MYSN2TX	01	1	ACF	C3		34A			
09290		XA405	66		XA405	68		168	9				SPA502	03		01	1	ACF	B3		34B			
09291		XA405	68		XA405	71		168	9				SPA502	04		01	1	ACF	E3		36A			
09294		XA405	71					168	9				SPA502	05		01	1	ACF	D3		36B			
17566		XA439	75		XA543	53		168	9				SPA503	01			RR1	H3						
17567		XA543	53		XA543	59		168	9				SPA503	02	CMG5P0	01	1	TQ2	E3		28B		B05	
17568		XA543	59		XA543	64		168	9				SPA503	03	CMG5Q0	01	1	TQ2	E4		31B		B05	
17569		XA543	64		XA543	65		168	9				SPA503	04	CMG4Q0	01	1	TQ2	E2		30A		B05	
17570		XA543	65		XA543	70		168	9				SPA503	05	CMG7P0	01	1	TQ2	F3		34B		B05	
17571		XA543	70		XA543	73		168	9				SPA503	06	CMG4P0	01	1	TQ2	E1		33A		B05	
17572		XA543	73		XA543	76		168	9				SPA503	07	CMG6Q0	01	1	TQ2	F2		36B		B05	
17573		XA543	76		XA543	79		168	9				SPA503	08	CMG7Q0	01	1	TQ2	F4		37A		B05	
17574		XA543	79					168	9				SPA503	09	CMG6P0	01	1	TQ2	F1		39B		B05	
20658		XA209	10		XA212	15		168	9				SPIX01	01			RR1	A6						
17650		XA212	15		XA514	70		188	9				SPIX01	02			TT3	A3			07B		E01	
17861		XA514	70		XA535	31		168	9				SPIX01	04		01	1	TT3	E1		33A			
17920		XA535	31					168	9				SPIX01	05		01	2	TQ2	C3		15B			
17584		XA115	69		XA209	30		168	9				SPI001	01		01	1	TT3	F3		35A			
17585		XA209	30		XA212	01		168	9				SPI001	02			RR1	C4						
17586		XA212	01		XA212	06		168	9				SPI001	03			TT3	A2			02B			
17587		XA212	06		XA212	09		168	9				SPI001	04			TT3	A1			05A			
17588		XA212	09		XA212	14		168	9				SPI001	05			TT3	A3			04B			
17589		XA212	14		XA212	22		168	9				SPI001	06			TT3	B2			09A			
17590		XA212	22		XA213	11		168	9				SPI001	07			TT3	B1			12A			
17591		XA213	11					168	9				SPI001	08		01	1	TQ2	A4		05B			
17592		XA130	03		XA130	04		168	9				SPI002	01			TQ2	A3			02A			
17593		XA130	04		XA130	08		168	9				SPI002	02			TQ2	A2			04A			
17594		XA130	08		XA130	11		168	9				SPI002	03			TQ2	A1			06A			
17595		XA130	11		XA130	17		168	9				SPI002	04			TQ2	A4			09B			
17596		XA130	17		XA130	18		168	9				SPI002	05			TQ2	B3			08B			
17597		XA130	18		XA130	23		168	9				SPI002	06			TQ2	B2			10A			
17598		XA130	23		XA130	24		168	9				SPI002	07			TQ2	B4			11B			
17599		XA130	24		XA131	55		168	9				SPI002	08			TQ2	B1			13A			
17600		XA131	55		XA135	36		168	9				SPI002	09		01	4	TQ4	E2		29B			
17601		XA135	36		XA136	13		168	9				SPI002	10			RR1	C6						
17602		XA136	13					168	9				SPI002	11			TQ4	A1			06B			
17603		XA122	48		XA122	61		168	9				SPI003	01			TS8	D1			22A			
17604		XA122	61		XA130	05		168	9				SPI003	02			TS8	E1			32B			
17605		XA130	05		XA130	07		168	9				SPI003	03			TQ2	A2			03B			
17606		XA130	07		XA130	10		168	9				SPI003	04			TQ2	A3			03A			
17607		XA130	10		XA130	13		168	9				SPI003	05			TQ2	A1			07A			
17608		XA130	13		XA130	19		168	9				SPI003	06			TQ2	A4			06B			
								****		SIGNAL	(SPI003)				IS ON THE NEXT PAGE									

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	PREFIX	CONNECTOR	PIN	WIRE NO	PREFIX	CONNECTOR	PIN	WIRE NO	MULTI GROUP	CODE	COLOR	IDENT										
17609		XA130	19		XA130	20				168	9		SP1003	07				TQ2 B3		09B		
17610		XA130	20		XA130	25				168	9		SP1003	08				TQ2 B2		11A		
17611		XA130	25		XA130	26				168	9		SP1003	09				TQ2 B4		12B		
17612		XA130	26		XA135	35				168	9		SP1003	10				TQ2 B1		14A		
17613		XA135	35							168	9		SP1003	11				RR1 D1				
17614		XA122	49		XA122	62				168	9		SP1004	01				TS8 D1		26B		
17615		XA122	62		XA135	37				168	9		SP1004	02				TS8 E1		29A		
17616		XA135	37		XA136	01				168	9		SP1004	03				RR1 D2				
17617		XA136	01		XA136	06				168	9		SP1004	04				TD4 A2		02B		
17618		XA136	06		XA137	65				168	9		SP1004	05				TD4 A1		05A		
17619		XA137	65		XA138	65				168	9		SP1004	06		01 1	TD0 MQ		34B			
17620		XA138	65		XA139	65				168	9		SP1004	07		01 1	TD0 MQ		34B			
17621		XA139	65		XA140	23				168	9		SP1004	08		01 1	TD0 MQ		34B			
17622		XA140	23							168	9		SP1004	09		01 1	TQ2 B4		11B			
17623		XA122	43		XA122	55				168	9		SP1005	01				TS8 D1		23B		
17624		XA122	55		XA122	71				168	9		SP1005	02				TS8 E1		29B		
17625		XA122	71		XA124	52				168	9		SP1005	03				YS8 F1		36A		
17626		XA124	52		XA131	60				168	9		SP1005	04		01 3	TT3 D1		24A			
17627		XA131	60		XA135	39				168	9		SP1005	05		01 3	TD4 E2		28A			
17628		XA135	39		XA136	04				168	9		SP1005	06				RR1 D3				
17629		XA136	04		XA136	08				168	9		SP1005	07				TD4 A2		04A		
17630		XA136	08		XA137	71				168	9		SP1005	08				TD4 A1		06A		
17631		XA137	71		XA138	71				168	9		SP1005	09		01 1	TD0 MI		36A			
17632		XA138	71		XA139	71				168	9		SP1005	10		01 1	TD0 MI		36A			
17633		XA139	71							168	9		SP1005	11		01 1	TD0 MI		36A			
17634		XA111	55		XA111	61				168	9		SP1006	01		01 4	TD4 E2		29B			
17635		XA111	61		XA111	77				168	9		SP1006	02		01 4	TD4 E1		32B			
17636		XA111	77		XA113	40				168	9		SP1006	03		01 3	TD4 F1		38B			
17637		XA113	40		XA122	46				168	9		SP1006	04		01 2	TQ2 C1		19A			
17638		XA122	46		XA122	60				168	9		SP1006	05				TS8 D1		21A		
17639		XA122	60		XA122	72				168	9		SP1006	06				TS8 E1		28A		
17640		XA122	72		XA135	40				168	9		SP1006	07				TS8 F1		34A		
17641		XA135	40		XA136	05				168	9		SP1006	08				RR1 D4				
17642		XA136	05		XA136	10				168	9		SP1006	09				TD4 A2		03B		
17643		XA136	10							168	9		SP1006	10				TD4 A1		07A		
17644		XA209	52		XA210	71				168	9		SP1007	01				RR1 E5				
17645		XA210	71		XA212	03				168	9		SP1007	02				TD0 MI		36A		
17647		XA212	03		XA212	08				168	9		SP1007	04				TT3 A2		02A		
17648		XA212	08		XA212	11				168	9		SP1007	05				TT3 A1		06A		
17649		XA212	11		XA212	17				168	9		SP1007	06				TT3 A3		09B		
17651		XA212	17		XA212	21				168	9		SP1007	08				TT3 B2		08B		
17652		XA212	21		XA212	24				168	9		SP1007	09				TT3 B3		10B		
17653		XA212	24							168	9		SP1007	10				TT3 B1		13A		
17654		XA111	66		XA111	75				168	9		SP1008	01		01 3	TD4 E1		31A			
17655		XA111	75		XA113	42				168	9		SP1008	02		01 4	TD4 F1		37B			
										****	SIGNAL	SP1008									IS ON THE NEXT PAGE ****	



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TM 11-5895-856-34-5/EE640-CA-MMI-050/E154 CPU/TO 31W2-2T-122-5

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR											
17703		XA209	38		XA210	75		168	9			SPI013	01			RR1	C5					
17705		XA210	75		XA212	18		168	9			SPI013	03			TDD	LP			37B		
17706		XA212	18		XA212	23		168	9			SPI013	04			TT3	B2			10A		
17707		XA212	23		XA212	26		168	9			SPI013	05			TT3	B3			11B		
17708		XA212	26		XA213	13		168	9			SPI013	06			TT3	B1			14A		
17709		XA213	13		XA238	73		168	9			SPI013	07	01	2	TQ2	A4			06B	C06	
17711		XA238	73					168	9			SPI013	09	01	1	TDD	MP			36B		
17712		XA209	36		XA210	73		168	9			SPI014	01			RR1	C6					
17713		XA210	73		XA210	77		168	9			SPI014	02			TDD	MP			36B		
17714		XA210	77		XA212	25		168	9			SPI014	03			TDD	LI			38B		
17715		XA212	25		XA223	74		168	9			SPI014	04			TT3	B3			12B	C06	
17717		XA223	74		XA223	78		168	9			SPI014	06	01	2	TQ2	F3			35B		
17718		XA223	78		XA224	78		168	9			SPI014	07	01	2	TQ2	F4			38A		
17719		XA224	78					168	9			SPI014	08	01	2	TQ2	F4			38A		
17720		XA210	65		XA210	80		168	9			SPI015	01			TDD	MQ			34B		
17721		XA210	80		XA212	05		168	9			SPI015	02			TDD	LQ			39A		
17722		XA212	05		XA212	10		168	9			SPI015	03			TT3	A2			03B		
17723		XA212	10		XA212	13		168	9			SPI015	04			TT3	A1			07A		
17724		XA212	13		XA229	76		168	9			SPI015	05			TT3	A3			06B		
17725		XA229	76		XA231	14		168	9			SPI015	06	01	1	TQ2	F4			37A		
17726		XA231	14		XA234	29		168	9			SPI015	07	01	2	TT3	B2			09A		
17727		XA234	29		XA235	30		168	9			SPI015	08			RR1	C3					
17728		XA235	30		XA236	65		168	9			SPI015	09	01	3	TD4	C2			15A		
17729		XA236	65		XA237	65		168	9			SPI015	10	01	1	TDD	MQ			34B		
17730		XA237	65					168	9			SPI015	11	01	1	TDD	MQ			34B		
17731		XA122	79		XA229	78		168	9			SPI016	01			TS8	F1			39B		
17733		XA229	78		XA231	17		168	9			SPI016	03	01	2	TQ2	F4			38A		
17734		XA231	17		XA234	30		168	9			SPI016	04	01	3	TT3	B2			08B		
17735		XA234	30		XA235	31		168	9			SPI016	05			RR1	C4					
17736		XA235	31		XA236	71		168	9			SPI016	06	01	4	TD4	C2			15B		
17737		XA236	71		XA237	71		168	9			SPI016	07	01	1	TDD	MI			36A		
17738		XA237	71		XA238	65		168	9			SPI016	08	01	1	TDD	MI			36A		
17739		XA238	65		XA243	29		168	9			SPI016	09	01	1	TDD	MQ			34B		
17740		XA243	29					168	9			SPI016	10	01	1	TQ2	C3			14B		
17741		XA231	18		XA234	38		168	9			SPI017	01	01	1	TT3	B2			10A		
17742		XA234	38		XA235	34		168	9			SPI017	02			RR1	C5					
17743		XA235	34		XA236	72		168	9			SPI017	03	01	2	TD4	C2			16A		
17744		XA236	72		XA237	72		168	9			SPI017	04	01	1	TDD	MN			34A		
17745		XA237	72		XA238	71		168	9			SPI017	05	01	1	TDD	MN			34A		
17746		XA238	71		XA243	31		168	9			SPI017	06	01	1	TDD	MI			36A		
17747		XA243	31					168	9			SPI017	07	01	2	TQ2	C3			15B		
17748		XA234	36		XA235	36		168	9			SPI018	01			RR1	C6					
17749		XA235	36		XA236	73		168	9			SPI018	02	01	1	TD4	C2			17A		
17750		XA236	73		XA237	73		168	9			SPI018	03	01	1	TDD	MP			36B		
17751		XA237	73		XA238	72		168	9			SPI018	04	01	1	TDD	MP			36B		
								****		SIGNAL	(SPI018)					IS ON THE	NEXT PAGE	****				



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SPI018

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SFD NO	EQUATION	TERM	FACTOR	CMT OR CHIP TYPE	SDFP	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 LABEL
17752		XA238	72							168	9			SPI018	05		01	1	T0D	MN	34A			
17753		XA310	30		XA313	17				168	9			SPI020	01				RR1	C4				
17754		XA313	17		XA315	35				168	9			SPI020	02		01	1	TQ2	B3	08B			
17757		XA315	35		XA315	36				168	9			SPI020	05		01	1	TLD	C4	17B			
17758		XA315	36		XA316	29				168	9			SPI020	06	KBAY1D	01	1	TLD	C2	17A			
17759		XA316	29		XA316	35				168	9			SPI020	07		01	1	TLD	C3	14B			
17760		XA316	35		XA316	36				168	9			SPI020	08		01	1	TLD	C4	17B			
17761		XA316	36							168	9			SPI020	09		01	1	TLD	C2	17A			
17762		XA310	38		XA313	19				168	9			SPI021	01				RR1	C5				
17763		XA313	19		XA315	25				168	9			SPI021	02		01	2	TQ2	B3	09B			
17764		XA315	25		XA315	34				168	9			SPI021	03	TPWF2A	01	2	TQ2	B4	12B			
17766		XA315	34		XA315	37				168	9			SPI021	05	KBAY1D	01	2	TLD	C2	16A			
17767		XA315	37		XA316	31				168	9			SPI021	06		01	2	TLD	C4	18B			
17768		XA316	31		XA316	34				168	9			SPI021	07		01	2	TLD	C3	15B			
17769		XA316	34		XA316	37				168	9			SPI021	08		01	2	TLD	C2	16A			
17770		XA316	37							168	9			SPI021	09		01	2	TLD	C4	18B			
17771		XA412	55		XA412	61				168	9			SPI022	01	M8003A	01	4	T04	E2	29B		E03	
17772		XA412	61		XA413	61				168	9			SPI022	02	CMMOQ0	01	4	T04	E1	32B		E03	
17775		XA413	61		XA413	75				168	9			SPI022	05				T04	E1	32B			
17776		XA413	75		XA419	11				168	9			SPI022	06				T04	F1	37B			
17760		XA419	11		XA430	77				168	9			SPI022	10		01	1	TQ2	A4	05B			
17781		XA430	77							168	9			SPI022	11				RR1	H5				
17783		XA412	66		XA413	66				168	9			SPI023	02	CMMOQ0	01	3	T04	E1	31A		E03	
17786		XA413	66		XA413	77				168	9			SPI023	05				T04	E1	31A			
17787		XA413	77		XA419	10				168	9			SPI023	06				T04	F1	38B			
17790		XA419	10		XA419	13				168	9			SPI023	09	MD2870	01	1	TQ2	A1	07A			
17791		XA419	13		XA430	78				168	9			SPI023	10		01	2	TQ2	A4	06B			
17792		XA430	78							168	9			SPI023	11				RR1	H6				
17793		XA310	36		XA410	48				168	9			SPI024	01				RR1	C6				
17794		XA410	48		XA410	54				168	9			SPI024	02		01	1	TQ2	O2	22A			
17795		XA410	54		XA412	68				168	9			SPI024	03		01	1	TQ2	O1	25A		E03	
17797		XA412	68		XA412	71				168	9			SPI024	05	CMMOQ0	01	2	T04	E1	32A		E03	
17798		XA412	71		XA413	68				168	9			SPI024	06		01	2	T04	F2	36A			
17801		XA413	68		XA413	71				168	9			SPI024	09				T04	E1	32A			
17802		XA413	71		XA413	78				168	9			SPI024	10				T04	F2	36A			
17803		XA413	78							168	9			SPI024	11				T04	F1	38A			
17804		XA310	35		XA410	50				168	9			SPI025	01				RR1	D1				
17806		XA410	50		XA410	56				168	9			SPI025	03		01	2	TQ2	O2	23A			
17807		XA410	56		XA412	72				168	9			SPI025	04		01	2	TQ2	O1	26A		E03	
17810		XA412	72		XA413	72				168	9			SPI025	07		01	3	T04	F2	34A			
17813		XA413	72		XA413	79				168	9			SPI025	10				T04	F2	34A			
17814		XA413	79							168	9			SPI025	11				T04	F1	39B			
17815		XA310	37		XA410	35				168	9			SPI026	01				RR1	D2				
										****	SIGNAL	(SPI026)			IS ON THE	NEXT PAGE	****							

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SPI026

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RECORD NUMBER	FROM				TO				WIRE			SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT OR CHIP TYPE	DOW	LOAD OF POWER PLANE	TEST POINTS (AND DR)	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL-DR											
17816		XA410	35		XA410	53			168	9			SPI026	02		01	1	TQ2	C4	17B		
17819		XA410	53		XA410	62			168	9			SPI026	05		01	1	TQ2	E3	28B		E03
17821		XA410	62		XA412	73			168	9			SPI026	07		01	1	TQ2	E2	29A		
17822		XA412	73		XA413	70			168	9			SPI026	08		01	1	TD4	F2	36B		
17823		XA413	70		XA412	77			168	9			SPI026	09				TD4	E1	33A		
17784		XA412	77						168	9			SPI026	10		01	2	TD4	F1	38B	LD=LOWER CPU	B03
17824		XA310	39		XA410	37			168	9			SPI027	01				RR1	D3			
17832		XA410	37		XA410	55			168	9			SPI027	02		01	2	TQ2	C4	18B		
17826		XA410	55		XA410	61			168	9			SPI027	03		01	2	TQ2	E3	29B		
17827		XA410	61		XA410	64			168	9			SPI027	04	MB0030	01	2	TQ2	E4	32B		E03
17828		XA410	64		XA412	74			168	9			SPI027	05		01	2	TQ2	E2	30A		C02
17830		XA412	74		XA413	74			168	9			SPI027	07		01	4	TD4	F2	35B		
17831		XA413	74						168	9			SPI027	08				TD4	F2	35B		
17833		XA433	53		XA433	59			168	9			SPI028	02		01	1	TQ2	E3	28B		
17834		XA433	59		XA444	77			168	9			SPI028	03		01	1	TQ2	E4	31B		
17835		XA444	77						168	9			SPI028	04				RR1	H5			
17836		XA413	73		XA433	55			168	9			SPI029	01				TD4	F2	36B		
17837		XA433	55		XA433	61			168	9			SPI029	02		01	2	TQ2	E3	29B		
17838		XA433	61		XA444	78			168	9			SPI029	03		01	2	TQ2	E4	32B		
17839		XA444	78		XA532	72			168	9			SPI029	04				RR1	H6			
17840		XA532	72		XA533	62			168	9			SPI029	05		01	1	TDD	MN	34A		
17841		XA533	62		XA533	68			168	9			SPI029	06				TDD	KI	29A		
17842		XA533	68		XA533	71			168	9			SPI029	07				TDD	JI	32A		
17843		XA533	71		XA533	75			168	9			SPI029	08				TDD	MI	36A		
17844		XA533	75						168	9			SPI029	09				TDD	LP	37B		
17851		XA430	62		XA514	53			168	9			SPI030	01				RR1	F5			
17852		XA514	53		XA514	66			168	9			SPI030	02		01	3	TT3	E2	28B		
17853		XA514	66		XA528	03			168	9			SPI030	03		01	3	TT3	E1	31A		
17856		XA528	03		XA528	70			168	9			SPI030	06		01	1	TQ2	A3	02A		
17857		XA528	70		XA532	42			168	9			SPI030	07	MMALL0	01	1	TQ2	E1	33A		
15012		XA532	42						168	9			SPI030	08	MK10BN	01	1	TDD	EN	20A		
17858		XA430	63		XA514	60			168	9			SPI031	01				RR1	G2			
17859		XA514	60		XA514	68			168	9			SPI031	02		01	2	TT3	E2	28A		
17860		XA514	68		XA528	07			168	9			SPI031	03		01	2	TT3	E1	32A		
17863		XA528	07		XA534	60			168	9			SPI031	06		01	2	TQ2	A3	03A		
17864		XA534	60		XA536	47			168	9			SPI031	07	MC066A	01	6	TS8	E1	28A		
14759		XA536	47						168	9			SPI031	08	MP4050	01	1	TQ2	D4	25B		
17865		XA430	64		XA514	62			168	9			SPI032	01				RR1	F6			
17866		XA514	62		XA532	62			168	9			SPI032	02		01	1	TT3	E2	29A		
17867		XA532	62		XA532	68			168	9			SPI032	03				TDD	KI	29A		
17868		XA532	68		XA551	34			168	9			SPI032	04				TDD	JI	32A		
17869		XA551	34		XA551	38			168	9			SPI032	05		01	1	TDD	FI	16A		
17870		XA551	38		XA551	48			168	9			SPI032	06		01	1	TDD	EP	18A		
17871		XA551	48		XA551	54			168	9			SPI032	07		01	1	TDD	HI	22A		
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SPI032

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RECORD NUMBER	FROM				TO				WIRE				SIGNAL	SEQ NO	EQUATION	TERM	FACTOR	CKT ON CHIP TYPE	GROUP	LOAD OR POWER PLANE	TEST POINTS AND/OR	SIGNAL DESCRIPTION	ECO NO	
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
17872		XA551	54						168	9			SPI032	08				TDD	GI		25A			
17873		XA444	61		XA532	60			168	9			SPI033	01				RR1	GI					
17874		XA532	60		XA532	70			168	9			SPI033	02				TDD	KN		28A			
17875		XA532	70		XA533	60			168	9			SPI033	03				TDD	JN		33A			
17876		XA533	60		XA533	70			168	9			SPI033	04				TDD	KN		28A			
17877		XA533	70		XA533	79			168	9			SPI033	05				TDD	JN		33A			
17878		XA533	79		XA551	40			168	9			SPI033	06				TDD	LN		39B			
17879		XA551	40		XA551	46			168	9			SPI033	07		01	1	TDD	EI		19A			
17880		XA551	46		XA551	56			168	9			SPI033	08		01	1	TDD	HN		21A			
17881		XA551	56						168	9			SPI033	09				TDD	GN		26A			
17882		XA444	63		XA532	64			168	9			SPI034	01				RR1	G2					
17883		XA532	64		XA532	66			168	9			SPI034	02				TDD	KP		30A			
17884		XA532	66		XA533	50			168	9			SPI034	03				TDD	JP		31A			
17885		XA533	50		XA533	64			168	9			SPI034	04	MK06BP	01	1	TDD	HP		23A			
17886		XA533	64		XA533	66			168	9			SPI034	05				TDD	KP		30A			
17887		XA533	66		XA551	42			168	9			SPI034	06				TDD	JP		31A			
17888		XA551	42		XA551	50			168	9			SPI034	07		01	1	TDD	EN		20A			
17889		XA551	50		XA551	52			168	9			SPI034	08		01	1	TDD	HP		23A			
17890		XA551	52						168	9			SPI034	09		01	1	TDD	GP		24A			
17891		XA444	56		XA532	63			168	9			SPI035	01				RR1	F4					
17892		XA532	63		XA533	51			168	9			SPI035	02				TDD	JQ		33B			
17893		XA533	51		XA533	63			168	9			SPI035	03	MK15BQ	01	1	TDD	GQ		27B			
17894		XA533	63		XA533	72			168	9			SPI035	04				TDD	JQ		33B			
17895		XA533	72		XA551	30			168	9			SPI035	05				TDD	MN		34A			
17897		XA551	30						168	9			SPI035	07		01	1	TDD	FN		15A			
17899		XA444	62		XA528	49			168	9			SPI036	01				RR1	F5					
17900		XA528	49		XA533	65			168	9			SPI036	02	MMAPAO	01	2	TQ2	D4		26B			
17901		XA533	65		XA533	80			168	9			SPI036	03				TDD	MQ		34B			
17902		XA533	80		XA551	36			168	9			SPI036	04				TDD	LQ		39A			
17903		XA551	36		XA551	41			168	9			SPI036	05		01	1	TDD	FP		17A			
17904		XA551	41		XA551	51			168	9			SPI036	06		01	1	TDD	HQ		22B			
17905		XA551	51						168	9			SPI036	07		01	1	TDD	GQ		27B			
17906		XA444	64		XA528	61			168	9			SPI037	01				RR1	F6					
17907		XA528	61		XA532	18			168	9			SPI037	02	MMAELO	01	2	TQ2	E4		32B			
17908		XA532	18		XA532	40			168	9			SPI037	03	MK08BI	01	1	TDD	DI		10A			
17909		XA532	40		XA532	65			168	9			SPI037	04	MK10BI	01	1	TDD	EI		19A			
17910		XA532	65		XA533	41			168	9			SPI037	05		01	1	TDD	MQ		34B			
17911		XA533	41		XA533	73			168	9			SPI037	06	MK06BQ	01	1	TDD	HQ		22B			
17912		XA533	73		XA551	29			168	9			SPI037	07				TDD	MP		36B			
17913		XA551	29						168	9			SPI037	08		01	1	TDD	FQ		14B			
17914		XA444	65		XA532	48			168	9			SPI038	01				RR1	G3					
17915		XA532	48		XA532	71			168	9			SPI038	02	MK16BI	01	1	TDD	H1		22A			
17916		XA532	71		XA535	29			168	9			SPI038	03		01	1	TDD	M1		36A			
17917		XA535	29		XA535	37			168	9			SPI038	04		01	1	TQ2	C3		14B			
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SPI038

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR												IDENT
17918		XA535	37			XA536	29			168	9		SPI038	05		01	2	TQ2	C4	18B			
17919		XA536	29			XA551	39			168	9		SPI038	06		01	1	TQ2	C3	14B			
17898		XA551	39							168	9		SPI038	07		01	1	TDD	EQ	19B			
17921		XA444	71			XA526	55			168	9		SPI039	00				RR1	H1			C06	
13621		XA526	55			XA528	68			168	9		SPI039	001	MMALLA	01	7	TS8	E1	29B		C06	
15054		XA528	68			XA532	73			168	9		SPI039	002		01	2	TQ2	E1	32A		C06	
17922		XA532	73			XA535	35			168	9		SPI039	02		01	1	TDD	MP	36B			
17923		XA535	35			XA536	31			168	9		SPI039	03		01	1	TQ2	C4	17B			
17924		XA536	31			XA533	77			168	9		SPI039	04		01	2	TQ2	C3	15B			
17896		XA533	77							168	9		SPI039	05				TDD	LI	38B			
17233		XA504	51			XA507	04			168	9		SPI040	01				RR4	F5				
09948		XA507	04			XA507	08			168	9		SPI040	02		01	1	DCF	A8	04A			
17243		XA507	08			XA507	38			168	9		SPI040	03		01	1	DCF	A6	06A			
09962		XA507	38			XA507	49			168	9		SPI040	035		01	1	DCF	B6	14A			
09971		XA507	49			XA507	50			168	9		SPI040	04		01	1	DCF	C2	27B			
09972		XA507	50			XA507	51			168	9		SPI040	05		01	1	DCF	C8	28A			
09973		XA507	51			XA507	54			168	9		SPI040	06		01	1	DCF	C4	28B			
09975		XA507	54			XA507	72			168	9		SPI040	08		01	1	DCF	C6	30A			
09989		XA507	72			XA508	59			168	9		SPI040	085		01	1	DCF	D1	36A			
10025		XA508	59			XA508	65			168	9		SPI040	09		01	1	TQ2	E4	31B			
10030		XA508	65			XA508	70			168	9		SPI040	10		01	1	TQ2	F3	34B			
10034		XA508	70			XA508	73			168	9		SPI040	11	MYGNDA	01	1	TQ2	E1	33A			
10037		XA508	73			XA508	76			168	9		SPI040	12		01	1	TQ2	F2	36B			
10039		XA508	76			XA508	79			168	9		SPI040	13		01	1	TQ2	F4	37A			
10041		XA508	79							168	9		SPI040	14		01	1	TQ2	F1	39B			
20571		XA504	61			XA508	55			168	9		SPI041	01				RR4	G5			803	
10023		XA508	55			XA508	61			168	9		SPI041	02	MPARTA	01	2	TQ2	E3	29B			
10027		XA508	61			XA508	62			168	9		SPI041	03		01	2	TQ2	E4	32B			
10028		XA508	62			XA508	68			168	9		SPI041	04	MACPTA	01	2	TQ2	E2	29A			
10032		XA508	68			XA508	71			168	9		SPI041	05	MYGNDA	01	2	TQ2	E1	32A			
10035		XA508	71			XA508	74			168	9		SPI041	06		01	2	TQ2	F2	36A			
10038		XA508	74			XA508	77			168	9		SPI041	07		01	2	TQ2	F3	35B			
10040		XA508	77			XA508	78			168	9		SPI041	08		01	2	TQ2	F1	38B			
00238		XA508	78			XA507	74			168	9		SPI041	09		01	2	TQ2	F4	38A			
09991		XA507	74			XA507	73			168	9		SPI041	10		01	1	DCF	D6	37A			
09990		XA507	73			XA507	71			168	9		SPI041	11		01	1	DCF	D4	35B			
09988		XA507	71			XA507	70			168	9		SPI041	13		01	1	DCF	D2	34B			
09987		XA507	70			XA507	52			168	9		SPI041	14		01	1	DCF	D8	35A			
15882		XA507	52							168	9		SPI041	15		01	1	DCF	C1	29A			
12737		XA404	51			XA408	53			168	9		SPI042	01				RR4	F5			803	
09421		XA408	53			XA408	59			168	9		SPI042	02		00	1	TQ2	E3	28B			
09425		XA408	59			XA408	65			168	9		SPI042	03		01	1	TQ2	E4	31B			
09430		XA408	65			XA408	70			168	9		SPI042	04		01	1	TQ2	F3	34B			
09434		XA408	70			XA408	73			168	9		SPI042	05	MYSTBA	01	1	TQ2	E1	33A			
09437		XA408	73			XA408	76			168	9		SPI042	06		01	1	TQ2	F2	36B			
09439		XA408	76			XA408	79			168	9		SPI042	07		01	1	TQ2	F4	37A			
												****	SIGNAL	(SPI042)	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 OP	SIGNAL DESCRIPTION	ECO NO		
	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT												SPEC INST MISC	
09441		XA408	79							16B	9			SPI042	08		01	1	TQ2	F1		39B			
09423		XA408	55		XA408	61				16B	9			SPI043	01		01	2	TQ2	E3		29B			
09427		XA408	61		XA408	68				16B	9			SPI043	02		01	2	Q2	E4		32B			
09432		XA408	68		XA408	71				16B	9			SPI043	03	MYSTBA	01	2	TQ2	E1		32A			
09435		XA408	71		XA408	74				16B	9			SPI043	04		01	2	TQ2	F2		36A			
09438		XA408	74		XA408	77				16B	9			SPI043	05		01	2	TQ2	F3		35B			
09440		XA408	77		XA408	78				16B	9			SPI043	06		01	2	TQ2	F1		38B			
00169		XA408	78		XA404	78				16B	9			SPI043	07		01	2	TQ2	F4		38A			
20563		XA404	78							16B	9			SPI043	08				RR4	H1					
17925		XA130	35		XA135	63				16B	9			SPI050	01		01	1	TQ2	C4		17B			
17926		XA135	63							16B	9			SPI050	02				RR1	G2					
17927		XA130	37		XA135	66				16B	9			SPI051	01		01	2	TQ2	C4		18B			
17928		XA135	66							16B	9			SPI051	02				RR1	G4					
20708		XA430	56		XA532	53				16B	9			SPI052	01				RR1	F4					
20709		XA532	53							16B	9			SPI052	02				TDD	KQ		28B			
20710		XA430	55		XA533	53				16B	9			SPI053	01				RR1	F3					
20711		XA533	53							16B	9			SPI053	02				TDD	KQ		28B			
20692		XA310	09		XA315	39				16B	9			SP0002	01				RR1	A5					
20693		XA315	39							16B	9			SP0002	02		00	1	TLD	C4		19B			
20694		XA310	10		XA316	30				16B	9			SP0003	01				RR1	A6					
20695		XA316	30							16B	9			SP0003	02		00	1	TLD	C2		15A			
20696		XA310	17		XA316	33				16B	9			SP0004	01				RR1	B1					
20697		XA316	33							16B	9			SP0004	02		00	1	TLD	C3		16B			
20698		XA310	18		XA316	39				16B	9			SP0005	01				RR1	B2					
20699		XA316	39							16B	9			SP0005	02		00	1	TLD	C4		19B			
20716		XA315	78		XA312	80				16B	9			TB00C0	01	DT00AD	01	2	TLD	F4		38A			
20717		XA312	80							16B	9			TB00C0	02	TB00C0	00	1	TQ2	F4		39A		IOU DATA IN - 00	
20721		XA316	51									J	YB00TD	04	YB00TD	00	1	TLD	D4		27B		JDB0084 BUSS		
20724		XA315	74		XA312	69				16B	9			TB01C0	01	DT01AD	01	2	TLD	F3		35B			
20725		XA312	69							16B	9			TB01C0	02	TB01C0	00	1	TQ2	F3		35A		IOU DATA IN - 01	
20729		XA316	45									J	TB01TD	04	TB01TD	00	1	TLD	D3		24B		JDB0184 BUSS		
20732		XA315	71		XA312	72				16B	9			TB02C0	01	DT02AD	01	2	TLD	F2		36A			
20733		XA312	72							16B	9			TB02C0	02	TB02C0	00	1	TQ2	F2		34A		IOU DATA IN - 02	
20737		XA316	46									J	TB02TD	04	TB02TD	00	1	TLD	D2		21A		JDB0284 BUSS		
														****	SIGNAL	TB03C0									IS ON THE NEXT PAGE ****

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR													IDENT
20740		XA315	77			XA312	75			16B	9		TB03C0	01	DT03AD	01	2	TLD	F1		38B			
20741		XA312	75							16B	9		TB03C0	02	TB03C0	00	1	TQ2	F1		37B	IOU DATA IN - 03		
20745		XA316	52									J	TB03TD	04	TB03TD	00	1	TLD	D1		24A	JDB03B4 BUSS		
20748		XA315	59			XA312	63			16B	9		TB04C0	01	DT04AD	01	1	TLD	E4		31B			
20749		XA312	63							16B	9		TB04C0	02	TB04C0	00	1	TQ2	E4		33B	IOU DATA IN - 04		
20753		XA315	51									J	TB04TD	04	TB04TD	00	1	TLD	D4		27B	JDB04B4 BUSS		
20756		XA315	55			XA312	57			16B	9		TB05C0	01	DT05AD	01	2	TLD	E3		29B			
20757		XA312	57							16B	9		TB05C0	02	TB05C0	00	1	TQ2	E3		30B	IOU DATA IN - 05		
20761		XA315	45									J	TB05TD	04	TB05TD	00	1	TLD	D3		24B	JDB05B4 BUSS		
20764		XA315	62			XA312	60			16B	9		TB06C0	01	DT06AD	01	2	TLD	E2		29A			
20765		XA312	60							16B	9		TB06C0	02	TB06C0	00	1	TQ2	E2		28A	IOU DATA IN - 06		
20769		XA315	46									J	TB06TD	04	TB06TD	00	1	TLD	D2		21A	JDB06B4 BUSS		
20772		XA315	70			XA312	66			16B	9		TB07C0	01	DT07AD	01	1	TLD	E1		33A			
20773		XA312	66							16B	9		TB07C0	02	TB07C0	00	1	TQ2	E1		31A	IOU DATA IN - 07		
20777		XA315	52									J	TB07TD	04	TB07TD	00	1	TLD	D1		24A	JDB07B4 BUSS		
20780		XA325	76			XA312	51			16B	9		TB08C0	01	DT08AD	01	1	TLD	F4		37A			
20781		XA312	51							16B	9		TB08C0	02	TB08C0	00	1	TQ2	D4		27B	IOU DATA IN - 08		
20785		XA314	80									J	TB08TD	04	TB08TD	00	1	TLD	F4		39A	JDB08B4 BUSS		
20788		XA325	65			XA312	45			16B	9		TB09C0	01	DT09AD	01	1	TLD	F3		34B			
20789		XA312	45							16B	9		TB09C0	02	TB09C0	00	1	TQ2	D3		24B	IOU DATA IN - 09		
20793		XA314	69									J	TB09TD	04	TB09TD	00	1	TLD	F3		35A	JDB09B4 BUSS		
20796		XA325	71			XA312	46			16B	9		TB10C0	01	DT10AD	01	2	TLD	F2		36A			
20797		XA312	46							16B	9		TB10C0	02	TB10C0	00	1	TQ2	D2		21A	IOU DATA IN - 10		
20801		XA314	72									J	TB10TD	04	TB10TD	00	1	TLD	F2		34A	JDB10B4 BUSS		
20804		XA325	79			XA312	52			16B	9		TB11C0	01	DT11AD	01	1	TLD	F1		39B			
20805		XA312	52							16B	9		TB11C0	02	TB11C0	00	1	TQ2	D1		24A	IOU DATA IN - 11		
20809		XA314	75									J	TB11TD	04	TB11TD	00	1	TLD	F1		37B	JDB11B4 BUSS		
20812		XA325	59			XA312	39			16B	9		TB12C0	01	DT12AD	01	1	TLD	E4		31B			
20813		XA312	39							16B	9		TB12C0	02	TB12C0	00	1	TQ2	C4		19B	IOU DATA IN - 12		
20817		XA314	63									J	TB12TD	04	TB12TD	00	1	TLD	E4		33B	JDB12B4 BUSS		
										****			SIGNAL	TB13C0								IS ON THE	NEXT PAGE	****

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	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT												
20820		XA325	53			XA312	33			168	9		TB13C0	01	DT13AD	01	1	TLD	E3		28B			
20821		XA312	33							168	9		TB13C0	02	TB13C0	00	1	TQ2	C3		16B		IOU DATA IN - 13	
20825		XA314	57									J	TB13TD	04	TB13TD	00	1	TLD	E3		30B		JDB13B4 BUSS	
20828		XA325	62			XA312	30			168	9		TB14C0	01	DT14AD	01	2	TLD	E2		29A			
20829		XA312	30							168	9		TB14C0	02	TB14C0	00	1	TQ2	C2		15A		IOU DATA IN - 14	
20833		XA314	60									J	TB14TD	04	TB14TD	00	1	TLD	E2		28A		JDB14B4 BUSS	
20836		XA325	68			XA312	38			168	9		TB15C0	01	DT15AD	01	2	TLD	E1		32A			
20837		XA312	38							168	9		TB15C0	02	TB15C0	00	1	TQ2	C1		18A		IOU DATA IN - 15	
20841		XA314	66									J	TB15TD	04	TB15TD	00	1	TLD	E1		31A		JDB15B4 BUSS	
20844		XA321	49			XA313	80			168	9		TB16C0	01	DT16AD	01	2	TLD	D4		26B			
20845		XA313	80							168	9		TB16C0	02	TB16C0	00	1	TQ2	F4		39A		IOU DATA IN - 16	
20849		XA314	51									J	TB16TD	04	TB16TD	00	1	TLD	D4		27B		JDB16B4 BUSS	
20852		XA321	43			XA313	69			168	9		TB17C0	01	DT17AD	01	2	TLD	D3		23B			
20853		XA313	69							168	9		TB17C0	02	TB17C0	00	1	TQ2	F3		35A		IOU DATA IN - 17	
20857		XA314	45									J	TB17TD	04	TB17TD	00	1	TLD	D3		24B		JDB17B4 BUSS	
20860		XA321	50			XA313	72			168	9		TB18C0	01	DT18AD	01	1	TLD	D2		23A			
20861		XA313	72							168	9		TB18C0	02	TB18C0	00	1	TQ2	F2		34A		IOU DATA IN - 18	
20865		XA314	46									J	TB18TD	04	TB18TD	00	1	TLD	D2		21A		JDB18B4 BUSS	
20868		XA321	56			XA313	75			168	9		TB19C0	01	DT19AD	01	1	TLD	D1		26A			
20869		XA313	75							168	9		TB19C0	02	TB19C0	00	1	TQ2	F1		37B		IOU DATA IN - 19	
20873		XA314	52									J	TB19TD	04	TB19TD	00	1	TLD	D1		24A		JDB19B4 BUSS	
20876		XA321	35			XA313	63			168	9		TB20C0	01	DT20AD	01	1	TLD	C4		17B			
20877		XA313	63							168	9		TB20C0	02	TB20C0	00	1	TQ2	E4		33B		IOU DATA IN - 20	
20881		XA314	35									J	TB20TD	04	TB20TD	00	1	TLD	C4		19B		JDB20B4 BUSS	
20884		XA321	31			XA313	57			168	9		TB21C0	01	DT21AD	01	2	TLD	C3		15B			
20885		XA313	57							168	9		TB21C0	02	TB21C0	00	1	TQ2	E3		30B		IOU DATA IN - 21	
20889		XA314	33									J	TB21TD	04	TB21TD	00	1	TLD	C3		16B		JDB21B4 BUSS	
20892		XA321	34			XA313	60			168	9		TB22C0	01	DT22AD	01	2	TLD	C2		16A			
20893		XA313	60							168	9		TB22C0	02	TB22C0	00	1	TQ2	E2		28A		IOU DATA IN - 22	
20897		XA314	30									J	TB22TD	04	TB22TD	00	1	TLD	C2		15A		JDB22B4 BUSS	
										****	SIGNAL		TB23C0		IS ON THE						****			

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	PREFIX	CONNECTOR	PIN	OR	PREFIX	CONNECTOR	PIN	OR	MULTI GROUP	CODE	COLOR	IDENT											
20900		XA321	42										TB23C0	01	DT23AD	01	1	TLD	C1		20A		
20901		XA313	66			XA313	66						TB23C0	02	TB23C0	00	1	TQ2	E1		31A	IOU DATA IN - 23	
20905		XA314	38									J	TB23TD	04	TB23TD	00	1	TLD	C1		18A	JDB23B4 BUSS	
20908		XA319	25			XA313	51						TB24C0	01	DT24AD	01	2	TLD	B4		12B		
20909		XA313	51										TB24C0	02	TB24C0	00	1	TQ2	D4		27B	IOU DATA IN - 24	
20913		XA314	27									J	TB24TD	04	TB24TD	00	1	TLD	B4		13B	JDB24B4 BUSS	
20916		XA319	17			XA313	45						TB25C0	01	DT25AD	01	1	TLD	B3		08B		
20917		XA313	45										TB25C0	02	TB25C0	00	1	TQ2	D3		24B	IOU DATA IN - 25	
20921		XA314	21									J	TB25TD	04	TB25TD	00	1	TLD	B3		10B	JDB25B4 BUSS	
20924		XA319	20			XA313	46						TB26C0	01	DT26AD	01	1	TLD	B2		11A		
20925		XA313	46										TB26C0	02	TB26C0	00	1	TQ2	D2		21A	IOU DATA IN - 26	
20929		XA314	14									J	TB26TD	04	TB26TD	00	1	TLD	B2		09A	JDB26B4 BUSS	
20932		XA319	26			XA313	52						TB27C0	01	DT27AD	01	1	TLD	B1		14A		
20933		XA313	52										TB27C0	02	TB27C0	00	1	TQ2	D1		24A	IOU DATA IN - 27	
20937		XA314	22									J	TB27TD	04	TB27TD	00	1	TLD	B1		12A	JDB27B4 BUSS	
20940		XA319	13			XA313	39						TB28C0	01	DT28AD	01	2	TLD	A4		06B		
20941		XA313	39										TB28C0	02	TB28C0	00	1	TQ2	C4		19B	IOU DATA IN - 28	
20945		XA314	15									J	TB28TD	04	TB28TD	00	1	TLD	A4		07B	JDB28B4 BUSS	
20948		XA319	07			XA313	33						TB29C0	01	DT29AD	01	2	TLD	A3		03A		
20949		XA313	33										TB29C0	02	TB29C0	00	1	TQ2	C3		16B	IOU DATA IN - 29	
20953		XA314	09									J	TB29TD	04	TB29TD	00	1	TLD	A3		04B	JDB29B4 BUSS	
20956		XA319	04			XA313	30						TB30C0	01	DT30AD	01	1	TLD	A2		04A		
20957		XA313	30										TB30C0	02	TB30C0	00	1	TQ2	C2		15A	IOU DATA IN - 30	
20961		XA314	01									J	TB30TD	04	TB30TD	00	1	TLD	A2		02B	JDB30B4 BUSS	
20964		XA319	08			XA313	38						TB31C0	01	DT31AD	01	2	TLD	A1		06A		
20965		XA313	38										TB31C0	02	TB31C0	00	1	TQ2	C1		18A	IOU DATA IN - 31	
20969		XA314	06									J	TB31TD	04	TB31TD	00	1	TLD	A1		05A	JDB31B4 BUSS	
20972		XA316	54			XA316	47						TDDBC0	01	TB03TD	01	2	TLD	D1		25A		
20973		XA316	47			XA316	48						TDDBC0	02	TB00TD	01	1	TLD	D4		25B		
20974		XA316	48			XA316	41						TDDBC0	03	TB02TD	01	2	TLD	D2		22A		
20975		XA316	41			XA315	49						TDDBC0	04	TB01TD	01	1	TLD	D3		22B		
20976		XA315	49			XA313	06						TDDBC0	05	TB04TD	01	2	TLD	D4		26B		
													****	SIGNAL	TDDBC0								S ON THE NEXT PAGE ****



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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT											
20977		XA313	06					168	9			TDDBC0	06	TDDBC0	00	1	TQ2	A1	05A	UPPR BUS DATA TO	
20978		XA314	76	XA314	71			168	9			TDD8D0	01	T808TD	01	1	TLD	F4	37A		
20979		XA314	71	XA314	65			168	9			TDD8D0	02	T810TD	01	2	TLD	F2	36A		
20980		XA314	65	XA315	54			168	9			TDD8D0	03	T809TD	01	1	TLD	F3	34B		
20981		XA315	54	XA315	50			168	9			TDD8D0	04	T807TD	01	2	TLD	D1	25A		
20982		XA315	50	XA315	43			168	9			TDD8D0	05	T806TD	01	1	TLD	D2	23A		
20983		XA315	43	XA313	01			168	9			TDD8D0	06	T805TD	01	2	TLD	D3	23B		
20984		XA313	01					168	9			TDD8D0	07	TDD8D0	00	1	TQ2	A2	02B	UPPR BUS DATA TO	
20985		XA314	77	XA314	70			168	9			TDD8E0	01	T811TD	01	2	TLD	F1	38B		
20986		XA314	70	XA314	59			168	9			TDD8E0	02	T815TD	01	1	TLD	E1	33A		
20987		XA314	59	XA314	62			168	9			TDD8E0	03	T812TD	01	1	TLD	E4	31B		
20988		XA314	62	XA314	53			168	9			TDD8E0	04	T814TD	01	2	TLD	E2	29A		
20989		XA314	53	XA313	09			168	9			TDD8E0	05	T813TD	01	1	TLD	E3	28B		
20990		XA313	09					168	9			TDD8E0	06	TDD8E0	00	1	TQ2	A3	04B	UPPR BUS DATA TO	
20991		XA314	54	XA314	49			168	9			TDD8F0	01	T819TD	01	2	TLD	D1	25A		
20992		XA314	49	XA314	50			168	9			TDD8F0	02	T816TD	01	2	TLD	D4	26B		
20993		XA314	50	XA314	41			168	9			TDD8F0	03	T818TD	01	1	TLD	D2	23A		
20994		XA314	41	XA314	35			168	9			TDD8F0	04	T817TD	01	1	TLD	D3	22B		
20995		XA314	35	XA313	15			168	9			TDD8F0	05	T820TD	01	1	TLD	C4	17B		
20996		XA313	15					168	9			TDD8F0	06	TDD8F0	00	1	TQ2	A4	07B	LWR BUS DATA TO I	
20997		XA314	40	XA314	36			168	9			TDD8G0	01	T823TD	01	2	TLD	C1	19A		
20998		XA314	36	XA314	29			168	9			TDD8G0	02	T822TD	01	1	TLD	C2	17A		
20999		XA314	29	XA313	22			168	9			TDD8G0	03	T821TD	01	1	TLD	C3	14B		
21000		XA313	22	XA314	23			168	9			TDD8G0	04	TDD8G0	00	1	TQ2	B1	12A	LWR BUS DATA TO I	
21001		XA314	23	XA314	18			168	9			TDD8G0	05	T824TD	01	1	TLD	B4	11B		
21002		XA314	18	XA314	17			168	9			TDD8G0	06	T826TD	01	2	TLD	B2	10A		
21003		XA314	17					168	9			TDD8G0	07	T825TD	01	1	TLD	B3	08B		
21004		XA314	24	XA313	14			168	9			TDD8H0	01	T827TD	01	2	TLD	B1	13A		
21005		XA313	14	XA314	10			168	9			TDD8H0	02	TDD8H0	00	1	TQ2	B2	09A	LWR BUS DATA TO I	
21006		XA314	10	XA314	13			168	9			TDD8H0	03	T831TD	01	1	TLD	A1	07A		
21007		XA314	13	XA314	04			168	9			TDD8H0	04	T828TD	01	2	TLD	A4	06B		
21008		XA314	04	XA314	07			168	9			TDD8H0	05	T830TD	01	1	TLD	A2	04A		
21009		XA314	07					168	9			TDD8H0	06	T829TD	01	2	TLD	A3	03A		
21010		XA313	24	XA313	20			168	9			TDD8I1A	01	TDD8G0	01	2	TQ2	B1	13A		
21011		XA313	20	XA313	10			168	9			TDD8I1A	02	TDD8H0	01	1	TQ2	B2	11A		
21012		XA313	10	XA312	06			168	9			TDD8I1A	03	TDD8C0	01	1	TQ2	A1	07A		
21013		XA312	06	XA313	11			168	9			TDD8I1A	04	TDD8I1A	00	1	TQ2	A1	05A	BUS DATA TO IOU F	
21014		XA313	11	XA313	05			168	9			TDD8I1A	05	TDD8F0	01	1	TQ2	A4	05B		
21015		XA313	05	XA313	07			168	9			TDD8I1A	06	TDD8D0	01	2	TQ2	A2	03B		
21016		XA313	07					168	9			TDD8I1A	07	TDD8E0	01	2	TQ2	A3	03A		
21017		XA313	26	XA313	18			168	9			TDD82A	01	TDD8G0	01	1	TQ2	B1	14A		
21018		XA313	18	XA313	13			168	9			TDD82A	02	TDD8H0	01	2	TQ2	B2	10A		
21019		XA313	13	XA312	01			168	9			TDD82A	03	TDD8F0	01	2	TQ2	A4	06B		
								****		SIGNAL		TDD82A		S ON THE		NEXT PAGE		****			

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	PREFIX	CONNECTOR	PIN	POS	PREFIX	CONNECTOR	PIN	POS	MULTI GROUP	CODE	COL OR	IDENT											
21020		XA312	01							168	9		TDD2A	04	TDD2A	00	1	TQ2	A2		02B	BUS DATA TO IOU H	
23343		XA315	33		XA311	76				168	9		TPWF10	01	TPWFSB4	01	1	TLD	C3		16B	CPU POWER DOWN-0	
20541		XA311	76		XA203	39				168	9		TPWFSB4	02				RR4	H2				
22147		XA203	39							168	9		TPWFSB4	03				EXT					C03
20691		XA315	33									J	TPWF10	01	TPWF10	00	1	TLD	C3		16B	TPWFSB4 BUSS	
20687		XA313	27		XA315	29				168	9		TPWF2A	01	TPWF2A	00	1	TQ2	B4		13B	CPU RH BAY POWER	
17756		XA315	29							168	9		TPWF2A	04	TPWF10	01	1	TLD	C3		14B		
21966		XA301	55		XA311	78				168	9		TPWF2D	01				EXT					
20542		XA311	78		XA313	23				168	9		TPWF2D	02				RR4	H1				
17755		XA313	23							168	9		TPWF2D	03	TPWF2A	01	1	TQ2	B4		11B		
22445		XA202	63		XA211	39				168	9		UCMA4B	01				EXT					
21022		XA211	39		XA222	66				168	9		UCMA4B	02	CMA4BQ	01	1	TDD	EQ		19B		
21023		XA222	66							168	9		UCMA4B	03				RR4	G2				
22447		XA202	69		XA211	63				168	9		UCMA8B	01				EXT					
21027		XA211	63		XA222	71				168	9		UCMA8B	02	CMA8BQ	01	1	TDD	JQ		33B		
21028		XA222	71							168	9		UCMA8B	03				RR4	H5				
22449		XA202	61		XA210	17				168	9		UCMB2B	01				EXT					
21032		XA210	17		XA222	72				168	9		UCMB2B	02	CMB2BQ	01	1	TDD	DQ		08B		
21033		XA222	72							168	9		UCMB2B	03				RR4	G1				
22451		XA202	65		XA210	41				168	9		UCMB6B	01				EXT					
21037		XA210	41		XA222	73				168	9		UCMB6B	02	CMB6BQ	01	1	TDD	HQ		22B		
21038		XA222	73							168	9		UCMB6B	03				RR4	H4				
22453		XA202	67		XA210	63				168	9		UCMB7B	01				EXT					
21042		XA210	63		XA222	75				168	9		UCMB7B	02	CMB7BQ	01	1	TDD	JQ		33B		
21043		XA222	75							168	9		UCMB7B	03				RR4	H3				
22455		XA202	71		XA210	53				168	9		UCMB8B	01				EXT					
21047		XA210	53		XA222	76				168	9		UCMB8B	02	CMB8BQ	01	1	TDD	KQ		28B		
21048		XA222	76							168	9		UCMB8B	03				RR4	H2				
22205		XA301	77		XA404	08				168	9		UCMG0B	00				EXT					
09234		XA404	08		XA551	63				168	9		UCMG0B	01				RR4	A1				
21054		XA551	63							168	9		UCMG0B	04	CMG0BQ	01	1	TDD	JQ		33B		
22207		XA301	79		XA404	05				168	9		UCMG3B	00				EXT					
21163		XA404	05		XA551	65				168	9		UCMG3B	01				RR4	A3				
21062		XA551	65							168	9		UCMG3B	04	CMG3BQ	01	1	TDD	MQ		34B		
22193		XA301	65		XA404	07				168	9		UCMG4B	00				EXT					
21164		XA404	07		XA551	15				168	9		UCMG4B	01				RR4	A4				
21070		XA551	15							168	9		UCMG4B	04	CMG4BQ	01	1	TDD	AQ		07B		

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	PREFIX	CONNECTOR	PIN	PREFIX	CONNECTOR	PIN	MULTI GROUP	CODE	COLOR	IDENT												
22195 09240 21078		XA301 XA404 XA551	67 20 03		XA404 XA551	20 03		16B 16B 16B	9 9 9				UCMG5B UCMG5B UCMG5B	00 01 04			EXT RR4 TDD	B1 B1 BQ		02A		
22197 21170 21086		XA301 XA404 XA551	69 17 27		XA404 XA551	17 27		16B 16B 16B	9 9 9				UCMG6B UCMG6B UCMG6B	05 01 04			EXT RR4 TDD	B4 B4 CQ		13B		
22199 21171 21094		XA301 XA404 XA551	71 19 17		XA404 XA551	19 17		16B 16B 16B	9 9 9				UCMG7B UCMG7B UCMG7B	00 01 04			EXT RR4 TDD	B5 B5 DQ		08B		
22469 21100 21101 21102		XA401 XA404 XA411 XA532	61 61 15 80		XA404 XA411 XA532	61 15 80		16B 16B 16B 16B	9 9 9 9				UCM00B UCM00B UCM00B UCM00B	01 02 03 04			EXT RR4 TDD TDD	G5 AQ LQ		07B 39A		
22471 21108 21109		XA401 XA404 XA411	63 62 03		XA404 XA411	62 03		16B 16B 16B	9 9 9				UCM11B UCM11B UCM11B	01 02 03			EXT RR4 TDD	F1 BQ		02A		
22473 21113 21114		XA401 XA404 XA411	65 63 27		XA404 XA411	63 27		16B 16B 16B	9 9 9				UCM22B UCM22B UCM22B	01 02 03			EXT RR4 TDD	G4 CQ		13B		
22475 21118 21119		XA401 XA404 XA411	67 65 29		XA404 XA411	65 29		16B 16B 16B	9 9 9				UCM55B UCM55B UCM55B	01 02 03			EXT RR4 TDD	G3 FQ		14B		
22477 21123 21124		XA401 XA404 XA411	69 76 41		XA404 XA411	76 41		16B 16B 16B	9 9 9				UCM77B UCM77B UCM77B	01 02 03			EXT RR4 TDD	H2 HQ		22B		
22480 21126 21127		XA401 XA404 XA411	71 66 63		XA404 XA411	66 63		16B 16B 16B	9 9 9				UCM88B UCM88B UCM88B	01 02 03			EXT RR4 TDD	G2 JQ		33B		
22483 21129 21130		XA401 XA404 XA411	73 71 53		XA404 XA411	71 53		16B 16B 16B	9 9 9				UCM00B UCM00B UCM00B	01 02 03			EXT RR4 TDD	H5 KQ		28B		
22485 21134 21135		XA401 XA404 XA411	75 72 80		XA404 XA411	72 80		16B 16B 16B	9 9 9				UCM11B UCM11B UCM11B	01 02 03			EXT RR4 TDD	G1 LQ		39A		
22487 21139 21140		XA401 XA404 XA411	77 73 65		XA404 XA411	73 65		16B 16B 16B	9 9 9				UCM22B UCM22B UCM22B	01 02 03			EXT RR4 TDD	H4 MQ		34B		



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	PREFIX	CONNECTOR	PIH	POS	PREFIX	CONNECTOR	PIH	POS	MULTI GROUP	CODE	COLOR												IDENT		
09253		XA405	17							16B	9		WDDDIA	02	MYSNIGX	01	2	ACF	B1		07A		B03		
18196		XA107	59		XA315	31		ZH		16B	9		WDDDIB	01				MYS						B03	
17765		XA315	31		XA310	29				16B	9		WDDDIB	02	TPWFID	01	2	TLD	C3		15B		B03		
20523		XA310	29										WDDDIB	03				RR1	C3				B03		
23301		XA107	52		XA405	16		OA		16B	0		WDDDIG	01				MYS							
23302		XA405	16					OA		16B	0		WDDDIG	02				ACF			20B				
23456		XA108	58		XA315	32		ZH		16B	0		WDDDIZ	01										B03	
23447		XA315	32					ZH		16B	0		WDDDIZ	02				TLD			21B			B03	
18187		XA107	49		XA121	61				16B	9		WDDDI1	01				MYS							
20475		XA121	61		XA121	63				16B	9		WDDDI1	02				RR1	G1					B03	
20477		XA121	63		XA121	65				16B	9		WDDDI1	03				RR1	G2					B03	
20479		XA121	65		XA121	66				16B	9		WDDDI1	04				RR1	G3					B03	
20480		XA121	66							16B	9		WDDDI1	05				RR1	G4					B03	
17829		XA410	70		XA107	14		AA		16B	9		WDDDJA	00	JMTSCO	01	2	TQ2	E1		33A			C02	
18156		XA107	14		XA104	05				16B	9		WDDDJA	01				MYS							B03
17932		XA104	05							16B	9		WDDDJA	02				EXT							
23457		XA410	67		XA108	16		AA		16B	0		WDDDJG	01				TQ2			40A			C02	
23458		XA108	16					AA		16B	0		WDDDJG	02											C02
22209		XA302	75		XA107	09				16B	9		WKL TSA	01				EXT							
18152		XA107	09							16B	9		WKL TSA	02				MYS							
18153		XA107	10		XA302	77				16B	9		WKL TSB	01				MYS							
22211		XA302	77							16B	9		WKL TSB	02				EXT							
22498		XA403	77		XA404	52				16B	9		YACPDB	01				EXT							B03
15121		XA404	52		XA507	17				16B	9		YACPDB	02				RR4	E1						B03
23226		XA507	17							16B	9	P	MACPTDX	03	YACPDB	01	1	DCF	A3		07B				
23345		XA403	78		XA507	19				16B	9		YACPDG	01				EXT							
23346		XA507	19							16B	9		YACPDG	02				DCF							
22500		XA403	69		XA404	47				16B	9		YADCDB	01				EXT							
12744		XA404	47		XA507	27				16B	9		YADCDB	02				RR4	E3						
23227		XA507	27							16B	9	P	MADDCDX	03	YADCDB	01	1	DCF	B1		10B				
23347		XA403	70		XA507	25				16B	9		YADCDB	01				EXT							
23348		XA507	25							16B	9		YADCDB	02				DCF							
22502		XA403	71		XA404	48				16B	9		YHLCDB	01				EXT							
14938		XA404	48		XA507	37				16B	9		YHLCDB	02				RR4	E2						
23233		XA507	37							16B	9	P	MHOLDDX	03	YHLCDB	01	1	DCF	B3		15B				
23349		XA403	72		XA507	39				16B	9		YHLCDB	01				EXT							
										****		SIGNAL	YHLCDB		IS ON THE						NEXT PAGE			****	

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	PREFIX	CONNECTOR	PIH	WIRE	PREFIX	CONNECTOR	PIH	WIRE	MULTI GROUP	CODE	COL-OR	IDENT											
23350		XA507	39						168	9			YHLC DG	02				DCF					
22504		XA403	01		XA404	46			168	9			YI0PDB	01				EXT					
15135		XA404	46		XA507	07			168	9			YI0PDB	02				RR4	D2				
23272		XA507	07						168	9		P	MYPARDX	03	YI0PDB	01	1	DCF	A1		02B		
23351		XA403	02		XA507	05			168	9			YI0POG	01				EXT					
23352		XA507	05						168	9			YI0POG	02				DCF					
22506		XA403	03		XA404	23			168	9			YI00DB	01				EXT					
15638		XA404	23		XA407	07			168	9			YI00DB	02				RR4	C3				
22007		XA407	07						168	9		P	MYA00DX	03	YI00DB	01	1	DCF	A1		02B		
23353		XA403	04		XA407	05			168	9			YI00DG	01				EXT					
23354		XA407	05						168	9			YI00DG	02				DCF					
22508		XA403	05		XA404	25			168	9			YI01DB	01				EXT					
15647		XA404	25		XA407	17			168	9			YI01DB	02				RR4	C4				
23341		XA407	17						168	9		P	MYA01DX	03	YI01DB	01	1	DCF	A3		07B		
23355		XA403	06		XA407	19			168	9			YI01DG	01				EXT					
23356		XA407	19						168	9			YI01DG	02				DCF					
22510		XA403	07		XA404	29			168	9			YI02DB	01				EXT					
15657		XA404	29		XA407	14			168	9			YI02DB	02				RR4	C5				
22006		XA407	14						168	9		P	MYA02DX	03	YI02DB	01	1	DCF	A5		08B		
23357		XA403	08		XA407	16			168	9			YI02DG	01				EXT					
23358		XA407	16						168	9			YI02DG	02				DCF					
22512		XA403	09		XA404	35			168	9			YI03DB	01				EXT					
15667		XA404	35		XA407	01			168	9			YI03DB	02				RR4	D3				
23240		XA407	01						168	9		P	MYA03DX	03	YI03DB	01	1	DCF	A7		02A		
23359		XA403	10		XA407	02			168	9			YI03DG	01				EXT					
23360		XA407	02						168	9			YI03DG	02				DCF			01A		
22514		XA403	11		XA404	36			168	9			YI04DB	01				EXT					
15677		XA404	36		XA407	27			168	9			YI04DB	02				RR4	C1				
23241		XA407	27						168	9		P	MYA04DX	03	YI04DB	01	1	DCF	B1		10B		
23361		XA403	12		XA407	25			168	9			YI04DG	01				EXT					
23362		XA407	25						168	9			YI04DG	02				DCF					
22516		XA403	13		XA404	37			168	9			YI05DB	01				EXT					
15687		XA404	37		XA407	37			168	9			YI05DB	02				RR4	D4				
23242		XA407	37						168	9		P	MYA05DX	03	YI05DB	01	1	DCF	B3		15B		
23363		XA403	14		XA407	39			168	9			YI05DG	01				EXT					
23364		XA407	39						168	9			YI05DG	02				DCF					

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Y105DG

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RECORD NUMBER	FROM				TO				WIRE			SPEC. 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	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COL. CR												
22518 15697 23243		XA403	15		XA404	38		168	9				YI06DB	01				EXT					
		XA404	38		XA407	41		168	9				YI06DB	02				RR4	C2				
		XA407	41									P	MYA06DX	03	YI06DB	J1	1	DCF	B5			16A	
23365 23366		XA403	16		XA407	42		168	9				YI06DG	01				EXT					
		XA407	42					168	9				YI06DG	02				DCF				20B	
22520 15708 23244		XA403	17		XA404	39		168	9				YI07DB	01				EXT					
		XA404	39		XA407	23		168	9				YI07DB	02				RR4	D5				
		XA407	23									P	MYA07DX	03	YI07DB	O1	1	DCF	B7			10A	
23367 23368		XA403	18		XA407	21		168	9				YI07DG	01				EXT					
		XA407	21					168	9				YI07DG	02				DCF					
22522 15718 23245		XA403	19		XA404	41		168	9				YI08DB	01				EXT					
		XA404	41		XA407	46		168	9				YI08DB	02				RR4	E5				
		XA407	46									P	MYA08DX	03	YI08DB	J1	1	DCF	C1			25B	
23369 23370		XA403	20		XA407	45		168	9				YI08DG	01				EXT					
		XA407	45					168	9				YI08DG	02				DCF				27A	
22524 15728 23246		XA403	21		XA404	42		168	9				YI09DB	01				EXT					
		XA404	42		XA407	55		168	9				YI09DB	02				RR4	D1				
		XA407	55									P	MYA09DX	03	YI09DB	O1	1	DCF	C3			30B	
23371 23372		XA403	22		XA407	53		168	9				YI09DG	01				EXT					
		XA407	53					168	9				YI09DG	02				DCF					
22526 15738 23247		XA403	23		XA404	45		168	9				YI10DB	01				EXT					
		XA404	45		XA407	60		168	9				YI10DB	02				RR4	E4				
		XA407	60									P	MYA10DX	03	YI10DB	O1	1	DCF	C5			31B	
23373 23374		XA403	24		XA407	58		168	9				YI10DG	01				EXT					
		XA407	58					168	9				YI10DG	02				DCF					
22528 15748 23248		XA403	25		XA504	05		168	9				YI11DB	01				EXT					
		XA504	05		XA407	43		168	9				YI11DB	02				RR4	A3				
		XA407	43									P	MYA11DX	03	YI11DB	O1	1	DCF	C7			25A	
23375 23376		XA403	26		XA407	44		168	9				YI11DG	01				EXT					
		XA407	44					168	9				YI11DG	02				DCF					
22530 15760 23245		XA403	27		XA504	07		168	9				YI12DB	01				EXT					
		XA504	07		XA407	65		168	9				YI12DB	02				RR4	A4				
		XA407	65									P	MYA12DX	03	YI12DB	O1	1	DCF	D1			32B	
23377 23378		XA403	28		XA407	67		168	9				YI12DG	01				EXT					
		XA407	67					168	9				YI12DG	02				DCF					







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YI26DG

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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 CP	SIGNAL DESCRIPTION	ECC NO
	PREFIX	CONNECTOR	PIN	WIRE	PREFIX	CONNECTOR	PIN	WIRE	MULTI GROUP	CODE	COLOR	IDENT										
22560		XA403	57		XA504	38		16B	9				YI270B	01			EXT					
15941		XA504	38		XA506	43		16B	9				YI270B	02			RR4	C2				
23264		XA506	43					16B	9			P	MYA27DX	03	YI27DB	01	1	DCF	C7		29A	
23407		XA403	58		XA506	44		16B	9				YI270G	01			EXT					
23408		XA506	44					16B	9				YI270G	02			DCF					
22562		XA403	59		XA504	39		16B	9				YI280B	01			EXT					
15953		XA504	39		XA506	65		16B	9				YI280B	02			RR4	O5				
23265		XA506	65					16B	9			P	MYA280X	03	YI28DB	01	1	DCF	O1		32B	
23409		XA403	60		XA506	67		16B	9				YI28DG	01			EXT					
23410		XA506	67					16B	9				YI28DG	02			DCF					
22564		XA403	61		XA504	41		16B	9				YI29DB	01			EXT					
15965		XA504	41		XA506	78		16B	9				YI29DB	02			RR4	E5				
23266		XA506	78					16B	9			P	MYA29DX	03	YI29DB	01	1	DCF	O3		37B	
23411		XA403	62		XA506	77		16B	9				YI29DG	01			EXT					
23412		XA506	77					16B	9				YI29DG	02			DCF					
22566		XA403	63		XA504	42		16B	9				YI30DB	01			EXT					
15977		XA504	42		XA506	80		16B	9				YI30DB	02			RR4	O1				
23267		XA506	80					16B	9			P	MYA30DX	03	YI30DB	01	1	DCF	O5		38B	
23413		XA403	64		XA506	79		16B	9				YI30DG	01			EXT					
23414		XA506	79					16B	9				YI30DG	02			DCF				40B	
22568		XA403	65		XA504	45		16B	9				YI31DB	01			EXT					
15989		XA504	45		XA506	61		16B	9				YI31DB	02			RR4	E4				
23268		XA506	61					16B	9			P	MYA31DX	03	YI31DB	01	1	DCF	D7		33A	
23415		XA403	66		XA506	59		16B	9				YI31DG	01			EXT					
23416		XA506	59					16B	9				YI31DG	02			DCF					
22390		J01	L4		XA104	03		21	1EB	9			YMM1DB	00			PWR					C07
17930		XA104	03		XA107	13		16B	9				YMM1DB	01			EXT					C02
18155		XA107	13		XA107	50		16B	9				YMM1DB	02			MTS					C02
18188		XA107	50		XA403	67		13	1EB	9			YMM1DB	03			MTS					C02
22571		XA403	67					13	1EB	9			YMM1DB	04			EXT					C02
18190		XA107	58		XA403	68		13	1EB	0			YMM1DG	02			MTS					
23304		XA403	68										YMM1DG	03			EXT					
23303		J01	L3		XA104	04		21	1EB	0			YMM1DZ	01			PWR					C07
23459		XA104	04					21	1EB	0			YMM1DZ	02			EXT					C02
20581		XA504	78		XA507	23		16B	9				YMR5DB	00			RR4	H1				B03
								****			SIGNAL	YMR5DB			IS ON THE		NEXT PAGE	****				

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	PREFIX	CONNECTOR	PIN	IN PA	PREFIX	CONNECTOR	PIN	IN PA	MULTI GROUP	CODE	COLOR	IDENT												SPEC. INST. MISC
23238 21859		XA507 XA303	23 65			XA303 65			Q5 Q5	1E8 1E8	9 9		P	MMRSTDX YMRSDB	01 02	YMRSDB	01	1	DCF EXT	B7		10A	UD=UPPER CPU	B03 B03
15870 23448		XA507 XA304	21 67			XA304 67			Q5 Q5	1E8 1E8	0 0			YMRS0G YMRS0G	01 02				DCF					B03 B03
23305 23273 09265		XA403 XA405 XA405	74 31 33			XA405 XA405 33			PL PL	1E8 1E8	0 9		P	YSN1GB MYSN1GX YSN1GB	01 02 03	YSN1GB	01	1	EXT ACF ACF	B1 B1 RB				
22577 23274		XA403 XA405	73 25			XA405 29			PL PL	1E8 1E8	9 9		P	YSN1HB MYSN1HX	01 02	YSN1HB	01	1	EXT ACF	B2				
23306 23275 09261		XA403 XA405 XA405	76 23 27			XA405 XA405 27			PJ PJ	1E8 1E8	0 9		P	YSN2GB MYSN2GX YSN2GB	01 02 03	YSN2GB	01	1	EXT ACF ACF					
22579 23276		XA403 XA405	75 25			XA405 25			PJ PJ	1E8 1E8	9 9		P	YSN2HB MYSN2HX	01 02	YSN2HB	01	1	EXT ACF					
23277 21178		XA405 XA535	65 53			XA535 53				1E8 1E8	9 9		P	MYSN2YX YSN2YB	00 01	YSN2YB	01	1	ACF TQ2	C3 E3			32A 28B	
21180 21181 21182		XA528 XA528 XA536	76 73 26			XA528 XA536 26				1E8 1E8 1E8	9 9 9			YSN2YB YSN2YB YSN2YB	03 04 05	MK16NA MC044A MC088A	01 01 01	1	TQ2 TQ2 TQ2	F4 F2 B1			37A 36B 14A	
17964 18154		XA104 XA107	41 11			XA107 11				1E8 1E8	9 9			0S0GNO 0S0GNO	01 02				EXT NTS					
21256 21257 21258		XA222 XA222 XA222	02 06 18			XA222 XA222 18				1E8 1E8 1E8	9 9 9			21902G 21902G 21902G	01 02 03	GROUND GROUND GROUND			RR4 RR4 RR4	AC BC				
21259 21260		XA222 XA222	30 32			XA222 32				1E8 1E8	9 9			21932G 21932G	01 02	GROUND GROUND			RR4 RR4	CC				
21261 21262		XA222 XA222	40 44			XA222 44				1E8 1E8	9 9			21944G 21944G	01 02	GROUND GROUND			RR4 RR4	DC				
21263 21264 21265 21266 21267		XA222 XA222 XA222 XA222 XA222	54 64 67 74 77			XA222 XA222 XA222 XA222 XA222				1E8 1E8 1E8 1E8 1E8	9 9 9 9 9			21967G 21967G 21967G 21967G 21967G	01 02 03 04 05	GROUND GROUND GROUND GROUND GROUND			RR4 RR4 RR4 RR4 RR4	EC FC				
21268 21269		XA311 XA311	02 06	1		XA311 06	1			1E8 1E8	9 9			30802G 30802G	01 02	GROUND GROUND			RR4 RR4	AC				
21270 21271		XA311 XA311	30 32	1		XA311 32	1			1E8 1E8	9 9			30832G 30832G	01 02	GROUND GROUND			RR4 RR4	CC				

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	PREFIX	CONNECTOR	PIN	USE	PREFIX	CONNECTOR	PIN	USE	MULTI GROUP	CODE	COLOR	IDENT											
21272		XA311	40	1		XA311	44	1		168	9		30844G	01	GROUND			RR4	DC				
21273		XA311	44							168	9		30844G	02	GROUND			RR4					
21274		XA311	54	1		XA312	44	1		168	9		30854G	01	GROUND			RR4	EC				
21275		XA312	44							168	9		30854G	02	GROUND			TQ2			21B		
21276		XA311	64			XA312	44			188	9		30864G	01	GROUND			RR4	FC				
21277		XA312	44							188	9		30864G	02	GROUND			TQ2			21B		
21278		XA311	67	1		XA311	74	1		168	9		30867G	01	GROUND			RR4					
21279		XA311	74			XA311	77			188	9		30867G	02	GROUND			RR4	GC				
21280		XA311	77							188	9		30867G	03	GROUND			RR4	HC				
21281		XA311	18	1		XA312	16	1		168	9		30916G	01	GROUND			RR4	BC				
21282		XA312	16							168	9		30916G	02	GROUND			TQ2			01B		
21283		XA342	30			XA342	32			168	9		33932G	01	GROUND			RR4	CC				
21284		XA342	32							168	9		33932G	02	GROUND			RR4					
21285		XA342	40			XA342	44			168	9		33944G	01	GROUND			RR4	DC				
21286		XA342	44							168	9		33944G	02	GROUND			RR4					
21287		XA342	54			XA342	64			168	9		33967G	01	GROUND			RR4	EC				
21288		XA342	64			XA342	67			168	9		33967G	02	GROUND			RR4	FC				
21289		XA342	67			XA342	74			168	9		33967G	03	GROUND			RR4					
21290		XA342	74			XA342	77			168	9		33967G	04	GROUND			RR4	GC				
21291		XA342	77							168	9		33967G	05	GROUND			RR4	HC				
21292		XA342	06			XA342	18			168	9		34002G	01	GROUND			RR4	AC				
21293		XA342	18			XA343	02			168	9		34002G	02	GROUND			RR4	BC				
21294		XA343	02			XA343	11			168	9		34002G	03	GROUND			RR1					
21295		XA343	11							168	9		34002G	04	GROUND			RR1					
23417		XA405	02			XA404	02			168	9		40102G	005				ACF			01B		
21296		XA404	02	1		XA404	11	1		168	9		40102G	01	GROUND			RR4					
21297		XA404	11			XA404	06			168	9		40102G	02	GROUND			RR4				C03	
09233		XA404	06			XA404	18	1		168	9		40102G	03				RR4	AC			C03	
09239		XA404	18							168	9		40102G	04				RR4	BC			C03	
21298		XA404	30	1		XA404	32	1		168	9		40132G	01	GROUND			RR4	CC				
21299		XA404	32			XA405	32			168	9		40132G	02	GROUND			RR4					
23418		XA405	32							168	9		40132G	03				ACF			40A		
21302		XA404	54			XA404	40			168	9		40144G	00				RR4	EC			C03	
21300		XA404	40	1		XA404	44	1		168	9		40144G	01	GROUND			RR4	DC				
21301		XA404	44			XA405	44			168	9		40144G	02	GROUND			RR4					
23419		XA405	44							168	9		40144G	03				ACF			40B		
										****	SIGNAL		40167G		IS ON THE	NEXT PAGE	****						

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40167G

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	PREFIX	CONNECTOR	PIN	QTY	PREFIX	CONNECTOR	PIN	QTY	MULTI GROUP	CODE	COLOR	IDENT											
21304	XA405	67			XA404	64				168	9			40167G	005			ACF					
21304	XA404	64	1		XA404	67	1			168	9			40167G	01	GROUND		RR4	FC				
21305	XA404	67	2		XA404	74	2			168	9			40167G	02	GROUND		RR4					
21306	XA404	74	1		XA404	77	1			168	9			40167G	03	GROUND		RR4	GC				
21307	XA404	77								168	9			40167G	04	GROUND		RR4	HC				
21313	XA504	02	1		XA504	06	1			168	9			50102G	01	GROUND		RR4					
21316	XA504	06								168	9			50102G	02	GROUND		RR4	AC				
21318	XA504	11	1		XA504	18	1			168	9			50118G	02	GROUND		RR4					
21319	XA504	18								168	9			50118G	03	GROUND		RR4	BC				
21320	XA504	30	1		XA504	32	1			168	9			50132G	01	GROUND		RR4	CC				
21321	XA504	32								168	9			50132G	02	GROUND		RR4					
21322	XA504	40	1		XA504	44	1			168	9			50144G	01	GROUND		RR4	DC				
21323	XA504	44								168	9			50144G	02	GROUND		RR4					
21324	XA504	54	1		XA504	64	1			168	9			50158G	02	GROUND		RR4	EC				
21325	XA504	64								168	9			50158G	03	GROUND		RR4	FC				
21327	XA504	67	1		XA504	74	1			168	9			50167G	01	GROUND		RR4					
21328	XA504	74	2		XA504	77	2			168	9			50167G	02	GROUND		RR4	GC				
21329	XA504	77								168	9			50167G	03	GROUND		RR4	HC				

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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## The Metric System and Equivalents

### Linear Measure

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

### Weights

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

### Liquid Measure

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

### Square Measure

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

### Cubic Measure

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

## Approximate Conversion Factors

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

## Temperature (Exact)

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