MAINTENANCE MANUAL
DIGITAL CROSS CONNECT
ROA 117 2225 R1A
(RS-232 Simulcast Data Version Systems)

SPECIFICATIONS

Connectors:

J1 thru J96	
J98 thru J100	50 Position Header Assembly
J97	Telephone Modular Jack with top entry, 6 positions and 6 contacts

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DESCRIPTION

Digital Cross Connect Panel ROA117 2225 is located at the Simulcast Control Point in RS-232 version systems and mounts on the back of the Digital Rack/Cabinet (See Figure 1). This panel provides 99, 50-position (pin) connectors and one telephone modular jack with top entry (See Figure 2). Interconnection of all Simulcast Control Point digital signals is accomplished through the Digital Cross Connect panel (B400) to the backplanes of the various shelves within the system. These shelves contain system modules. The Digital Cross Connect panel is hinged so that all jacks are inside and can only be accessed by swinging the panel open.

The wiring for the cross connect panel is shown in a WIRING LIST. This WIRING LIST shows where the signal (Function) originates FROM and where the signal is going TO.

Example:

Connector J1, Pin 11

FROM	TO	FUNCTION
J1-11	J80-1	PTT_OUT_CH01

If you look at J80-1 you will read:

Connector J80, Pin 1

FROM	TO	FUNCTION
J80-1	J1-11	PTT_OUT_CH01

NOTICE!

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NOTICE!

Repairs to this equipment should be made only by an authorized service technician or facility designated by the supplier. Any repairs, alterations or substitution of recommended parts made by the user to this equipment not approved by the manufacturer could void the user's authority to operate the equipment in addition to the manufacturer's warranty.

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(19D904160, Sh. 23, Rev. 0)

Figure 1 - Digital Cross Connect Panel Mounting
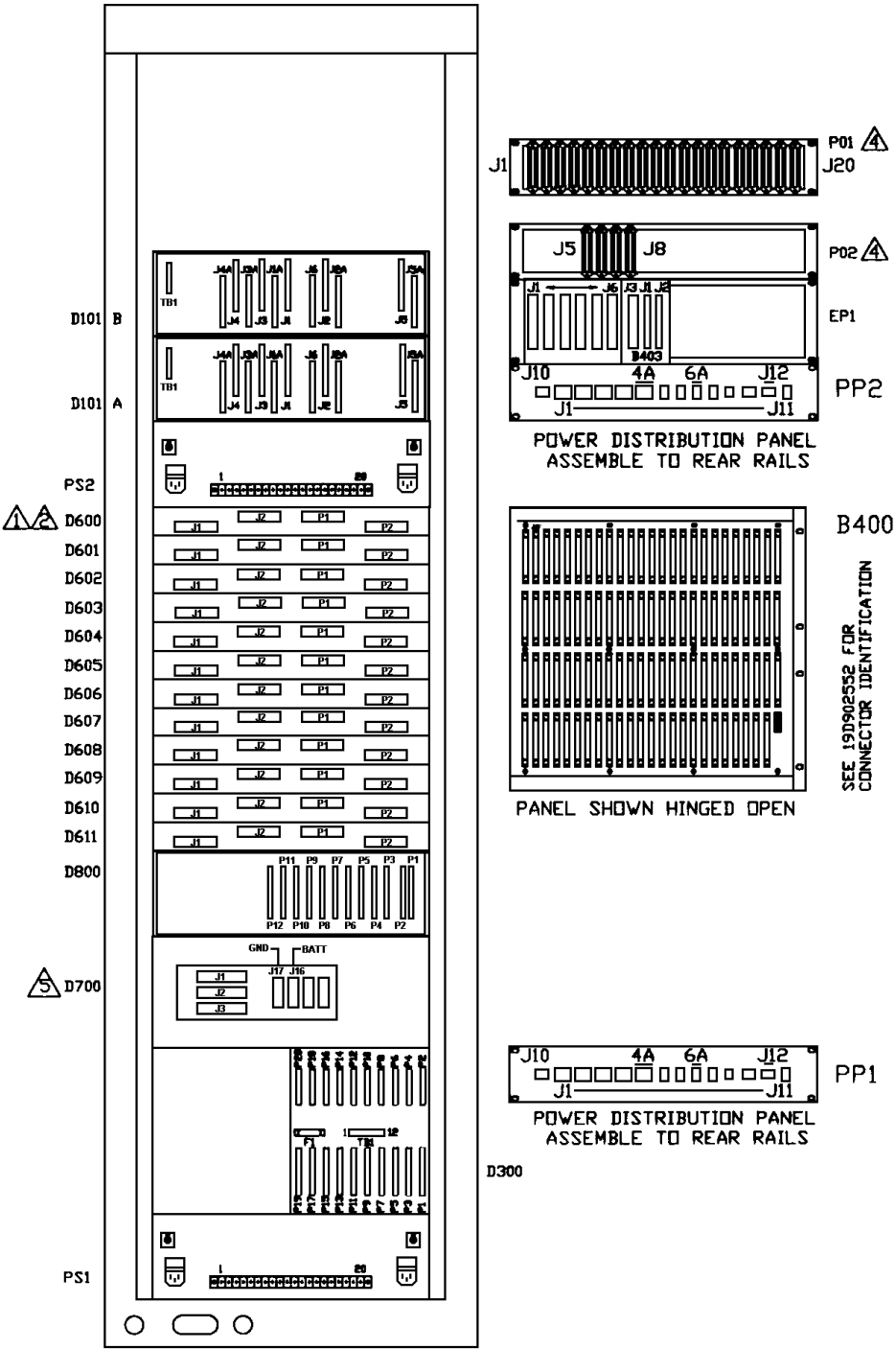
PARTS LIST
DIGITAL CROSS CONNECT
ROA 117 2225 R1A

SYMBOL	PART NUMBER	DESCRIPTION
		- - -CONNECTORS- - -
J1 thru J96	RPV403148/050	Header Assembly
J97	RNV40304/6	Telephone Modular Jack
J98 thru J100	RPV403148/050	Header Assembly
		- - -MISCELLANEOUS - - -
2	TVK1172211R1	Multilayer Printed Wire Board.
3	RVP403143/901	Connector Latch (Qty. 198)

(1/1078-ROA 117 2225, Rev. A)
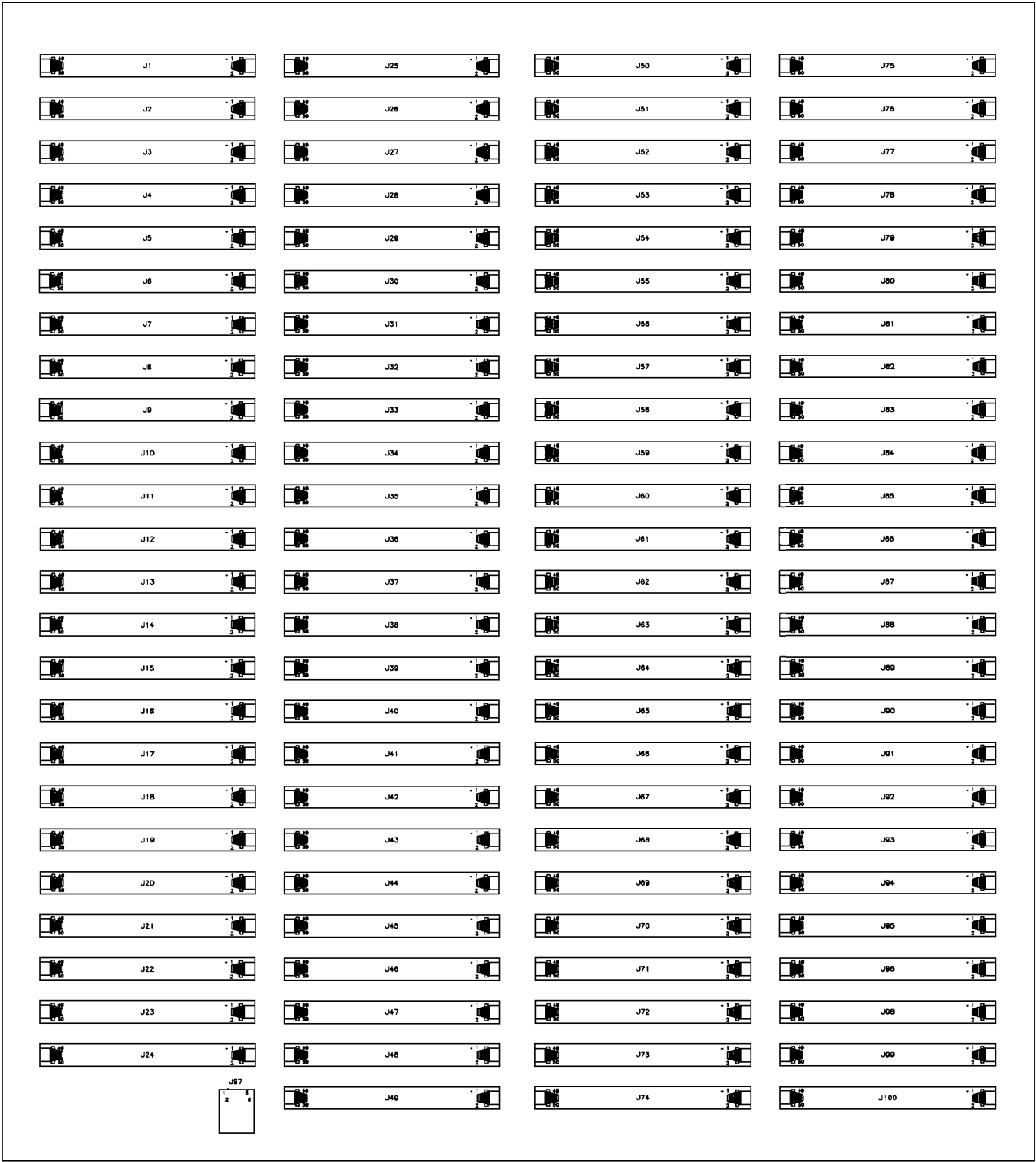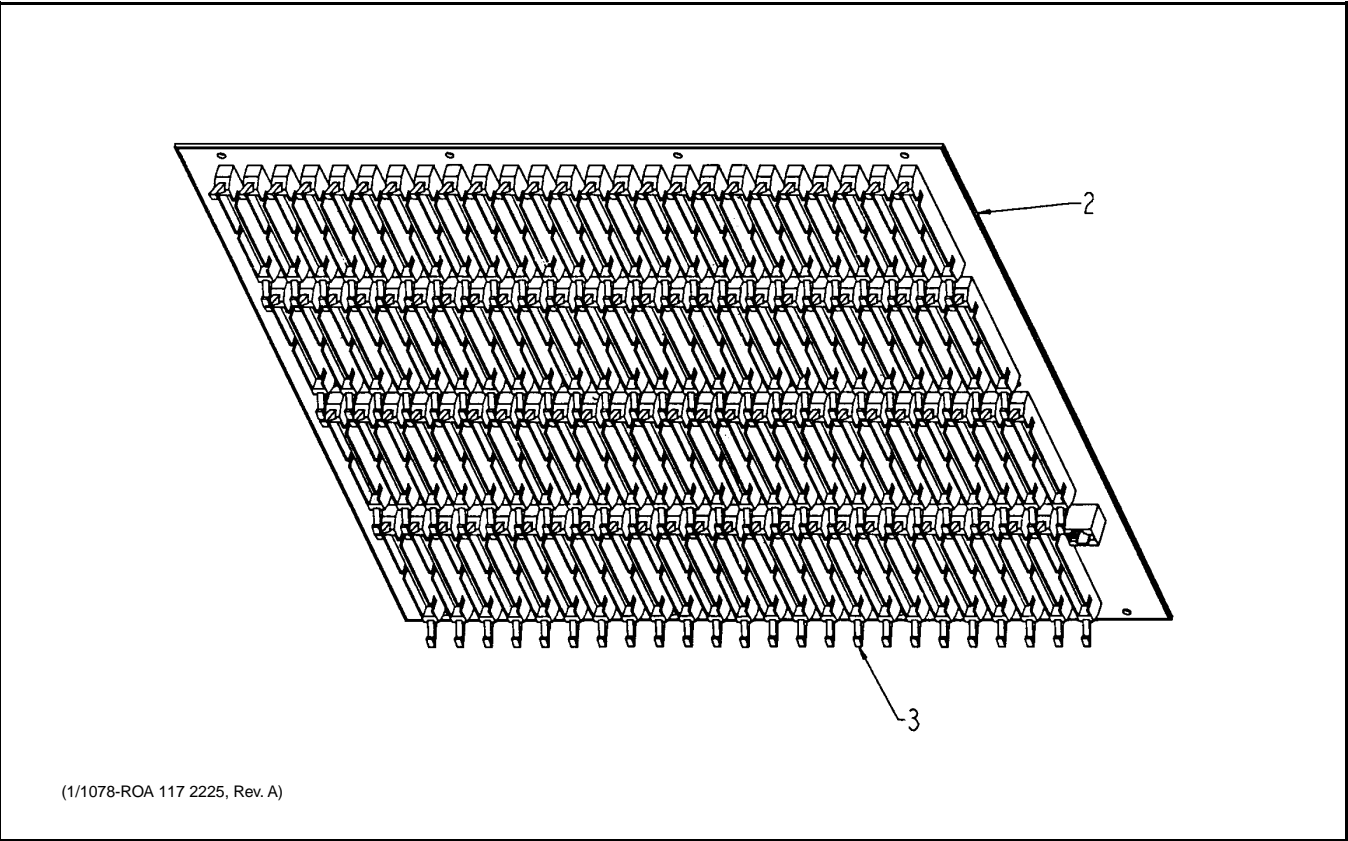
Figure 2 - Digital Cross Connect Panel (Exploded View)

(1078 ROA 1172225, Rev. A)

DIGITAL CROSS CONNECT-J1 & J2 — 1911-ROA 117 2225 SH.1 REV. A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J1-1		n/c	J1-26	•	GND	J2-1		n/c	J2-26	•	GND
J1-2		n/c	J1-27		n/c	J2-2		n/c	J2-27		n/c
J1-3		n/c	J1-28	•	GND	J2-3		n/c	J2-28	•	GND
J1-4		n/c	J1-29	J26-2	VRXD_CHO1	J2-4		n/c	J2-29	J26-4	VRXD_CHO2
J1-5		n/c	J1-30	•	GND	J2-5		n/c	J2-30	•	GND
J1-6		n/c	J1-31		n/c	J2-6		n/c	J2-31		n/c
J1-7		n/c	J1-32	•	GND	J2-7		n/c	J2-32	•	GND
J1-8		n/c	J1-33		n/c	J2-8		n/c	J2-33		n/c
J1-9		n/c	J1-34	•	GND	J2-9		n/c	J2-34	•	GND
J1-10	•	GND	J1-35		n/c	J2-10	•	GND	J2-35		n/c
J1-11	J80-1	PTT_OUT_CHO1	J1-36	J69-1	150D_GOUT_CHO1	J2-11	J80-2	PTT_OUT_CHO2	J2-36	J69-2	150D_GOUT_CHO2
J1-12		PTT_OUT_RTN	J1-37		n/c	J2-12	•	PTT_OUT_RTN	J2-37		n/c
J1-13	J80-26	A-D_OUT_CHO1	J1-38	•	GND	J2-13	J80-27	A-D_OUT_CHO2	J2-38	•	GND
J1-14	•	A-D_OUT_RTN	J1-39		n/c	J2-14	•	A-D_OUT_RTN	J2-39		n/c
J1-15		n/c	J1-40	•	GND	J2-15		n/c	J2-40	•	GND
J1-16		n/c	J1-41	J85-2	9.6D_GOUT_CHO1	J2-16		n/c	J2-41	J85-4	9.6D_GOUT_CHO2
J1-17		n/c	J1-42	J85-1	9.6D_GGND_CHO1	J2-17		n/c	J2-42	J85-3	9.6D_GGND_CHO2
J1-18		n/c	J1-43	J98-2	9.6C_GOUT_CHO1	J2-18		n/c	J2-43	J98-4	9.6C_GOUT_CHO2
J1-19		n/c	J1-44	J98-1	9.6C_GGND_CHO1	J2-19		n/c	J2-44	J98-3	9.6C_GGND_CHO2
J1-20		n/c	J1-45		n/c	J2-20		n/c	J2-45		n/c
J1-21		n/c	J1-46		n/c	J2-21		n/c	J2-46		n/c
J1-22		n/c	J1-47		n/c	J2-22		n/c	J2-47		n/c
J1-23		n/c	J1-48		n/c	J2-23		n/c	J2-48		n/c
J1-24	•	GND	J1-49	J6-49	SEL_2_OUT_A	J2-24	•	GND	J2-49	J7-49	SEL_2_OUT_B
J1-25		n/c		J11-49		J2-25		n/c		J12-49	
				J16-49						J17-49	
				J21-49						J22-49	
				J78-43						J78-44	
			J1-50	•	GND				J2-50	•	GND

DIGITAL CROSS CONNECT-J3 & J4 — 1911-ROA 117 2225 SH.2 REV. A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J3-1		n/c	J3-26	•	GND	J4-1		n/c	J4-26	•	GND
J3-2		n/c	J3-27		n/c	J4-2		n/c	J4-27		n/c
J3-3		n/c	J3-28	•	GND	J4-3		n/c	J4-28	•	GND
J3-4		n/c	J3-29	J26-6	VRXD_CHO3	J4-4		n/c	J4-29	J26-8	VRXD_CHO4
J3-5		n/c	J3-30	•	GND	J4-5		n/c	J4-30	•	GND
J3-6		n/c	J3-31		n/c	J4-6		n/c	J4-31		n/c
J3-7		n/c	J3-32	•	GND	J4-7		n/c	J4-32	•	GND
J3-8		n/c	J3-33		n/c	J4-8		n/c	J4-33		n/c
J3-9		n/c	J3-34	•	GND	J4-9		n/c	J4-34	•	GND
J3-10	•	GND	J3-35		n/c	J4-10	•	GND	J4-35		n/c
J3-11	J80-3	PTT_OUT_CHO3	J3-36	J69-3	150D_GOUT_CHO3	J4-11	J80-4	PTT_OUT_CHO4	J4-36	J69-4	150D_GOUT_CHO4
J3-12		PTT_OUT_RTN	J3-37		n/c	J4-12		PTT_OUT_RTN	J4-37		n/c
J3-13	J80-28	A-D_OUT_CHO3	J3-38	•	GND	J4-13	J80-29	A-D_OUT_CHO4	J4-38	•	GND
J3-14		A-D_OUT_RTN	J3-39		n/c	J4-14	•	A-D_OUT_RTN	J4-39		n/c
J3-15		n/c	J3-40	•	GND	J4-15		n/c	J4-40	•	GND
J3-16		n/c	J3-41	J85-6	9.6D_GOUT_CHO3	J4-16		n/c	J4-41	J85-8	9.6D_GOUT_CHO4
J3-17		n/c	J3-42	J85-5	9.6D_GGND_CHO3	J4-17		n/c	J4-42	J85-7	9.6D_GGND_CHO4
J3-18		n/c	J3-43	J98-6	9.6C_GOUT_CHO3	J4-18		n/c	J4-43	J98-8	9.6C_GOUT_CHO4
J3-19		n/c	J3-44	J98-5	9.6C_GGND_CHO3	J4-19		n/c	J4-44	J98-7	9.6C_GGND_CHO4
J3-20		n/c	J3-45		n/c	J4-20		n/c	J4-45		n/c
J3-21		n/c	J3-46		n/c	J4-21		n/c	J4-46		n/c
J3-22		n/c	J3-47		n/c	J4-22		n/c	J4-47		n/c
J3-23		n/c	J3-48		n/c	J4-23		n/c	J4-48		n/c
J3-24	•	GND	J3-49	J8-49	SEL_2_OUT_C	J4-24	•	GND	J4-49	J9-49	SEL_2_OUT_D
J3-25		n/c		J13-49		J4-25		n/c		J14-49	
				J18-49						J19-49	
				J23-49						J24-49	
				J78-45						J78-46	
			J3-50	•	GND				J4-50	•	GND

DIGITAL CROSS CONNECT-J5 & J6 — 1911-ROA 117 2225 SH.3 REV. A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J5-1		n/c	J5-26	•	GND	J6-1		n/c	J6-26	•	GND
J5-2		n/c	J5-27		n/c	J6-2		n/c	J6-27		n/c
J5-3		n/c	J5-28	•	GND	J6-3		n/c	J6-28	•	GND
J5-4		n/c	J5-29	J26-10	VRXD_CHO5	J6-4		n/c	J6-29	J26-12	VRXD_CHO6
J5-5		n/c	J5-30	•	GND	J6-5		n/c	J6-30	•	GND
J5-6		n/c	J5-31		n/c	J6-6		n/c	J6-31		n/c
J5-7		n/c	J5-32	•	GND	J6-7		n/c	J6-32	•	GND
J5-8		n/c	J5-33		n/c	J6-8		n/c	J6-33		n/c
J5-9		n/c	J5-34	•	GND	J6-9		n/c	J6-34	•	GND
J5-10	•	GND	J5-35		n/c	J6-10	•	GND	J6-35		n/c
J5-11	J80-5	PTT_OUT_CHO5	J5-36	J69-5	150D_GOUT_CHO5	J6-11	J80-6	PTT_OUT_CHO6	J6-36	J69-6	150D_GOUT_CHO6
J5-12	•	PTT_OUT_RTN	J5-37		n/c	J6-12	•	PTT_OUT_RTN	J6-37		n/c
J5-13	J80-30	A-D_OUT_CHO5	J5-38	•	GND	J6-13	J80-31	A-D_OUT_CHO6	J6-38	•	GND
J5-14	•	A-D_OUT_RTN	J5-39		n/c	J6-14	•	A-D_OUT_RTN	J6-39		n/c
J5-15		n/c	J5-40	•	GND	J6-15		n/c	J6-40	•	GND
J5-16		n/c	J5-41	J85-10	9.6D_GOUT_CHO5	J6-16		n/c	J6-41	J85-12	9.6D_GOUT_CHO6
J5-17		n/c	J5-42	J85-9	9.6D_GGND_CHO5	J6-17		n/c	J6-42	J85-11	9.6D_GGND_CHO6
J5-18		n/c	J5-43	J98-10	9.6C_GOUT_CHO5	J6-18		n/c	J6-43	J98-12	9.6C_GOUT_CHO6
J5-19		n/c	J5-44	J98-9	9.6C_GGND_CHO5	J6-19		n/c	J6-44	J98-11	9.6C_GGND_CHO6
J5-20		n/c	J5-45		n/c	J6-20		n/c	J6-45		n/c
J5-21		n/c	J5-46		n/c	J6-21		n/c	J6-46		n/c
J5-22		n/c	J5-47		n/c	J6-22		n/c	J6-47		n/c
J5-23		n/c	J5-48		n/c	J6-23		n/c	J6-48		n/c
J5-24	•	GND	J5-49	J10-49	SEL_2_OUT_E	J6-24	•	GND	J6-49	J1-49	SEL_2_OUT_A
J5-25		n/c		J15-49		J6-25		n/c		J11-49	
				J20-49						J16-49	
				J78-47						J21-49	
										J78-43	
			J5-50	•	GND				J6-50	•	GND

DIGITAL CROSS CONNECT-J7 & J8 — 1911-ROA 117 2225 SH.4 REV. A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J7-1		n/c	J7-26	•	GND	J8-1		n/c	J8-26	•	GND
J7-2		n/c	J7-27		n/c	J8-2		n/c	J8-27		n/c
J7-3		n/c	J7-28	•	GND	J8-3		n/c	J8-28	•	GND
J7-4		n/c	J7-29	J26-14	VRXD_CHO7	J8-4		n/c	J8-29	J26-16	VRXD_CHO8
J7-5		n/c	J7-30	•	GND	J8-5		n/c	J8-30	•	GND
J7-6		n/c	J7-31		n/c	J8-6		n/c	J8-31		n/c
J7-7		n/c	J7-32	•	GND	J8-7		n/c	J8-32	•	GND
J7-8		n/c	J7-33		n/c	J8-8		n/c	J8-33		n/c
J7-9		n/c	J7-34	•	GND	J8-9		n/c	J8-34	•	GND
J7-10	•	GND	J7-35		n/c	J8-10	•	GND	J8-35		n/c
J7-11	J80-7	PTT_OUT_CHO7	J7-36	J69-7	150D_GOUT_CHO7	J8-11	J80-8	PTT_OUT_CHO8	J8-36	J69-8	150D_GOUT_CHO8
J7-12	•	PTT_OUT_RTN	J7-37		n/c	J8-12	•	PTT_OUT_RTN	J8-37		n/c
J7-13	J80-32	A-D_OUT_CHO7	J7-38	•	GND	J8-13	J80-33	A-D_OUT_CHO8	J8-38	•	GND
J7-14	•	A-D_OUT_RTN	J7-39		n/c	J8-14	•	A-D_OUT_RTN	J8-39		n/c
J7-15		n/c	J7-40	•	GND	J8-15		n/c	J8-40	•	GND
J7-16		n/c	J7-41	J85-14	9.6D_GOUT_CHO7	J8-16		n/c	J8-41	J85-16	9.6D_GOUT_CHO8
J7-17		n/c	J7-42	J85-13	9.6D_GGND_CHO7	J8-17		n/c	J8-42	n/c	9.6D_GGND_CHO8
J7-18		n/c	J7-43	J98-14	9.6C_GOUT_CHO7	J8-18		n/c	J8-43	J98-16	9.6C_GOUT_CHO8
J7-19		n/c	J7-44	J98-13	9.6C_GGND_CHO7	J8-19		n/c	J8-44		9.6C_GGND_CHO8
J7-20		n/c	J7-45		n/c	J8-20		n/c	J8-45		n/c
J7-21		n/c	J7-46		n/c	J8-21		n/c	J8-46		n/c
J7-22		n/c	J7-47		n/c	J8-22		n/c	J8-47		n/c
J7-23		n/c	J7-48		n/c	J8-23		n/c	J8-48		n/c
J7-24	•	GND	J7-49	J2-49	SEL_2_OUT_B	J8-24	•	GND	J8-49	J3-49	SEL_2_OUT_C
J7-25		n/c		J12-49		J8-25		n/c		J13-49	
				J17-49						J18-49	
				J22-49						J23-49	
				J78-44						J78-45	
			J7-50	•	GND				J8-50	•	GND

DIGITAL CROSS CONNECT-J9 & J10

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J9-1		n/c	J9-26	•	GND	J10-1		n/c	J10-26	•	GND
J9-2		n/c	J9-27		n/c	J10-2		n/c	J10-27		n/c
J9-3		n/c	J9-28	•	GND	J10-3		n/c	J10-28	•	GND
J9-4		n/c	J9-29	J26-18	VRXD_CH09	J10-4		n/c	J10-29	J26-20	VRXD_CH10
J9-5		n/c	J9-30	•	GND	J10-5		n/c	J10-30	•	GND
J9-6		n/c	J9-31	•	n/c	J10-6		n/c	J10-31	•	n/c
J9-7		n/c	J9-32	•	GND	J10-7		n/c	J10-32	•	GND
J9-8		n/c	J9-33	•	n/c	J10-8		n/c	J10-33	•	n/c
J9-9		n/c	J9-34	•	GND	J10-9		n/c	J10-34	•	GND
J9-10	•	GND	J9-35		n/c	J10-10	•	GND	J10-35		n/c
J9-11	J80-9	PTT_OUT_CH09	J9-36	J69-9	150D_GOUT_CH09	J10-11	J80-10	PTT_OUT_CH10	J10-36	J69-10	150D_GOUT_CH10
J9-12	•	PTT_OUT_RTN	J9-37	•	GND	J10-12	•	PTT_OUT_RTN	J10-37	•	GND
J9-13	J80-34	A-D_OUT_CH09	J9-38	•	GND	J10-13	J80-35	A-D_OUT_CH10	J10-38	•	GND
J9-14	•	A-D_OUT_RTN	J9-39	•	GND	J10-14	•	A-D_OUT_RTN	J10-39	•	GND
J9-15		n/c	J9-40	•	GND	J10-15		n/c	J10-40	•	GND
J9-16		n/c	J9-41	J85-18	9.6D_GOUT_CH09	J10-16		n/c	J10-41	J85-20	9.6D_GOUT_CH10
J9-17		n/c	J9-42	J85-17	9.6D_GGND_CH09	J10-17		n/c	J10-42	J85-19	9.6D_GGND_CH10
J9-18		n/c	J9-43	J98-18	9.6C_GOUT_CH09	J10-18		n/c	J10-43	J98-20	9.6C_GOUT_CH10
J9-19		n/c	J9-44	J98-17	9.6C_GGND_CH09	J10-19		n/c	J10-44	J98-19	9.6C_GGND_CH10
J9-20		n/c	J9-45		n/c	J10-20		n/c	J10-45		n/c
J9-21		n/c	J9-46		n/c	J10-21		n/c	J10-46		n/c
J9-22		n/c	J9-47		n/c	J10-22		n/c	J10-47		n/c
J9-23		n/c	J9-48		n/c	J10-23		n/c	J10-48		n/c
J9-24	•	GND	J9-49	J4-49, J14-49, J19-49, J24-49, J78-46	SEL_2_OUT_D	J10-24	•	GND	J10-49	J5-49, J15-49, J20-49, J78-47	SEL_2_OUT_E
J9-25		n/c	J9-50	•	GND	J10-25		n/c	J10-50	•	GND

DIGITAL CROSS CONNECT-J9 & J10   1911-ROA 117 2225 SH.5 REV. A

DIGITAL CROSS CONNECT-J11 & J12

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J11-1		n/c	J11-26	•	GND	J12-1		n/c	J12-26	•	GND
J11-2		n/c	J11-27		n/c	J12-2		n/c	J12-27		n/c
J11-3		n/c	J11-28	•	GND	J12-3		n/c	J12-28	•	GND
J11-4		n/c	J11-29	J26-22	VRXD_CH11	J12-4		n/c	J12-29	J26-24	VRXD_CH12
J11-5		n/c	J11-30	•	GND	J12-5		n/c	J12-30	•	GND
J11-6		n/c	J11-31	•	n/c	J12-6		n/c	J12-31	•	n/c
J11-7		n/c	J11-32	•	GND	J12-7		n/c	J12-32	•	GND
J11-8		n/c	J11-33	•	n/c	J12-8		n/c	J12-33	•	n/c
J11-9		n/c	J11-34	•	GND	J12-9		n/c	J12-34	•	GND
J11-10	•	GND	J11-35		n/c	J12-10	•	GND	J12-35		n/c
J11-11	J80-11	PTT_OUT_CH11	J11-36	J69-11	150D_GOUT_CH11	J12-11	J80-12	PTT_OUT_CH12	J12-36	J69-12	150D_GOUT_CH12
J11-12	•	PTT_OUT_RTN	J11-37	•	GND	J12-12	•	PTT_OUT_RTN	J12-37	•	GND
J11-13	J80-36	A-D_OUT_CH11	J11-38	•	GND	J12-13	J80-37	A-D_OUT_CH12	J12-38	•	GND
J11-14	•	A-D_OUT_RTN	J11-39	•	GND	J12-14	•	A-D_OUT_RTN	J12-39	•	GND
J11-15		n/c	J11-40	•	GND	J12-15		n/c	J12-40	•	GND
J11-16		n/c	J11-41	J85-22	9.6D_GOUT_CH11	J12-16		n/c	J12-41	J85-24	9.6D_GOUT_CH12
J11-17		n/c	J11-42	J85-21	9.6D_GGND_CH11	J12-17		n/c	J12-42	J85-23	9.6D_GGND_CH12
J11-18		n/c	J11-43	J98-22	9.6C_GOUT_CH11	J12-18		n/c	J12-43	J98-24	9.6C_GOUT_CH12
J11-19		n/c	J11-44	J98-21	9.6C_GGND_CH11	J12-19		n/c	J12-44	J98-23	9.6C_GGND_CH12
J11-20		n/c	J11-45		n/c	J12-20		n/c	J12-45		n/c
J11-21		n/c	J11-46		n/c	J12-21		n/c	J12-46		n/c
J11-22		n/c	J11-47		n/c	J12-22		n/c	J12-47		n/c
J11-23		n/c	J11-48		n/c	J12-23		n/c	J12-48		n/c
J11-24	•	GND	J11-49	J1-49, J06-49, J16-49, J21-49, J78-43	SEL_2_OUT_A	J12-24	•	GND	J12-49	J2-49, J7-49, J17-49, J22-49, J78-44	SEL_2_OUT_B
J11-25		n/c	J11-50	•	GND	J12-25		n/c	J12-50	•	GND

DIGITAL CROSS CONNECT-J11 & J12   1911-ROA 117 2225 SH.6 REV. A

DIGITAL CROSS CONNECT-J13 & J14

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J13-1		n/c	J13-26	•	GND	J14-1		n/c	J14-26	•	GND
J13-2		n/c	J13-27		n/c	J14-2		n/c	J14-27	•	n/c
J13-3		n/c	J13-28	•	GND	J14-3		n/c	J14-28	•	GND
J13-4		n/c	J13-29	J26-26	VRXD_CH13	J14-4		n/c	J14-29	J26-28	VRXD_CH14
J13-5		n/c	J13-30	•	GND	J14-5		n/c	J14-30	•	GND
J13-6		n/c	J13-31	•	n/c	J14-6		n/c	J14-31	•	n/c
J13-7		n/c	J13-32	•	GND	J14-7		n/c	J14-32	•	GND
J13-8		n/c	J13-33	•	n/c	J14-8		n/c	J14-33	•	n/c
J13-9		n/c	J13-34	•	GND	J14-9		n/c	J14-34	•	GND
J13-10	•	GND	J13-35		n/c	J14-10	•	GND	J14-35		n/c
J13-11	J80-13	PTT_OUT_CH13	J13-36	J69-13	150D_GOUT_CH13	J14-11	J80-14	PTT_OUT_CH14	J14-36	J69-14	150D_GOUT_CH14
J13-12	•	PTT_OUT_RTN	J13-37	•	n/c	J14-12	•	PTT_OUT_RTN	J14-37	•	GND
J13-13	J80-38	A-D_OUT_CH13	J13-38	•	GND	J14-13	J80-39	A-D_OUT_CH14	J14-38	•	GND
J13-14	•	A-D_OUT_RTN	J13-39	•	GND	J14-14	•	A-D_OUT_RTN	J14-39	•	GND
J13-15		n/c	J13-40	•	GND	J14-15		n/c	J14-40	•	GND
J13-16		n/c	J13-41	J85-26	9.6D_GOUT_CH13	J14-16		n/c	J14-41	J85-28	9.6D_GOUT_CH14
J13-17		n/c	J13-42	J85-25	9.6D_GGND_CH13	J14-17		n/c	J14-42	J85-27	9.6D_GGND_CH14
J13-18		n/c	J13-43	J98-26	9.6C_GOUT_CH13	J14-18		n/c	J14-43	J98-28	9.6C_GOUT_CH14
J13-19		n/c	J13-44	J98-25	9.6C_GGND_CH13	J14-19		n/c	J14-44	J98-27	9.6C_GGND_CH14
J13-20		n/c	J13-45		n/c	J14-20		n/c	J14-45		n/c
J13-21		n/c	J13-46		n/c	J14-21		n/c	J14-46		n/c
J13-22		n/c	J13-47		n/c	J14-22		n/c	J14-47		n/c
J13-23		n/c	J13-48		n/c	J14-23		n/c	J14-48		n/c
J13-24	•	GND	J13-49	J3-49, J8-49, J18-49, J23-49, J78-45	SEL_2_OUT_C	J14-24	•	GND	J14-49	J4-49, J9-49, J19-49, J24-49, J78-46	SEL_2_OUT_D
J13-25		n/c	J13-50	•	GND	J14-25		n/c	J14-50	•	GND

DIGITAL CROSS CONNECT-J13 & J14   1911-ROA 117 2225 SH.7 REV. A

DIGITAL CROSS CONNECT-J15 & J16

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J15-1		n/c	J15-26	•	GND	J16-1		n/c	J16-26	•	GND
J15-2		n/c	J15-27	•	n/c	J16-2		n/c	J16-27	•	n/c
J15-3		n/c	J15-28	•	GND	J16-3		n/c	J16-28	•	GND
J15-4		n/c	J15-29	J26-30	VRXD_CH15	J16-4		n/c	J16-29	J26-32	VRXD_CH16
J15-5		n/c	J15-30	•	GND	J16-5		n/c	J16-30	•	GND
J15-6		n/c	J15-31	•	n/c	J16-6		n/c	J16-31	•	n/c
J15-7		n/c	J15-32	•	GND	J16-7		n/c	J16-32	•	GND
J15-8		n/c	J15-33	•	n/c	J16-8		n/c	J16-33	•	n/c
J15-9		n/c	J15-34	•	GND	J16-9		n/c	J16-34	•	GND
J15-10	•	GND	J15-35		n/c	J16-10	•	GND	J16-35		n/c
J15-11	J80-15	PTT_OUT_CH15	J15-36	J69-15	150D_GOUT_CH15	J16-11	J80-16	PTT_OUT_CH16	J16-36	J69-16	150D_GOUT_CH16
J15-12	•	PTT_OUT_RTN	J15-37	•	GND	J16-12	•	PTT_OUT_RTN	J16-37	•	GND
J15-13	J80-40	A-D_OUT_CH15	J15-38	•	GND	J16-13	J80-41	A-D_OUT_CH16	J16-38	•	GND
J15-14	•	A-D_OUT_RTN	J15-39	•	n/c	J16-14	•	A-D_OUT_RTN	J16-39	•	n/c
J15-15		n/c	J15-40	•	GND	J16-15		n/c	J16-40	•	GND
J15-16		n/c	J15-41	J85-30	9.6D_GOUT_CH15	J16-16		n/c	J16-41	J85-32	9.6D_GOUT_CH16
J15-17		n/c	J15-42	J85-29	9.6D_GGND_CH15	J16-17		n/c	J16-42	J85-31	9.6D_GGND_CH16
J15-18		n/c	J15-43	J98-30	9.6C_GOUT_CH15	J16-18		n/c	J16-43	J98-32	9.6C_GOUT_CH16
J15-19		n/c	J15-44	J98-29	9.6C_GGND_CH15	J16-19		n/c	J16-44	J98-31	9.6C_GGND_CH16
J15-20		n/c	J15-45		n/c	J16-20		n/c	J16-45		n/c
J15-21		n/c	J15-46		n/c	J16-21		n/c	J16-46		n/c
J15-22		n/c	J15-47		n/c	J16-22		n/c	J16-47		n/c
J15-23		n/c	J15-48		n/c	J16-23		n/c	J16-48		n/c
J15-24	•	GND	J15-49	J5-49, J10-49, J20-49, J78-47	SEL_2_OUT_E	J16-24	•	GND	J16-49	J1-49, J6-49, J11-49, J21-49, J78-43	SEL_2_OUT_A
J15-25		n/c	J15-50	•	GND	J16-25		n/c	J16-50	•	GND

DIGITAL CROSS CONNECT-J15 & J16   1911-ROA 117 2225 SH.8 REV. A

DIGITAL CROSS CONNECT-J17 & J18 — 1911-ROA 117 2225 SH.9 REV. A

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J17-1		n/c		J17-26	•	GND
J17-2		n/c		J17-27	•	n/c
J17-3		n/c		J17-28	•	GND
J17-4		n/c		J17-29	J26-34	VRXD_CH17
J17-5		n/c		J17-30	•	GND
J17-6		n/c		J17-31	•	n/c
J17-7		n/c		J17-32	•	GND
J17-8		n/c		J17-33	•	n/c
J17-9		n/c		J17-34	•	GND
J17-10	•	GND		J17-35	•	n/c
J17-11	J80-17	PTT_OUT_CH17		J17-36	J69-17	150D_GOUT_CH17
J17-12	•	PTT_OUT_RTN		J17-37	•	n/c
J17-13	J80-42	A-D_OUT_CH17		J17-38	•	GND
J17-14	•	A-D_OUT_RTN		J17-39	•	n/c
J17-15		n/c		J17-40	•	GND
J17-16		n/c		J17-41	J85-34	9.6D_GOUT_CH17
J17-17		n/c		J17-42	J85-33	9.6D_GGND_CH17
J17-18		n/c		J17-43	J98-34	9.6C_GOUT_CH17
J17-19		n/c		J17-44	J98-33	9.6C_GGND_CH17
J17-20		n/c		J17-45	•	n/c
J17-21		n/c		J17-46	•	n/c
J17-22		n/c		J17-47	•	n/c
J17-23		n/c		J17-48	•	n/c
J17-24	•	GND		J17-49	J2-49 J7-49 J12-49 J22-49 J78-44	SEL_2_OUT_B
J17-25		n/c		J17-50	•	GND

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J18-1		n/c		J18-26	•	GND
J18-2		n/c		J18-27	•	n/c
J18-3		n/c		J18-28	•	GND
J18-4		n/c		J18-29	J26-36	VRXD_CH18
J18-5		n/c		J18-30	•	GND
J18-6		n/c		J18-31	•	n/c
J18-7		n/c		J18-32	•	GND
J18-8		n/c		J18-33	•	n/c
J18-9		n/c		J18-34	•	GND
J18-10	•	GND		J18-35	•	n/c
J18-11	J80-18	PTT_OUT_CH18		J18-36	J69-18	150D_GOUT_CH18
J18-12	•	PTT_OUT_RTN		J18-37	•	n/c
J18-13	J80-43	A-D_OUT_CH18		J18-38	•	GND
J18-14	•	A-D_OUT_RTN		J18-39	•	n/c
J18-15		n/c		J18-40	•	GND
J18-16		n/c		J18-41	J85-36	9.6D_GOUT_CH18
J18-17		n/c		J18-42	J85-35	9.6D_GGND_CH18
J18-18		n/c		J18-43	J98-36	9.6C_GOUT_CH18
J18-19		n/c		J18-44	J98-35	9.6C_GGND_CH18
J18-20		n/c		J18-45	•	n/c
J18-21		n/c		J18-46	•	n/c
J18-22		n/c		J18-47	•	n/c
J18-23		n/c		J18-48	•	n/c
J18-24	•	GND		J18-49	J3-49 J8-49 J13-49 J23-49 J78-45	SEL_2_OUT_C
J18-25		n/c		J18-50	•	GND

DIGITAL CROSS CONNECT-J19 & J20 — 1911-ROA 117 2225 SH.10 REV. A

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J19-1		n/c		J19-26	•	GND
J19-2		n/c		J19-27	•	n/c
J19-3		n/c		J19-28	•	GND
J19-4		n/c		J19-29	J26-38	VRXD_CH19
J19-5		n/c		J19-30	•	GND
J19-6		n/c		J19-31	•	n/c
J19-7		n/c		J19-32	•	GND
J19-8		n/c		J19-33	•	n/c
J19-9		n/c		J19-34	•	GND
J19-10		GND		J19-35	•	n/c
J19-11	J80-19	PTT_OUT_CH19		J19-36	J69-19	150D_GOUT_CH19
J19-12	•	PTT_OUT_RTN		J19-37	•	n/c
J19-13	J80-44	A-D_OUT_CH19		J19-38	•	GND
J19-14	•	A-D_OUT_RTN		J19-39	•	n/c
J19-15		n/c		J19-40	•	GND
J19-16		n/c		J19-41	J85-38	9.6D_GOUT_CH19
J19-17		n/c		J19-42	J85-37	9.6D_GGND_CH19
J19-18		n/c		J19-43	J98-38	9.6C_GOUT_CH19
J19-19		n/c		J19-44	J98-37	9.6C_GGND_CH19
J19-20		n/c		J19-45	•	n/c
J19-21		n/c		J19-46	•	n/c
J19-22		n/c		J19-47	•	n/c
J19-23		n/c		J19-48	•	n/c
J19-24	•	GND		J19-49	J4-49 J9-49 J14-49 J24-49 J78-46	SEL_2_OUT_D
J19-25		n/c		J19-50	•	GND

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J20-1		n/c		J20-26	•	GND
J20-2		n/c		J20-27	•	n/c
J20-3		n/c		J20-28	•	GND
J20-4		n/c		J20-29	J26-40	VRXD_CH20
J20-5		n/c		J20-30	•	GND
J20-6		n/c		J20-31	•	n/c
J20-7		n/c		J20-32	•	GND
J20-8		n/c		J20-33	•	n/c
J20-9		n/c		J20-34	•	GND
J20-10	•	GND		J20-35	•	n/c
J20-11	J80-20	PTT_OUT_CH20		J20-36	J69-20	150D_GOUT_CH20
J20-12	•	PTT_OUT_RTN		J20-37	•	n/c
J20-13	J80-45	A-D_OUT_CH20		J20-38	•	GND
J20-14	•	A-D_OUT_RTN		J20-39	•	n/c
J20-15		n/c		J20-40	•	GND
J20-16		n/c		J20-41	J85-40	9.6D_GOUT_CH20
J20-17		n/c		J20-42	J85-39	9.6D_GGND_CH20
J20-18		n/c		J20-43	J98-40	9.6C_GOUT_CH20
J20-19		n/c		J20-44	J98-39	9.6C_GGND_CH20
J20-20		n/c		J20-45	•	n/c
J20-21		n/c		J20-46	•	n/c
J20-22		n/c		J20-47	•	n/c
J20-23		n/c		J20-48	•	n/c
J20-24	•	GND		J20-49	J5-49 J10-49 J15-49 J78-47	SEL_2_OUT_E
J20-25		n/c		J20-50	•	GND

DIGITAL CROSS CONNECT-J21 & J22 — 1911-ROA 117 2225 SH.11 REV. A

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J21-1		n/c		J21-26	•	GND
J21-2		n/c		J21-27	•	n/c
J21-3		n/c		J21-28	•	GND
J21-4		n/c		J21-29	J26-42	VRXD_CH21
J21-5		n/c		J21-30	•	GND
J21-6		n/c		J21-31	•	n/c
J21-7		n/c		J21-32	•	GND
J21-8		n/c		J21-33	•	n/c
J21-9		n/c		J21-34	•	GND
J21-10	•	GND		J21-35	•	n/c
J21-11	J80-21	PTT_OUT_CH21		J21-36	J69-21	150D_GOUT_CH21
J21-12	•	PTT_OUT_RTN		J21-37	•	n/c
J21-13	J80-46	A-D_OUT_CH21		J21-38	•	GND
J21-14	•	A-D_OUT_RTN		J21-39	•	n/c
J21-15		n/c		J21-40	•	GND
J21-16		n/c		J21-41	J85-42	9.6D_GOUT_CH21
J21-17		n/c		J21-42	J85-41	9.6D_GGND_CH21
J21-18		n/c		J21-43	J98-42	9.6C_GOUT_CH21
J21-19		n/c		J21-44	J98-41	9.6C_GGND_CH21
J21-20		n/c		J21-45	•	n/c
J21-21		n/c		J21-46	•	n/c
J21-22		n/c		J21-47	•	n/c
J21-23		n/c		J21-48	•	n/c
J21-24	•	GND		J21-49	J1-49 J6-49 J11-49 J16-49 J78-43	SEL_2_OUT_A
J21-25		n/c		J21-50	•	GND

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J22-1		n/c		J22-26	•	GND
J22-2		n/c		J22-27	•	n/c
J22-3		n/c		J22-28	•	GND
J22-4		n/c		J22-29	J26-44	VRXD_CH22
J22-5		n/c		J22-30	•	GND
J22-6		n/c		J22-31	•	n/c
J22-7		n/c		J22-32	•	GND
J22-8		n/c		J22-33	•	n/c
J22-9		n/c		J22-34	•	GND
J22-10	•	GND		J22-35	•	n/c
J22-11	J80-22	PTT_OUT_CH22		J22-36	J69-22	150D_GOUT_CH22
J22-12	•	PTT_OUT_RTN		J22-37	•	n/c
J22-13	J80-47	A-D_OUT_CH22		J22-38	•	GND
J22-14	•	A-D_OUT_RTN		J22-39	•	n/c
J22-15		n/c		J22-40	•	GND
J22-16		n/c		J22-41	J85-44	9.6D_GOUT_CH22
J22-17		n/c		J22-42	J85-43	9.6D_GGND_CH22
J22-18		n/c		J22-43	J98-44	9.6C_GOUT_CH22
J22-19		n/c		J22-44	J98-43	9.6C_GGND_CH22
J22-20		n/c		J22-45	•	n/c
J22-21		n/c		J22-46	•	n/c
J22-22		n/c		J22-47	•	n/c
J22-23		n/c		J22-48	•	n/c
J22-24	•	GND		J22-49	J2-49 J7-49 J12-49 J17-49 J78-44	SEL_2_OUT_B
J22-25		n/c		J22-50	•	GND

DIGITAL CROSS CONNECT-J23 & J24 — 1911-ROA 117 2225 SH.12 REV. A

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J23-1		n/c		J23-26	•	GND
J23-2		n/c		J23-27	•	n/c
J23-3		n/c		J23-28	•	GND
J23-4		n/c		J23-29	J26-46	VRXD_CH23
J23-5		n/c		J23-30	•	GND
J23-6		n/c		J23-31	•	n/c
J23-7		n/c		J23-32	•	GND
J23-8		n/c		J23-33	•	n/c
J23-9		n/c		J23-34	•	GND
J23-10	•	GND		J23-35	•	n/c
J23-11	J80-23	PTT_OUT_CH23		J23-36	J69-23	150D_GOUT_CH23
J23-12	•	PTT_OUT_RTN		J23-37	•	n/c
J23-13	J80-48	A-D_OUT_CH23		J23-38	•	GND
J23-14	•	A-D_OUT_RTN		J23-39	•	n/c
J23-15		n/c		J23-40	•	GND
J23-16		n/c		J23-41	J85-46	9.6D_GOUT_CH23
J23-17		n/c		J23-42	J85-45	9.6D_GGND_CH23
J23-18		n/c		J23-43	J98-46	9.6C_GOUT_CH23
J23-19		n/c		J23-44	J98-45	9.6C_GGND_CH23
J23-20		n/c		J23-45	•	n/c
J23-21		n/c		J23-46	•	n/c
J23-22		n/c		J23-47	•	n/c
J23-23		n/c		J23-48	•	n/c
J23-24	•	GND		J23-49	J3-49 J8-49 J13-49 J18-49 J78-45	SEL_2_OUT_C
J23-25		n/c		J23-50	•	GND

FROM	TO	FUNCTION		FROM	TO	FUNCTION
J24-1		n/c		J24-26	•	GND
J24-2		n/c		J24-27	•	n/c
J24-3		n/c		J24-28	•	GND
J24-4		n/c		J24-29	J26-48	VRXD_CH24
J24-5		n/c		J24-30	•	GND
J24-6		n/c		J24-31	•	n/c
J24-7		n/c		J24-32	•	GND
J24-8		n/c		J24-33	•	n/c
J24-9		n/c		J24-34	•	GND
J24-10	•	GND		J24-35	•	n/c
J24-11	J80-24	PTT_OUT_CH24		J24-36	J69-24	150D_GOUT_CH24
J24-12	•	PTT_OUT_RTN		J24-37	•	n/c
J24-13	J80-49	A-D_OUT_CH24		J24-38	•	GND
J24-14	•	A-D_OUT_RTN		J24-39	•	n/c
J24-15		n/c		J24-40	•	GND
J24-16		n/c		J24-41	J85-48	9.6D_GOUT_CH24
J24-17		n/c		J24-42	J85-47	9.6D_GGND_CH24
J24-18		n/c		J24-43	J98-48	9.6C_GOUT_CH24
J24-19		n/c		J24-44	J98-47	9.6C_GGND_CH24
J24-20		n/c		J24-45	•	n/c
J24-21		n/c		J24-46	•	n/c
J24-22		n/c		J24-47	•	n/c
J24-23		n/c		J24-48	•	n/c
J24-24	•	GND		J24-49	J4-49 J9-49 J14-49 J19-49 J78-46	SEL_2_OUT_D
J24-25		n/c				

DIGITAL CROSS CONNECT-J25 & J26

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J25-1	•	GND	J25-21		n/c	J26-1	•	GND	J26-26	J13-29	VRXD_CH13
J25-2	J29-24 J71-7	USCLKOUT01C	J25-22		n/c	J26-2	J1-29	VRXD_CH01	J26-27	•	GND
J25-3	•	GND	J25-23		n/c	J26-3	•	GND	J26-28	J14-29	VRXD_CH14
J25-4	J32-24 J71-19	USCLKOUT02C	J25-24		n/c	J26-4	J2-29	VRXD_CH02	J26-29	•	GND
J25-5	•	GND	J25-25		n/c	J26-5	•	GND	J26-30	J15-29	VRXD_CH15
J25-6	J35-24 J71-31	USCLKOUT03C	J25-26		n/c	J26-6	J3-29	VRXD_CH03	J26-31	•	GND
J25-7	•	GND	J25-27		n/c	J26-7	•	GND	J26-32	J16-29	VRXD_CH16
J25-8	J38-24 J71-43	USCLKOUT04C	J25-28		n/c	J26-8	J4-29	VRXD_CH04	J26-33	•	GND
J25-9	•	GND	J25-29		n/c	J26-9	•	GND	J26-34	J17-29	VRXD_CH17
J25-10	J41-24 J72-07	USCLKOUT05C	J25-30		n/c	J26-10	J5-29	VRXD_CH05	J26-35	•	GND
J25-11	•	GND	J25-31		n/c	J26-11	•	GND	J26-36	J18-29	VRXD_CH18
J25-12	J44-24 J72-19	USCLKOUT06C	J25-32		n/c	J26-12	J6-29	VRXD_CH06	J26-37	•	GND
J25-13	•	GND	J25-33		n/c	J26-13	•	GND	J26-38	J19-29	VRXD_CH19
J25-14	J47-24 J72-31	USCLKOUT07C	J25-34		n/c	J26-14	J7-29	VRXD_CH07	J26-39	•	GND
J25-15	•	GND	J25-35		n/c	J26-15	•	GND	J26-40	J20-29	VRXD_CH20
J25-16	J50-24 J72-43	USCLKOUT08C	J25-36		n/c	J26-16	J8-29	VRXD_CH08	J26-41	•	GND
J25-17	•	GND	J25-37		n/c	J26-17	•	GND	J26-42	J21-29	VRXD_CH21
J25-18	J53-24 J73-07	USCLKOUT09C	J25-38		n/c	J26-18	J9-29	VRXD_CH09	J26-43	•	GND
J25-19	•	GND	J25-39		n/c	J26-19	•	GND	J26-44	J22-29	VRXD_CH22
J25-20	J56-24 J73-19	USCLKOUT10C	J25-40		n/c	J26-20	J10-29	VRXD_CH10	J26-45	•	GND
			J25-41		n/c	J26-21	•	GND	J26-46	J23-29	VRXD_CH23
			J25-42		n/c	J26-22	J11-29	VRXD_CH11	J26-47	•	GND
			J25-43		n/c	J26-23	•	GND	J26-48	J24-29	VRXD_CH24
			J25-44		n/c	J26-24	J12-29	VRXD_CH12	J26-49		n/c
			J25-45		n/c	J26-25	•	GND	J26-50		n/c
			J25-46		n/c						
			J25-47		n/c						
			J25-48		n/c						
			J25-49		n/c						
			J25-50		n/c						

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DIGITAL CROSS CONNECT-J28

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J28-1	•	GND	J28-17	•	GND	J28-25	J88-8 J88-16	DCLKD02	J28-29	•	GND
J28-2	J31-2 J34-2 J71-10	USDATOUT01B	J28-18	J31-18 J34-18 J73-10	USDATOUT09B	J28-26	J88-6 J88-14	DCLKC02	J28-30	J79-17	300HZ_DOUT_S02
J28-3	•	GND	J28-19	J84-2 J38-19 J48-19	BSEL_02D	J28-27	J88-4 J88-12 J88-20	DCLKB02	J28-31	•	GND
J28-4	J31-4 J34-4 J71-22	USDATOUT02B	J28-20	J31-20 J34-20 J73-22	USDATOUT10B	J28-28	J82-6 J88-2 J88-10 J88-18	DCLKA02	J28-32	J58-20	DDATA_S02_CH10
J28-5	•	GND	J28-21	•	GND				J28-33	•	GND
J28-6	J31-6 J34-6 J71-34	USDATOUT03B	J28-22	J79-6	300HZ_OUT_S02				J28-34	J58-18	DDATA_S02_CH09
J28-7	•	GND	J28-23	•	GND				J28-35	•	GND
J28-8	J31-8 J34-8 J71-46	USDATOUT04B	J28-24	J71-6	USCLKOUT01B				J28-36	J58-16	DDATA_S02_CH08
J28-9	•	GND							J28-37	•	GND
J28-10	J31-10 J34-10 J72-10	USDATOUT05B							J28-38	J58-14	DDATA_S02_CH07
J28-11	•	GND							J28-39	•	GND
J28-12	J31-12 J34-12 J72-22	USDATOUT06B							J28-40	J58-12	DDATA_S02_CH06
J28-13	•	GND							J28-41	•	GND
J28-14	J31-14 J34-14 J72-34	USDATOUT07B							J28-42	J58-10	DDATA_S02_CH05
J28-15	•	GND							J28-43	•	GND
J28-16	J31-16 J34-16 J72-46	USDATOUT08B							J28-44	J58-8	DDATA_S02_CH04
									J28-45	•	GND
									J28-46	J58-6	DDATA_S02_CH03
									J28-47	•	GND
									J28-48	J58-4	DDATA_S02_CH02
									J28-49	•	GND
									J28-50	J58-2	DDATA_S02_CH01

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DIGITAL CROSS CONNECT-J27

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J27-1	•	GND	J27-17	•	GND	J27-25	J87-8 J87-16	DCLKD01	J27-29	•	GND
J27-2	J30-2 J33-2 J71-9	USDATOUT01A	J27-18	J30-18 J33-18 J73-9	USDATOUT09A	J27-26	J87-6 J87-14	DCLKC01	J27-30	J79-15	300HZ_DOUT_S01
J27-3	•	GND	J27-19	J84-1 J37-19 J47-19	BSEL_01D	J27-27	J87-4 J87-12 J87-20	DCLKB01	J27-31	•	GND
J27-4	J30-4 J33-4 J71-21	USDATOUT02A	J27-20	J30-20 J33-20 J73-21	USDATOUT10A	J27-28	J82-1 J87-2 J87-10 J87-18	DCLKA01	J27-32	J57-20	DDATA_S01_CH10
J27-5	•	GND	J27-21	•	GND				J27-33	•	GND
J27-6	J30-6 J33-6 J71-33	USDATOUT03A	J27-22	J79-5	300HZ_OUT_S01				J27-34	J57-18	DDATA_S01_CH09
J27-7	•	GND	J27-23	•	GND				J27-35	•	GND
J27-8	J30-8 J33-8 J71-45	USDATOUT04A	J27-24	J71-5	USCLKOUT01A				J27-36	J57-16	DDATA_S01_CH08
J27-9	•	GND							J27-37	•	GND
J27-10	J30-10 J33-10 J72-09	USDATOUT05A							J27-38	J57-14	DDATA_S01_CH07
J27-11	•	GND							J27-39	•	GND
J27-12	J30-12 J33-12 J72-21	USDATOUT06A							J27-40	J57-12	DDATA_S01_CH06
J27-13	•	GND							J27-41	•	GND
J27-14	J30-14 J33-14 J72-33	USDATOUT07A							J27-42	J57-10	DDATA_S01_CH05
J27-15	•	GND							J27-43	•	GND
J27-16	J30-16 J33-16 J72-45	USDATOUT08A							J27-44	J57-8	DDATA_S01_CH04
									J27-45	•	GND
									J27-46	J57-6	DDATA_S01_CH03
									J27-47	•	GND
									J27-48	J57-4	DDATA_S01_CH02
									J27-49	•	GND
									J27-50	J57-2	DDATA_S01_CH01

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DIGITAL CROSS CONNECT-J29

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J29-1	•	GND	J29-17	•	GND	J29-25	J89-8 J89-16	DCLKD03	J29-29	•	GND
J29-2	J32-2 J35-2 J71-11	USDATOUT01C	J29-18	J32-18 J35-18 J73-11	USDATOUT09C	J29-26	J89-6 J89-14	DCLKC03	J29-30	J79-19	300HZ_DOUT_S03
J29-3	•	GND	J29-19	J84-3 J39-19 J49-19	BSEL_03D	J29-27	J89-4 J89-12 J89-20	DCLKB03	J29-31	•	GND
J29-4	J32-4 J35-4 J71-23	USDATOUT02C	J29-20	J32-20 J35-20 J73-23	USDATOUT10C	J29-28	J82-5 J89-2 J89-10 J89-18	DCLKA03	J29-32	J59-20	DDATA_S03_CH10
J29-5	•	GND	J29-21	•	GND				J29-33	•	GND
J29-6	J32-6 J35-6 J71-35	USDATOUT03C	J29-22	J79-7	300HZ_OUT_S03				J29-34	J59-18	DDATA_S03_CH09
J29-7	•	GND	J29-23	•	GND				J29-35	•	GND
J29-8	J32-8 J35-8 J71-47	USDATOUT04C	J29-24	J71-7 J25-2	USCLKOUT01C				J29-36	J59-16	DDATA_S03_CH08
J29-9	•	GND							J29-37	•	GND
J29-10	J32-10 J35-10 J72-11	USDATOUT05C							J29-38	J59-14	DDATA_S03_CH07
J29-11	•	GND							J29-39	•	GND
J29-12	J32-12 J35-12 J72-23	USDATOUT06C							J29-40	J58-12	DDATA_S03_CH06
J29-13	•	GND							J29-41	•	GND
J29-14	J32-14 J35-14 J72-35	USDATOUT07C							J29-42	J59-10	DDATA_S03_CH05
J29-15	•	GND							J29-43	•	GND
J29-16	J32-16 J35-16 J72-47	USDATOUT08C							J29-44	J59-8	DDATA_S03_CH04
									J29-45	•	GND
									J29-46	J59-6	DDATA_S03_CH03
									J29-47	•	GND
									J29-48	J59-4	DDATA_S03_CH02
									J29-49	•	GND
									J29-50	J59-2	DDATA_S03_CH01

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DIGITAL CROSS CONNECT-J30 — 1911-ROA 117 2225 SH.17 REV. A

FROM	TO	FUNCTION
J30-1	•	GND
J30-2	J27-2	USDATOUT01A
	J33-2	
	J71-9	
J30-3	•	GND
J30-4	J27-4	USDATOUT02A
	J33-4	
	J71-21	
J30-5	•	GND
J30-6	J27-6	USDATOUT03A
	J33-6	
	J71-33	
J30-7	•	GND
J30-8	J27-8	USDATOUT04A
	J33-8	
	J71-45	
J30-9	•	GND
J30-10	J27-10	USDATOUT05A
	J33-10	
	J72-9	
J30-11	•	GND
J30-12	J27-12	USDATOUT06A
	J33-12	
	J72-21	
J30-13	•	GND
J30-14	J27-14	USDATOUT07A
	J33-14	
	J72-33	
J30-15	•	GND
J30-16	J27-16	USDATOUT08A
	J33-16	
	J72-45	
J30-17	•	GND
J30-18	J27-18	USDATOUT09A
	J33-18	
	J73-9	
J30-19	J84-4	BSEL_04D
	J40-19	
	J50-19	
J30-20	J27-20	USDATOUT10A
	J33-20	
	J73-21	
J30-21	•	GND
J30-22	J79-8	300HZ_OUT_S04
J30-23	•	GND
J30-24	J71-17	USCLKOUT02A
J30-25	J90-8	DCLKD04
	J90-16	
J30-26	J90-6	DCLKC04
	J90-14	
J30-27	J90-4	DCLKB04
	J90-12	
J30-28	J82-7	DCLKA04
	J90-2	
	J90-10	
	J90-18	
J30-29	•	GND
J30-30	J79-21	300HZ_DOUT_S04
J30-31	•	GND
J30-32	J60-20	DDATA_S04_CH10
J30-33	•	GND
J30-34	J60-18	DDATA_S04_CH09
J30-35	•	GND
J30-36	J60-16	DDATA_S04_CH08
J30-37	•	GND
J30-38	J60-14	DDATA_S04_CH07
J30-39	•	GND
J30-40	J60-12	DDATA_S04_CH06
J30-41	•	GND
J30-42	J60-10	DDATA_S04_CH05
J30-43	•	GND
J30-44	J60-8	DDATA_S04_CH04
J30-45	•	GND
J30-46	J60-6	DDATA_S04_CH03
J30-47	•	GND
J30-48	J60-4	DDATA_S04_CH02
J30-49	•	GND
J30-50	J60-2	DDATA_S04_CH01

DIGITAL CROSS CONNECT-J32 — 1911-ROA 117 2225 SH.19 REV. A

FROM	TO	FUNCTION
J32-1	•	GND
J32-2	J29-2	USDATOUT01C
	J35-2	
	J71-11	
J32-3	•	GND
J32-4	J29-4	USDATOUT02C
	J35-4	
	J71-23	
J32-5	•	GND
J32-6	J29-6	USDATOUT03C
	J35-6	
	J71-35	
J32-7	•	GND
J32-8	J29-8	USDATOUT04C
	J35-8	
	J71-47	
J32-9	•	GND
J32-10	J29-10	USDATOUT05C
	J35-10	
	J72-11	
J32-11	•	GND
J32-12	J29-12	USDATOUT06C
	J35-12	
	J72-23	
J32-13	•	GND
J32-14	J29-14	USDATOUT07C
	J35-14	
	J72-35	
J32-15	•	GND
J32-16	J29-16	USDATOUT08C
	J35-16	
	J72-47	
J32-17	•	GND
J32-18	J29-18	USDATOUT09C
	J35-18	
	J73-11	
J32-19	J84-6	BSEL_06D
	J42-19	
	J52-19	
J32-20	J29-20	USDATOUT10C
	J35-20	
	J73-23	
J32-21	•	GND
J32-22	J79-10	300HZ_OUT_S06
J32-23	•	GND
J32-24	J71-19	USCLKOUT02C
	J25-4	
J32-25	J92-8	DCLKD06
	J92-16	
J32-26	J92-6	DCLKC06
	J92-14	
J32-27	J92-4	DCLKB06
	J92-12	
J32-28	J82-11	DCLKA06
	J92-2	
	J92-10	
	J92-18	
J32-29	•	GND
J32-30	J79-25	300HZ_DOUT_S06
J32-31	•	GND
J32-32	J62-20	DDATA_S06_CH10
J32-33	•	GND
J32-34	J62-18	DDATA_S06_CH09
J32-35	•	GND
J32-36	J62-16	DDATA_S06_CH08
J32-37	•	GND
J32-38	J62-14	DDATA_S06_CH07
J32-39	•	GND
J32-40	J62-12	DDATA_S06_CH06
J32-41	•	GND
J32-42	J62-10	DDATA_S06_CH05
J32-43	•	GND
J32-44	J62-8	DDATA_S06_CH04
J32-45	•	GND
J32-46	J62-6	DDATA_S06_CH03
J32-47	•	GND
J32-48	J62-4	DDATA_S06_CH02
J32-49	•	GND
J32-50	J62-2	DDATA_S06_CH01

DIGITAL CROSS CONNECT-J31 — 1911-ROA 117 2225 SH.18 REV. A

FROM	TO	FUNCTION
J31-1	•	GND
J31-2	J28-2	USDATOUT01B
	J34-2	
	J71-10	
J31-3	•	GND
J31-4	J28-4	USDATOUT02B
	J34-4	
	J71-22	
J31-5	•	GND
J31-6	J28-6	USDATOUT03B
	J34-6	
	J71-34	
J31-7	•	GND
J31-8	J28-8	USDATOUT04B
	J34-8	
	J71-46	
J31-9	•	GND
J31-10	J28-10	USDATOUT05B
	J34-10	
	J72-10	
J31-11	•	GND
J31-12	J28-12	USDATOUT06B
	J34-12	
	J72-22	
J31-13	•	GND
J31-14	J28-14	USDATOUT07B
	J34-14	
	J72-34	
J31-15	•	GND
J31-16	J28-16	USDATOUT08B
	J34-16	
	J72-46	
J31-17	•	GND
J31-18	J28-18	USDATOUT09B
	J34-18	
	J73-10	
J31-19	J84-5	BSEL_05D
	J41-19	
	J51-19	
J31-20	J28-20	USDATOUT10B
	J34-20	
	J73-22	
J31-21	•	GND
J31-22	J79-9	300HZ_OUT_S05
J31-23	•	GND
J31-24	J71-18	USCLKOUT02B
J31-25	J91-8	DCLKD05
	J91-16	
J31-26	J91-6	DCLKC05
	J91-14	
J31-27	J91-4	DCLKB05
	J91-12	
J31-28	J82-9	DCLKA05
	J91-2	
	J91-10	
	J91-18	
J31-29	•	GND
J31-30	J79-23	300HZ_DOUT_S05
J31-31	•	GND
J31-32	J61-20	DDATA_S05_CH10
J31-33	•	GND
J31-34	J61-18	DDATA_S05_CH09
J31-35	•	GND
J31-36	J61-16	DDATA_S05_CH08
J31-37	•	GND
J31-38	J61-14	DDATA_S05_CH07
J31-39	•	GND
J31-40	J61-12	DDATA_S05_CH06
J31-41	•	GND
J31-42	J61-10	DDATA_S05_CH05
J31-43	•	GND
J31-44	J61-8	DDATA_S05_CH04
J31-45	•	GND
J31-46	J61-6	DDATA_S05_CH03
J31-47	•	GND
J31-48	J61-4	DDATA_S05_CH02
J31-49	•	GND
J31-50	J61-2	DDATA_S05_CH01

DIGITAL CROSS CONNECT-J33 — 1911-ROA 117 2225 SH.20 REV. A

FROM	TO	FUNCTION
J33-1	•	GND
J33-2	J27-2	USDATOUT01A
	J30-2	
	J71-9	
J33-3	•	GND
J33-4	J27-4	USDATOUT02A
	J30-4	
	J71-21	
J33-5	•	GND
J33-6	J27-6	USDATOUT03A
	J30-6	
	J71-33	
J33-7	•	GND
J33-8	J27-8	USDATOUT04A
	J30-8	
	J71-45	
J33-9	•	GND
J33-10	J27-10	USDATOUT05A
	J30-10	
	J72-9	
J33-11	•	GND
J33-12	J27-12	USDATOUT06A
	J30-12	
	J72-21	
J33-13	•	GND
J33-14	J27-14	USDATOUT07A
	J30-14	
	J72-33	
J33-15	•	GND
J33-16	J27-16	USDATOUT08A
	J30-16	
	J72-45	
J33-17	•	GND
J33-18	J27-18	USDATOUT09A
	J30-18	
	J73-9	
J33-19	J84-7	BSEL_07D
	J43-19	
	J53-19	
J33-20	J27-20	USDATOUT10A
	J30-20	
	J73-21	
J33-21	•	GND
J33-22	J79-11	300HZ_OUT_S07
J33-23	•	GND
J33-24	J71-29	USCLKOUT03A
J33-25	J93-8	DCLKD07
	J93-16	
J33-26	J93-6	DCLKC07
	J93-14	
J33-27	J93-4	DCLKB07
	J93-12	
J33-28	J82-13	DCLKA07
	J93-2	
	J93-10	
	J93-18	
J33-29	•	GND
J33-30	J79-27	300HZ_DOUT_S07
J33-31	•	GND
J33-32	J63-20	DDATA_S07_CH10
J33-33	•	GND
J33-34	J63-18	DDATA_S07_CH09
J33-35	•	GND
J33-36	J63-16	DDATA_S07_CH08
J33-37	•	GND
J33-38	J63-14	DDATA_S07_CH07
J33-39	•	GND
J33-40	J63-12	DDATA_S07_CH06
J33-41	•	GND
J33-42	J63-10	DDATA_S07_CH05
J33-43	•	GND
J33-44	J63-8	DDATA_S07_CH04
J33-45	•	GND
J33-46	J63-6	DDATA_S07_CH03
J33-47	•	GND
J33-48	J63-4	DDATA_S07_CH02
J33-49	•	GND
J33-50	J63-2	DDATA_S07_CH01

DIGITAL CROSS CONNECT-J34

FROM	TO	FUNCTION
J34-1	•	GND
J34-2	J28-2	USDATOUT01B
	J31-2	
	J71-10	
J34-3	•	GND
J34-4	J28-4	USDATOUT02B
	J31-4	
	J71-22	
J34-5	•	GND
J34-6	J28-6	USDATOUT03B
	J31-6	
	J71-34	
J34-7	•	GND
J34-8	J28-8	USDATOUT04B
	J31-8	
	J71-46	
J34-9	•	GND
J34-10	J28-10	USDATOUT05B
	J31-10	
	J72-10	
J34-11	•	GND
J34-12	J28-12	USDATOUT06B
	J31-12	
	J72-22	
J34-13	•	GND
J34-14	J28-14	USDATOUT07B
	J31-14	
	J72-34	
J34-15	•	GND
J34-16	J28-16	USDATOUT08B
	J31-16	
	J72-46	
J34-17	•	GND
J34-18	J28-18	USDATOUT09B
	J31-18	
	J73-10	
J34-19	J84-8	BSEL_08D
	J44-19	
	J54-19	
J34-20	J28-20	USDATOUT10B
	J31-20	
	J73-22	
J34-21	•	GND
J34-22	J79-12	300HZ_OUT_S08
J34-23	•	GND
J34-24	J71-30	USCLKOUT03B
J34-25	J94-8	DCLKD08
	J94-16	
J34-26	J94-6	DCLKC08
	J94-14	
J34-27	J94-4	DCLKB08
	J94-12	
	J94-20	
J34-28	J82-15	DCLKA08
	J94-2	
	J94-10	
	J94-18	
J34-29	•	GND
J34-30	J79-29	300HZ_DOUT_S08
J34-31	•	GND
J34-32	J64-20	DDATA_S08_CH10
J34-33	•	GND
J34-34	J64-18	DDATA_S08_CH09
J34-35	•	GND
J34-36	J64-16	DDATA_S08_CH08
J34-37	•	GND
J34-38	J64-14	DDATA_S08_CH07
J34-39	•	GND
J34-40	J64-12	DDATA_S08_CH06
J34-41	•	GND
J34-42	J64-10	DDATA_S08_CH05
J34-43	•	GND
J34-44	J64-8	DDATA_S08_CH04
J34-45	•	GND
J34-46	J64-6	DDATA_S08_CH03
J34-47	•	GND
J34-48	J64-4	DDATA_S08_CH02
J34-49	•	GND
J34-50	J64-2	DDATA_S08_CH01

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DIGITAL CROSS CONNECT-J36

FROM	TO	FUNCTION
J36-1	•	GND
J36-2	J77-2	USDATOUT01D
	J71-12	
J36-3	•	GND
J36-4	J77-4	USDATOUT02D
	J71-24	
J36-5	•	GND
J36-6	J77-6	USDATOUT03D
	J71-36	
J36-7	•	GND
J36-8	J77-8	USDATOUT04D
	J71-48	
J36-9	•	GND
J36-10	J77-10	USDATOUT05D
	J72-12	
J36-11	•	GND
J36-12	J77-12	USDATOUT06D
	J72-24	
J36-13	•	GND
J36-14	J77-14	USDATOUT07D
	J72-36	
J36-15	•	GND
J36-16	J77-16	USDATOUT08D
	J72-48	
J36-17	•	GND
J36-18	J77-18	USDATOUT09D
	J73-12	
J36-19	J84-10	BSEL_10D
	J46-19	
	J56-19	
J36-20	J77-20	USDATOUT10D
	J73-24	
J36-21	•	GND
J36-22	J79-14	300HZ_OUT_S10
J36-23	•	GND
J36-24	J71-41	USCLKOUT04A
J36-25	J96-8	DCLKD10
	J96-16	
J36-26	J96-6	DCLKC10
	J96-14	
J36-27	J96-4	DCLKB10
	J96-12	
	J96-20	
J36-28	J82-19	DCLKA10
	J96-2	
	J96-10	
	J96-18	
J36-29	•	GND
J36-30	J79-33	300HZ_DOUT_S10
J36-31	•	GND
J36-32	J66-20	DDATA_S10_CH10
J36-33	•	GND
J36-34	J66-18	DDATA_S10_CH09
J36-35	•	GND
J36-36	J66-16	DDATA_S10_CH08
J36-37	•	GND
J36-38	J66-14	DDATA_S10_CH07
J36-39	•	GND
J36-40	J66-12	DDATA_S10_CH06
J36-41	•	GND
J36-42	J66-10	DDATA_S10_CH05
J36-43	•	GND
J36-44	J66-8	DDATA_S10_CH04
J36-45	•	GND
J36-46	J66-6	DDATA_S10_CH03
J36-47	•	GND
J36-48	J66-4	DDATA_S10_CH02
J36-49	•	GND
J36-50	J66-2	DDATA_S10_CH01

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DIGITAL CROSS CONNECT-J35

FROM	TO	FUNCTION
J35-1	•	GND
J35-2	J29-2	USDATOUT01C
	J32-2	
	J71-11	
J35-3	•	GND
J35-4	J29-4	USDATOUT02C
	J32-4	
	J71-23	
J35-5	•	GND
J35-6	J29-6	USDATOUT03C
	J32-6	
	J71-35	
J35-7	•	GND
J35-8	J29-8	USDATOUT04C
	J32-8	
	J71-47	
J35-9	•	GND
J35-10	J29-10	USDATOUT05C
	J32-10	
	J72-11	
J35-11	•	GND
J35-12	J29-12	USDATOUT06C
	J32-12	
	J72-23	
J35-13	•	GND
J35-14	J29-14	USDATOUT07C
	J32-14	
	J72-35	
J35-15	•	GND
J35-16	J29-16	USDATOUT08C
	J32-16	
	J72-47	
J35-17	•	GND
J35-18	J29-18	USDATOUT09C
	J32-18	
	J73-11	
J35-19	J84-9	BSEL_09D
	J45-19	
	J55-19	
J35-20	J29-20	USDATOUT10C
	J32-20	
	J73-23	
J35-21	•	GND
J35-22	J79-13	300HZ_OUT_S09
J35-23	•	GND
J35-24	J71-31	USCLKOUT03C
	J25-6	
J35-25	J95-8	DCLKD09
	J95-16	
J35-26	J95-6	DCLKC09
	J95-14	
J35-27	J95-4	DCLKB09
	J95-12	
	J95-20	
J35-28	J82-17	DCLKA09
	J95-2	
	J95-10	
	J95-18	
J35-29	•	GND
J35-30	J79-31	300HZ_DOUT_S09
J35-31	•	GND
J35-32	J65-20	DDATA_S09_CH10
J35-33	•	GND
J35-34	J65-18	DDATA_S09_CH09
J35-35	•	GND
J35-36	J65-16	DDATA_S09_CH08
J35-37	•	GND
J35-38	J65-14	DDATA_S09_CH07
J35-39	•	GND
J35-40	J65-12	DDATA_S09_CH06
J35-41	•	GND
J35-42	J65-10	DDATA_S09_CH05
J35-43	•	GND
J35-44	J65-8	DDATA_S09_CH04
J35-45	•	GND
J35-46	J65-6	DDATA_S09_CH03
J35-47	•	GND
J35-48	J65-4	DDATA_S09_CH02
J35-49	•	GND
J35-50	J65-2	DDATA_S09_CH01

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DIGITAL CROSS CONNECT-J37

FROM	TO	FUNCTION
J37-1	•	GND
J37-2	J40-2	USDATOUT11A
	J43-2	
	J73-33	
J37-3	•	GND
J37-4	J40-4	USDATOUT12A
	J43-4	
	J73-45	
J37-5	•	GND
J37-6	J40-6	USDATOUT13A
	J43-6	
	J74-09	
J37-7	•	GND
J37-8	J40-8	USDATOUT14A
	J43-8	
	J74-21	
J37-9	•	GND
J37-10	J40-10	USDATOUT15A
	J43-10	
	J74-33	
J37-11	•	GND
J37-12	J40-12	USDATOUT16A
	J43-12	
	J74-45	
J37-13	•	GND
J37-14	J40-14	USDATOUT17A
	J43-14	
	J75-09	
J37-15	•	GND
J37-16	J40-16	USDATOUT18A
	J43-16	
	J75-21	
J37-17	•	GND
J37-18	J40-18	USDATOUT19A
	J43-18	
	J75-33	
J37-19	J84-1	BSEL_01D
	J27-19	
	J47-19	
J37-20	J40-20	USDATOUT20A
	J43-20	
	J75-45	
J37-21	•	GND
J37-22	•	n/c
J37-23	•	GND
J37-24	J71-42	USCLKOUT04B
J37-25	J87-28	DCLKDD01
	J87-36	
J37-26	J87-26	DCLKCC01
	J87-34	
J37-27	J87-24	DCLKBB01
	J87-32	
	J87-40	
J37-28	J87-22	DCLKAA01
	J87-30	
	J87-38	
J37-29	•	GND
J37-30	•	n/c
J37-31	•	GND
J37-32	J57-40	DDATA_S01_CH20
J37-33	•	GND
J37-34	J57-38	DDATA_S01_CH19
J37-35	•	GND
J37-36	J57-36	DDATA_S01_CH18
J37-37	•	GND
J37-38	J57-34	DDATA_S01_CH17
J37-39	•	GND
J37-40	J57-32	DDATA_S01_CH16
J37-41	•	GND
J37-42	J57-30	DDATA_S01_CH15
J37-43	•	GND
J37-44	J57-28	DDATA_S01_CH14
J37-45	•	GND
J37-46	J57-26	DDATA_S01_CH13
J37-47	•	GND
J37-48	J57-24	DDATA_S01_CH12
J37-49	•	GND
J37-50	J57-22	DDATA_S01_CH11

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DIGITAL CROSS CONNECT-J38

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J38-1-1	•	GND	J38-17-17	•	GND	J38-25-25	J88-28	DCLKDD02	J38-29-29	•	GND
J38-2-2	J41-2	USDATOUT11B	J38-18-18	J41-18	USDATOUT19B		J88-36		J38-30-30	•	n/c
	J44-2			J44-18		J38-26-26	J88-26	DCLKCC02	J38-31-31	•	GND
	J73-34			J75-34			J88-34		J38-32-32	J58-40	DDATA_S02_CH20
J38-3-3	•	GND	J38-19-19	J84-2	BSEL_02D	J38-27-27	J88-24	DCLKBB02	J38-33-33	•	GND
J38-4-4	J41-4	USDATOUT12B		J28-19			J88-32		J38-34-34	J58-38	DDATA_S02_CH19
	J44-4			J48-19			J88-40		J38-35-35	•	GND
	J73-46		J38-20-20	J41-20	USDATOUT20B	J38-28-28	J88-22	DCLKAA02	J38-36-36	J58-36	DDATA_S02_CH18
J38-5-5	•	GND		J44-20			J88-30		J38-37-37	•	GND
J38-6-6	J41-6	USDATOUT13B		J75-46			J88-38		J38-38-38	J58-34	DDATA_S02_CH17
	J44-6		J38-21-21	•	GND				J38-39-39	•	GND
	J74-10		J38-22-22	•	n/c				J38-40-40	J58-32	DDATA_S02_CH16
J38-7-7	•	GND	J38-23-23	•	GND				J38-41-41	•	GND
J38-8-8	J41-8	USDATOUT14B	J38-24-24	J71-43	USCLKOUT04C				J38-42-42	J58-30	DDATA_S02_CH15
	J44-8			J25-8					J38-43-43	•	GND
	J74-22								J38-44-44	J58-28	DDATA_S02_CH14
J38-9-9	•	GND							J38-45-45	•	GND
J38-10-10	J41-10	USDATOUT15B							J38-46-46	J58-26	DDATA_S02_CH13
	J44-10								J38-47-47	•	GND
	J74-34								J38-48-48	J58-24	DDATA_S02_CH12
J38-11-11	•	GND							J38-49-49	•	GND
J38-12-12	J41-12	USDATOUT16B							J38-50-50	J58-22	DDATA_S02_CH11
	J44-12										
	J74-46										
J38-13-13	•	GND									
J38-14-14	J41-14	USDATOUT17B									
	J44-14										
	J75-10										
J38-15-15	•	GND									
J38-16-16	J41-16	USDATOUT18B									
	J44-16										
	J75-22										

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DIGITAL CROSS CONNECT-J40

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J40-1	•	GND	J40-17	•	GND	J40-25	J90-28	DCLKDD04	J40-29	•	GND
J40-2	J37-2	USDATOUT11A	J40-18	J37-18	USDATOUT19A		J90-36		J40-30	•	n/c
	J43-2			J43-18		J40-26	J90-26	DCLKCC04	J40-31	•	GND
	J73-33			J75-33			J90-34		J40-32	J60-40	DDATA_S04_CH20
J40-3	•	GND	J40-19	J84-4	BSEL_04D		J90-34		J40-33	•	GND
J40-4	J37-4	USDATOUT12A		J30-19		J40-27	J90-24	DCLKBB04	J40-34	J60-38	DDATA_S04_CH19
	J43-4			J50-19			J90-32		J40-35	•	GND
	J73-45		J40-20	J37-20	USDATOUT20A		J90-40		J40-36	J60-36	DDATA_S04_CH18
J40-5	•	GND		J43-20		J40-28	J90-22	DCLKAA04	J40-37	•	GND
J40-6	J37-6	USDATOUT13A		J75-45			J90-30		J40-38	J60-34	DDATA_S04_CH17
	J43-6		J40-21	•	GND		J90-38		J40-39	•	GND
	J74-9		J40-22	•	n/c				J40-40	J60-32	DDATA_S04_CH16
J40-7	•	GND	J40-23	•	GND				J40-41	•	GND
J40-8	J37-8	USDATOUT14A	J40-24	J72-6	USCLKOUT05B				J40-42	J60-30	DDATA_S04_CH15
	J43-8								J40-43	•	GND
	J74-21								J40-44	J60-28	DDATA_S04_CH14
J40-9	•	GND							J40-45	•	GND
J40-10	J37-10	USDATOUT15A							J40-46	J60-26	DDATA_S04_CH13
	J43-10								J40-47	•	GND
	J74-33								J40-48	J60-24	DDATA_S04_CH12
J40-11	•	GND							J40-49	•	GND
J40-12	J37-12	USDATOUT16A							J40-50	J60-22	DDATA_S04_CH11
	J43-12										
	J74-45										
J40-13	•	GND									
J40-14	J37-14	USDATOUT17A									
	J43-14										
	J75-9										
J40-15	•	GND									
J40-16	J37-16	USDATOUT18A									
	J43-16										
	J75-21										

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DIGITAL CROSS CONNECT-J39

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J39-1	•	GND	J39-17	•	GND	J39-25	J89-28	DCLKDD03	J39-29	•	GND
J39-2	J42-2	USDATOUT11C	J39-18	J42-18	USDATOUT19C		J89-36		J39-30	•	n/c
	J45-2			J45-18		J39-26	J89-26	DCLKCC03	J39-31	•	GND
	J73-35			J75-35			J89-34		J39-32	J59-40	DDATA_S03_CH20
J39-3	•	GND	J39-19	J84-3	BSEL_03D	J39-27	J89-24	DCLKBB03	J39-33	•	GND
J39-4	J42-4	USDATOUT12C		J29-19			J89-32		J39-34	J59-38	DDATA_S03_CH19
	J45-4			J49-19			J89-40		J39-35	•	GND
	J73-47		J39-20	J42-20	USDATOUT20C	J39-28	J89-22	DCLKAA03	J39-36	J59-36	DDATA_S03_CH18
J39-5	•	GND		J45-20			J89-30		J39-37	•	GND
J39-6	J42-6	USDATOUT13C		J75-47			J89-38		J39-38	J59-34	DDATA_S03_CH17
	J45-6		J39-21	•	GND				J39-39	•	GND
	J74-11		J39-22	•	n/c				J39-40	J59-32	DDATA_S03_CH16
J39-7	•	GND	J39-23	•	GND				J39-41	•	GND
J39-8	J42-8	USDATOUT14C	J39-24	J72-5	USCLKOUT05A				J39-42	J59-30	DDATA_S03_CH15
	J45-8								J39-43	•	GND
	J74-23								J39-44	J59-28	DDATA_S03_CH14
J39-9	•	GND							J39-45	•	GND
J39-10	J42-10	USDATOUT15C							J39-46	J59-26	DDATA_S03_CH13
	J45-10								J39-47	•	GND
	J74-35								J39-48	J59-24	DDATA_S03_CH12
J39-11	•	GND							J39-49	•	GND
J39-12	J42-12	USDATOUT16C							J39-50	J59-22	DDATA_S03_CH11
	J45-12										
	J74-47										
J39-13	•	GND									
J39-14	J42-14	USDATOUT17C									
	J45-14										
	J75-11										
J39-15	•	GND									
J39-16	J42-16	USDATOUT18C									
	J45-16										
	J75-23										

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DIGITAL CROSS CONNECT-J41

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J41-1	•	GND	J41-17	•	GND	J41-25	J91-28	DCLKDD05	J41-29	•	GND
J41-2	J38-2	USDATOUT11B	J41-18	J38-18	USDATOUT19B		J91-36		J41-30	•	n/c
	J44-2			J44-18		J41-26	J91-26	DCLKCC05	J41-31	•	GND
	J73-34			J75-34			J91-34		J41-32	J61-40	DDATA_S05_CH20
J41-3	•	GND	J41-19	J84-5	BSEL_05D	J41-27	J91-24	DCLKBB05	J41-33	•	GND
J41-4	J38-4	USDATOUT12B		J31-19			J91-32		J41-34	J61-38	DDATA_S05_CH19
	J44-4			J51-19			J91-40		J41-35	•	GND
	J73-46		J41-20	J38-20	USDATOUT20B	J41-28	J91-22	DCLKAA05	J41-36	J61-36	DDATA_S05_CH18
J41-5	•	GND		J44-20			J91-30		J41-37	•	GND
J41-6	J38-6	USDATOUT13B		J75-46			J91-38		J41-38	J61-34	DDATA_S05_CH17
	J44-6		J41-21	•	GND				J41-39	•	GND
	J74-10		J41-22	•	n/c				J41-40	J61-32	DDATA_S05_CH16
J41-7	•	GND	J41-23	•	GND				J41-41	•	GND
J41-8	J38-8	USDATOUT14B	J41-24	J72-7	USCLKOUT05C				J41-42	J61-30	DDATA_S05_CH15
	J44-8			J25-10					J41-43	•	GND
	J74-22								J41-44	J61-28	DDATA_S05_CH14
J41-9	•	GND							J41-45	•	GND
J41-10	J38-10	USDATOUT15B							J41-46	J61-26	DDATA_S05_CH13
	J44-10								J41-47	•	GND
	J74-34								J41-48	J61-24	DDATA_S05_CH12
J41-11	•	GND							J41-49	•	GND
J41-12	J38-12	USDATOUT16B							J41-50	J61-22	DDATA_S05_CH11
	J44-12										
	J74-46										
J41-13	•	GND									
J41-14	J38-14	USDATOUT17B									
	J44-14										
	J75-10										
J41-15	•	GND									
J41-16	J38-16	USDATOUT18B									
	J44-16										
	J75-22										

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DIGITAL CROSS CONNECT-J42

FROM	TO	FUNCTION
J42-1	♦	GND
J42-2	J39-2	USDATOUT11C
	J45-2	
	J73-35	
J42-3	♦	GND
J42-4	J39-4	USDATOUT12C
	J45-4	
	J73-47	
J42-5	♦	GND
J42-6	J39-6	USDATOUT13C
	J45-6	
	J74-11	
J42-7	♦	GND
J42-8	J38-8	USDATOUT14C
	J45-8	
	J74-23	
J42-9	♦	GND
J42-10	J39-10	USDATOUT15C
	J45-10	
	J74-35	
J42-11	♦	GND
J42-12	J39-12	USDATOUT16C
	J45-12	
	J74-47	
J42-13	♦	GND
J42-14	J39-14	USDATOUT17C
	J45-14	
	J75-11	
J42-15	♦	GND
J42-16	J39-16	USDATOUT18C
	J45-16	
	J75-23	

FROM	TO	FUNCTION
J42-17	♦	GND
J42-18	J39-18	USDATOUT19C
	J45-18	
	J75-35	
J42-19	J84-6	BSEL_06D
	J32-19	
	J52-19	
J42-20	J39-20	USDATOUT20C
	J45-20	
	J75-47	
J42-21	♦	GND
J42-22	♦	n/c
J42-23	♦	GND
J42-24	J72-17	USCLKOUT06A

FROM	TO	FUNCTION
J42-25	J92-28	DCLKDD06
	J92-36	
J42-26	J92-26	DCLKCC06
	J92-34	
J42-27	J92-24	DCLKBB06
	J92-32	
J42-28	J92-22	DCLKAA06
	J92-30	
	J92-38	

FROM	TO	FUNCTION
J42-29	♦	GND
J42-30	♦	n/c
J42-31	♦	GND
J42-32	J62-40	DDATA_S06_CH20
J42-33	♦	GND
J42-34	J62-38	DDATA_S06_CH19
J42-35	♦	GND
J42-36	J62-36	DDATA_S06_CH18
J42-37	♦	GND
J42-38	J62-34	DDATA_S06_CH17
J42-39	♦	GND
J42-40	J62-32	DDATA_S06_CH16
J42-41	♦	GND
J42-42	J62-30	DDATA_S06_CH15
J42-43	♦	GND
J42-44	J62-28	DDATA_S06_CH14
J42-45	♦	GND
J42-46	J62-26	DDATA_S06_CH13
J42-47	♦	GND
J42-48	J62-24	DDATA_S06_CH12
J42-49	♦	GND
J42-50	J62-22	DDATA_S06_CH11

DIGITAL CROSS CONNECT-J42 — 1911-ROA 117 2225 SH.29 REV. A

DIGITAL CROSS CONNECT-J44

FROM	TO	FUNCTION
J44-1	♦	GND
J44-2	J38-2	USDATOUT11B
	J41-2	
	J73-34	
J44-3	♦	GND
J44-4	J38-4	USDATOUT12B
	J41-4	
	J73-46	
J44-5	♦	GND
J44-6	J38-6	USDATOUT13B
	J41-6	
	J74-10	
J44-7	♦	GND
J44-8	J38-8	USDATOUT14B
	J41-8	
	J74-22	
J44-9	♦	GND
J44-10	J38-10	USDATOUT15B
	J41-10	
	J74-34	
J44-11	♦	GND
J44-12	J38-12	USDATOUT16B
	J41-12	
	J74-46	
J44-13	♦	GND
J44-14	J38-14	USDATOUT17B
	J41-14	
	J75-10	
J44-15	♦	GND
J44-16	J38-16	USDATOUT18B
	J41-16	
	J75-22	

FROM	TO	FUNCTION
J44-17	♦	GND
J44-18	J38-18	USDATOUT19B
	J41-18	
	J75-34	
J44-19	J84-8	BSEL_08D
	J34-19	
	J54-19	
J44-20	J38-20	USDATOUT20B
	J41-20	
	J75-46	
J44-21	♦	GND
J44-22	♦	n/c
J44-23	♦	GND
J44-24	J72-19	USCLKOUT06C
	J25-12	

FROM	TO	FUNCTION
J44-25	J94-28	DCLKDD08
	J94-36	
J44-26	J94-26	DCLKCC08
	J94-34	
J44-27	J94-24	DCLKBB08
	J94-32	
J44-28	J94-22	DCLKAA08
	J94-30	
	J94-38	

FROM	TO	FUNCTION
J44-29	♦	GND
J44-30	♦	n/c
J44-31	♦	GND
J44-32	J64-40	DDATA_S08_CH20
J44-33	♦	GND
J44-34	J64-38	DDATA_S08_CH19
J44-35	♦	GND
J44-36	J64-36	DDATA_S08_CH18
J44-37	♦	GND
J44-38	J64-34	DDATA_S08_CH17
J44-39	♦	GND
J44-40	J64-32	DDATA_S08_CH16
J44-41	♦	GND
J44-42	J64-30	DDATA_S08_CH15
J44-43	♦	GND
J44-44	J64-28	DDATA_S08_CH14
J44-45	♦	GND
J44-46	J64-26	DDATA_S08_CH13
J44-47	♦	GND
J44-48	J64-24	DDATA_S08_CH12
J44-49	♦	GND
J44-50	J64-22	DDATA_S08_CH11

DIGITAL CROSS CONNECT-J44 — 1911-ROA 117 2225 SH.31 REV.A

DIGITAL CROSS CONNECT-J43

FROM	TO	FUNCTION
J43-1	♦	GND
J43-2	J37-2	USDATOUT11A
	J40-2	
	J73-33	
J43-3	♦	GND
J43-4	J37-4	USDATOUT12A
	J40-4	
	J73-45	
J43-5	♦	GND
J43-6	J37-6	USDATOUT13A
	J40-6	
	J74-9	
J43-7	♦	GND
J43-8	J37-8	USDATOUT14A
	J40-8	
	J74-21	
J43-9	♦	GND
J43-10	J37-10	USDATOUT15A
	J40-10	
	J74-33	
J43-11	♦	GND
J43-12	J37-12	USDATOUT16A
	J40-12	
	J74-45	
J43-13	♦	GND
J43-14	J37-14	USDATOUT17A
	J40-14	
	J75-9	
J43-15	♦	GND
J43-16	J37-16	USDATOUT18A
	J40-16	
	J75-21	

FROM	TO	FUNCTION
J43-17	♦	GND
J43-18	J37-18	USDATOUT19A
	J40-18	
	J75-33	
J43-19	J84-7	BSEL_07D
	J33-19	
	J53-19	
J43-20	J37-20	USDATOUT20A
	J40-20	
	J75-45	
J43-21	♦	GND
J43-22	♦	n/c
J43-23	♦	GND
J43-24	J72-18	USCLKOUT06B

FROM	TO	FUNCTION
J43-25	J93-28	DCLKDD07
	J93-36	
J43-26	J93-26	DCLKCC07
	J93-34	
J43-27	J93-24	DCLKBB07
	J93-32	
J43-28	J93-22	DCLKAA07
	J93-30	
	J93-38	

FROM	TO	FUNCTION
J43-29	♦	GND
J43-30	♦	n/c
J43-31	♦	GND
J43-32	J63-40	DDATA_S07_CH20
J43-33	♦	GND
J43-34	J63-38	DDATA_S07_CH19
J43-35	♦	GND
J43-36	J63-36	DDATA_S07_CH18
J43-37	♦	GND
J43-38	J63-34	DDATA_S07_CH17
J43-39	♦	GND
J43-40	J63-32	DDATA_S07_CH16
J43-41	♦	GND
J43-42	J63-30	DDATA_S07_CH15
J43-43	♦	GND
J43-44	J63-28	DDATA_S07_CH14
J43-45	♦	GND
J43-46	J63-26	DDATA_S07_CH13
J43-47	♦	GND
J43-48	J63-24	DDATA_S07_CH12
J43-49	♦	GND
J43-50	J63-22	DDATA_S07_CH11

DIGITAL CROSS CONNECT-J43 — 1911-ROA 117 2225 SH.30 REV.A

DIGITAL CROSS CONNECT-J45

FROM	TO	FUNCTION
J45-1	♦	GND
J45-2	J39-2	USDATOUT11C
	J42-2	
	J73-35	
J45-3	♦	GND
J45-4	J39-4	USDATOUT12C
	J42-4	
	J73-47	
J45-5	♦	GND
J45-6	J39-6	USDATOUT13C
	J42-6	
	J74-11	
J45-7	♦	GND
J45-8	J39-8	USDATOUT14C
	J42-8	
	J74-23	
J45-9	♦	GND
J45-10	J39-10	USDATOUT15C
	J42-10	
	J74-35	
J45-11	♦	GND
J45-12	J39-12	USDATOUT16C
	J42-12	
	J74-47	
J45-13	♦	GND
J45-14	J39-14	USDATOUT17C
	J42-14	
	J75-11	
J45-15	♦	GND
J45-16	J39-16	USDATOUT18C
	J42-16	
	J75-23	

FROM	TO	FUNCTION
J45-17	♦	GND
J45-18	J39-18	USDATOUT19C
	J42-18	
	J75-35	
J45-19	J84-9	BSEL_09D
	J35-19	
	J55-19	
J45-20	J39-20	USDATOUT20C
	J42-20	
	J75-47	
J45-21	♦	GND
J45-22	♦	n/c
J45-23	♦	GND
J45-24	J72-29	USCLKOUT07A

FROM	TO	FUNCTION
J45-25	J95-28	DCLKDD09
	J95-36	
J45-26	J95-26	DCLKCC09
	J95-34	
J45-27	J95-24	DCLKBB09
	J95-32	
J45-28	J95-22	DCLKAA09
	J95-30	
	J95-38	

FROM	TO	FUNCTION
J45-29	♦	GND
J45-30	♦	n/c
J45-31	♦	GND
J45-32	J65-40	DDATA_S09_CH20
J45-33	♦	GND
J45-34	J65-38	DDATA_S09_CH19
J45-35	♦	GND
J45-36	J65-36	DDATA_S09_CH18
J45-37	♦	GND
J45-38	J65-34	DDATA_S09_CH17
J45-39	♦	GND
J45-40	J65-32	DDATA_S09_CH16
J45-41	♦	GND
J45-42	J65-30	DDATA_S09_CH15
J45-43	♦	GND
J45-44	J65-28	DDATA_S09_CH14
J45-45	♦	GND
J45-46	J65-26	DDATA_S09_CH13
J45-47	♦	GND
J45-48	J65-24	DDATA_S09_CH12
J45-49	♦	GND
J45-50	J65-22	DDATA_S09_CH11

DIGITAL CROSS CONNECT-J45 — 1911-ROA 117 2225 SH.32 REV.A

DIGITAL CROSS CONNECT-J46 — 1911-ROA 117 2225 SH.33 REV.A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J46-1	♦	GND	J46-17	♦	GND	J46-25	J96-28	DCLKDD10	J46-29	♦	GND
J46-2	J77-22	USDATOUT11D	J46-18	J77-38	USDATOUT19D		J96-36		J46-30	♦	n/c
	J73-36			J75-36		J46-26	J96-26	DCLKCC10	J46-31	♦	GND
J46-3	♦	GND	J46-19	J84-10	BSEL_10D		J96-34		J46-32	J66-40	DDATA_SIO_CH20
J46-4	J77-24	USDATOUT12D		J36-19		J46-27	J96-24	DCLKBB10	J46-33	♦	GND
	J73-48			J56-19			J96-32		J46-34	J66-38	DDATA_SIO_CH19
J46-5	♦	GND	J46-20	J77-40	USDATOUT20D	J46-28	J96-22	DCLKAA10	J46-35	♦	GND
J46-6	J77-26	USDATOUT13D		J75-48			J96-30		J46-36	J66-36	DDATA_SIO_CH18
	J74-12		J46-21	♦	GND		J96-38		J46-37	♦	GND
J46-7	♦	GND	J46-22	♦	n/c				J46-38	J66-34	DDATA_SIO_CH17
J46-8	J77-28	USDATOUT14D	J46-23	♦	GND				J46-39	♦	GND
	J74-24		J46-24	J72-30	USCLKOUT07B				J46-40	J66-32	DDATA_SIO_CH16
J46-9	♦	GND							J46-41	♦	GND
J46-10	J77-30	USDATOUT15D							J46-42	J66-30	DDATA_SIO_CH15
	J74-36								J46-43	♦	GND
J46-11	♦	GND							J46-44	J66-28	DDATA_SIO_CH14
J46-12	J77-32	USDATOUT16D							J46-45	♦	GND
	J74-48								J46-46	J66-26	DDATA_SIO_CH13
J46-13	♦	GND							J46-47	♦	GND
J46-14	J77-34	USDATOUT17D							J46-48	J66-24	DDATA_SIO_CH12
	J75-12								J46-49	♦	GND
J46-15	♦	GND							J46-50	J66-22	DDATA_SIO_CH11
J46-16	J77-36	USDATOUT18D									
	J75-24										

DIGITAL CROSS CONNECT-J48 — 1911-ROA 117 2225 SH.35 REV.A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J48-1	♦	GND	J48-17	♦	GND	J48-25	J88-48	DCLKDDD02	J48-29	♦	GND
J48-2	J51-2	USDATOUT21B	J48-18	♦	n/c	J48-26	J88-46	DCLKCCC02	J48-30	♦	n/c
	J54-2		J48-19	J84-2	BSEL_02D	J48-27	J88-44	DCLKBBB02	J48-31	♦	GND
	J76-10			J28-19		J48-28	J88-42	DCLKAAA02	J48-32	♦	n/c
J48-3	♦	GND		J38-19					J48-33	♦	GND
J48-4	J51-4	USDATOUT22B	J48-20	♦	n/c				J48-34	♦	n/c
	J54-4		J48-21	♦	GND				J48-35	♦	GND
	J76-22		J48-22	♦	n/c				J48-36	♦	n/c
J48-5	♦	GND	J48-23	♦	GND				J48-37	♦	GND
J48-6	J51-6	USDATOUT23B	J48-24	J72-41	USCLKOUT08A				J48-38	♦	n/c
	J54-6								J48-39	♦	GND
	J76-34								J48-40	♦	n/c
J48-7	♦	GND							J48-41	♦	GND
J48-8	J51-8	USDATOUT24B							J48-42	♦	n/c
	J54-8								J48-43	♦	GND
	J76-46								J48-44	J58-48	DDATA_SO2_CH24
J48-9		n/c							J48-45	♦	GND
J48-10		n/c							J48-46	J58-46	DDATA_SO2_CH23
J48-11		GND							J48-47	♦	GND
J48-12		n/c							J48-48	J58-44	DDATA_SO2_CH22
J48-13		GND							J48-49	♦	GND
J48-14		n/c							J48-50	J58-42	DDATA_SO2_CH21
J48-15		GND									
J48-16		n/c									

DIGITAL CROSS CONNECT-J47 — 1911-ROA 117 2225 SH.34 REV.A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J47-1	♦	GND	J47-17	♦	GND	J47-25	J87-48	DCLKDDD01	J47-29	♦	GND
J47-2	J50-2	USDATOUT21A	J47-18	♦	n/c	J47-26	J87-46	DCLKCCC01	J47-30	♦	n/c
	J53-2		J47-19	J84-1	BSEL_01D	J47-27	J87-44	DCLKBBB01	J47-31	♦	GND
	J76-9			J27-19		J47-28	J87-42	DCLKAAA01	J47-32	♦	n/c
J47-3	♦	GND		J37-19					J47-33	♦	GND
J47-4	J50-4	USDATOUT22A	J47-20	♦	n/c				J47-34	♦	n/c
	J53-4		J47-21	♦	GND				J47-35	♦	GND
	J76-21		J47-22	♦	n/c				J47-36	♦	n/c
J47-5	♦	GND	J47-23	♦	GND				J47-37	♦	GND
J47-6	J50-6	USDATOUT23A	J47-24	J72-31	USCLKOUT07C				J47-38	♦	n/c
	J53-6			J25-14					J47-39	♦	GND
	J76-33								J47-40	♦	n/c
J47-7	♦	GND							J47-41	♦	GND
J47-8	J50-8	USDATOUT24A							J47-42	♦	n/c
	J53-8								J47-43	♦	GND
	J76-45								J47-44	J57-48	DDATA_SO1_CH24
J47-9		n/c							J47-45	♦	GND
J47-10		n/c							J47-46	J57-46	DDATA_SO1_CH23
J47-11		GND							J47-47	♦	GND
J47-12		n/c							J47-48	J57-44	DDATA_SO1_CH22
J47-13		GND							J47-49	♦	GND
J47-14		n/c							J47-50	J57-42	DDATA_SO1_CH21
J47-15		GND									
J47-16		n/c									

DIGITAL CROSS CONNECT-J49 — 1911-ROA 117 2225 SH.36 REV.A

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J49-1	♦	GND	J49-17	♦	GND	J49-25	J89-48	DCLKDDD03	J49-29	♦	GND
J49-2	J52-2	USDATOUT21C	J49-18	♦	n/c	J49-26	J89-46	DCLKCCC03	J49-30	♦	n/c
	J55-2		J49-19	J84-3	BSEL_03D	J49-27	J89-44	DCLKBBB03	J49-31	♦	GND
	J76-11			J29-19		J49-28	J89-42	DCLKAAA03	J49-32	♦	n/c
J49-3	♦	GND		J39-19					J49-33	♦	GND
J49-4	J52-4	USDATOUT22C	J49-20	♦	n/c				J49-34	♦	n/c
	J55-4		J49-21	♦	GND				J49-35	♦	GND
	J76-23		J49-22	♦	n/c				J49-36	♦	n/c
J49-5	♦	GND	J49-23	♦	GND				J49-37	♦	GND
J49-6	J52-6	USDATOUT23C	J49-24	J72-42	USCLKOUT08B				J49-38	♦	n/c
	J55-6								J49-39	♦	GND
	J76-35								J49-40	♦	n/c
J49-7	♦	GND							J49-41	♦	GND
J49-8	J52-8	USDATOUT24C							J49-42	♦	n/c
	J55-8								J49-43	♦	GND
	J76-47								J49-44	J59-48	DDATA_SO3_CH24
J49-9		n/c							J49-45	♦	GND
J49-10		n/c							J49-46	J59-46	DDATA_SO3_CH23
J49-11		GND							J49-47	♦	GND
J49-12		n/c							J49-48	J59-44	DDATA_SO3_CH22
J49-13		GND							J49-49	♦	GND
J49-14		n/c							J49-50	J59-42	DDATA_SO3_CH21
J49-15		GND									
J49-16		n/c									

DIGITAL CROSS CONNECT-J50

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J50-1	♦	GND	J50-17	♦	GND	J50-25	J90-48	DCLKDDD04	J50-29	♦	GND
J50-2	J47-2	USDATOUT21A	J50-18		n/c	J50-26	J90-46	DCLKCCC04	J50-30		n/c
	J53-2		J50-19	J84-4	BSEL_04D	J50-27	J90-44	DCLKBBB04	J50-31	♦	GND
	J76-9			J30-19		J50-28	J90-42	DCLKAAA04	J50-32		n/c
J50-3	♦	GND		J40-19					J50-33	♦	GND
J50-4	J47-4	USDATOUT22A	J50-20		n/c				J50-34		n/c
	J53-4		J50-21	♦	GND				J50-35	♦	GND
	J76-21		J50-22		n/c				J50-36		n/c
J50-5	♦	GND	J50-23	♦	GND				J50-37	♦	GND
J50-6	J47-6	USDATOUT23A	J50-24	J72-43	USCLKOUT08C				J50-38		n/c
	J53-6			J25-16					J50-39	♦	GND
	J76-33								J50-40		n/c
J50-7	♦	GND							J50-41	♦	GND
J50-8	J47-8	USDATOUT24A							J50-42		n/c
	J53-8								J50-43	♦	GND
	J76-45								J50-44	J60-48	DDATA_S04_CH24
J50-9		n/c							J50-45	♦	GND
J50-10		n/c							J50-46	J60-46	DDATA_S04_CH23
J50-11		GND							J50-47	♦	GND
J50-12		n/c							J50-48	J60-44	DDATA_S04_CH22
J50-13		GND							J50-49	♦	GND
J50-14		n/c							J50-50	J60-42	DDATA_S04_CH21
J50-15		GND									
J50-16		n/c									

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DIGITAL CROSS CONNECT-J52

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J52-1	♦	GND	J52-17	♦	GND	J52-25	J92-48	DCLKDDD06	J52-29	♦	GND
J52-2	J49-2	USDATOUT21C	J52-18		n/c	J52-26	J92-46	DCLKCCC06	J52-30		n/c
	J55-2		J52-19	J84-6	BSEL_06D	J52-27	J92-44	DCLKBBB06	J52-31	♦	GND
	J76-11			J32-19		J52-28	J92-42	DCLKAAA06	J52-32		n/c
J52-3	♦	GND		J42-19					J52-33	♦	GND
J52-4	J49-4	USDATOUT22C	J52-20		n/c				J52-34		n/c
	J55-4		J52-21	♦	GND				J52-35	♦	GND
	J76-23		J52-22		n/c				J52-36		n/c
J52-5	♦	GND	J52-23	♦	GND				J52-37	♦	GND
J52-6	J49-6	USDATOUT23C	J52-24	J73-6	USCLKOUT09B				J52-38		n/c
	J55-6								J52-39	♦	GND
	J76-35								J52-40		n/c
J52-7	♦	GND							J52-41	♦	GND
J52-8	J49-8	USDATOUT24C							J52-42		n/c
	J55-8								J52-43	♦	GND
	J76-47								J52-44	J62-48	DDATA_S06_CH24
J52-9		n/c							J52-45	♦	GND
J52-10		n/c							J52-46	J62-46	DDATA_S06_CH23
J52-11		GND							J52-47	♦	GND
J52-12		n/c							J52-48	J62-44	DDATA_S06_CH22
J52-13		GND							J52-49	♦	GND
J52-14		n/c							J52-50	J62-42	DDATA_S06_CH21
J52-15		GND									
J52-16		n/c									

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DIGITAL CROSS CONNECT-J51

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J51-1	♦	GND	J51-17	♦	GND	J51-25	J91-48	DCLKDDD05	J51-29	♦	GND
J51-2	J48-2	USDATOUT21B	J51-18		n/c	J51-26	J91-46	DCLKCCC05	J51-30		n/c
	J54-2		J51-19	J84-5	BSEL_05D	J51-27	J91-44	DCLKBBB05	J51-31	♦	GND
	J76-10			J31-19		J51-28	J91-42	DCLKAAA05	J51-32		n/c
J51-3	♦	GND		J41-19					J51-33	♦	GND
J51-4	J48-4	USDATOUT22B	J51-20		n/c				J51-34		n/c
	J54-4		J51-21	♦	GND				J51-35	♦	GND
	J76-22		J51-22		n/c				J51-36		n/c
J51-5	♦	GND	J51-23	♦	GND				J51-37	♦	GND
J51-6	J48-6	USDATOUT23B	J51-24	J73-5	USCLKOUT09A				J51-38		n/c
	J54-6								J51-39	♦	GND
	J76-34								J51-40		n/c
J51-7	♦	GND							J51-41	♦	GND
J51-8	J48-8	USDATOUT24B							J51-42		n/c
	J54-8								J51-43	♦	GND
	J76-46								J51-44	J61-48	DDATA_S05_CH24
J51-9		n/c							J51-45	♦	GND
J51-10		n/c							J51-46	J61-46	DDATA_S05_CH23
J51-11		GND							J51-47	♦	GND
J51-12		n/c							J51-48	J61-44	DDATA_S05_CH22
J51-13		GND							J51-49	♦	GND
J51-14		n/c							J51-50	J61-42	DDATA_S05_CH21
J51-15		GND									
J51-16		n/c									

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DIGITAL CROSS CONNECT-J53

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J53-1	♦	GND	J53-17	♦	GND	J53-25	J93-48	DCLKDDD07	J53-29	♦	GND
J53-2	J47-2	USDATOUT21A	J53-18		n/c	J53-26	J93-46	DCLKCCC07	J53-30		n/c
	J50-2		J53-19	J84-7	BSEL_07D	J53-27	J93-44	DCLKBBB07	J53-31	♦	GND
	J76-9			J33-19		J53-28	J93-42	DCLKAAA07	J53-32		n/c
J53-3	♦	GND		J43-19					J53-33	♦	GND
J53-4	J47-4	USDATOUT22A	J53-20		n/c				J53-34		n/c
	J50-4		J53-21	♦	GND				J53-35	♦	GND
	J76-21		J53-22		n/c				J53-36		n/c
J53-5	♦	GND	J53-23	♦	GND				J53-37	♦	GND
J53-6	J47-6	USDATOUT23A	J53-24	J73-7	USCLKOUT09C				J53-38		n/c
	J50-6			J25-18					J53-39	♦	GND
	J76-33								J53-40		n/c
J53-7	♦	GND							J53-41	♦	GND
J53-8	J47-8	USDATOUT24A							J53-42		n/c
	J50-8								J53-43	♦	GND
	J76-45								J53-44	J63-48	DDATA_S07_CH24
J53-9		n/c							J53-45	♦	GND
J53-10		n/c							J53-46	J63-46	DDATA_S07_CH23
J53-11		GND							J53-47	♦	GND
J53-12		n/c							J53-48	J63-44	DDATA_S07_CH22
J53-13		GND							J53-49	♦	GND
J53-14		n/c							J53-50	J63-42	DDATA_S07_CH21
J53-15		GND									
J53-16		n/c									

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DIGITAL CROSS CONNECT-J54

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J54-1	♦	GND	J54-17	♦	GND	J54-25	J94-48	DCLKDDD08	J54-29	♦	GND
J54-2	J48-2	USDATOUT21B	J54-18		n/c	J54-26	J94-46	DCLKCCC08	J54-30		n/c
	J51-2		J54-19	J84-8	BSEL_08D	J54-27	J94-44	DCLKBBB08	J54-31	♦	GND
	J76-10			J34-19		J54-28	J94-42	DCLKAAA08	J54-32		n/c
J54-3	♦	GND		J44-19					J54-33	♦	GND
J54-4	J48-4	USDATOUT22B	J54-20		n/c				J54-34		n/c
	J51-4		J54-21	♦	GND				J54-35	♦	GND
	J76-22		J54-22		n/c				J54-36		n/c
J54-5	♦	GND	J54-23	♦	GND				J54-37	♦	GND
J54-6	J48-6	USDATOUT23B	J54-24	J73-17	USCLKOUT10A				J54-38		n/c
	J51-6								J54-39	♦	GND
	J76-34								J54-40		n/c
J54-7	♦	GND							J54-41	♦	GND
J54-8	J48-8	USDATOUT24B							J54-42		n/c
	J51-8								J54-43	♦	GND
	J76-46								J54-44	J64-48	DDATA_SO8_CH24
J54-9		n/c							J54-45	♦	GND
J54-10		n/c							J54-46	J64-46	DDATA_SO8_CH23
J54-11		GND							J54-47	♦	GND
J54-12		n/c							J54-48	J64-44	DDATA_SO8_CH22
J54-13		GND							J54-49	♦	GND
J54-14		n/c							J54-50	J64-42	DDATA_SO8_CH21
J54-15		GND									
J54-16		n/c									

DIGITAL CROSS CONNECT-J54   1911-ROA 117 2225 SH.41 REV. A

DIGITAL CROSS CONNECT-J56

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J56-1	♦	GND	J56-17	♦	GND	J56-25	J96-48	DCLKDDD10	J56-29	♦	GND
J56-2	J77-42	USDATOUT21D	J56-18		n/c	J56-26	J96-46	DCLKCCC10	J56-30		n/c
	J76-12		J56-19	J84-10	BSEL_10D	J56-27	J96-44	DCLKBBB10	J56-31	♦	GND
J56-3	♦	GND		J36-19		J56-28	J96-42	DCLKAAA10	J56-32		n/c
J56-4	J77-44	USDATOUT22D		J46-19					J56-33	♦	GND
	J76-24		J56-20		n/c				J56-34		n/c
J56-5	♦	GND	J56-21	♦	GND				J56-35	♦	GND
J56-6	J77-46	USDATOUT23D	J56-22		n/c				J56-36		n/c
	J76-36		J56-23	♦	GND				J56-37	♦	GND
J56-7	♦	GND	J56-24	J73-19	USCLKOUT10C				J56-38		n/c
J56-8	J77-48	USDATOUT24D		J25-20					J56-39	♦	GND
	J76-48								J56-40		n/c
J56-9		n/c							J56-41	♦	GND
J56-10		n/c							J56-42		n/c
J56-11		GND							J56-43	♦	GND
J56-12		n/c							J56-44	J66-48	DDATA_S10_CH24
J56-13		GND							J56-45	♦	GND
J56-14		n/c							J56-46	J66-46	DDATA_S10_CH23
J56-15		GND							J56-47	♦	GND
J56-16		n/c							J56-48	J66-44	DDATA_S10_CH22
									J56-49	♦	GND
									J56-50	J66-42	DDATA_S10_CH21

DIGITAL CROSS CONNECT-J56   1911-ROA 117 2225 SH.43 REV. A

DIGITAL CROSS CONNECT-J55

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J55-1	♦	GND	J55-17	♦	GND	J55-25	J95-48	DCLKDDD09	J55-29	♦	GND
J55-2	J49-2	USDATOUT21C	J55-18		n/c	J55-26	J95-46	DCLKCCC09	J55-30		n/c
	J52-2		J55-19	J84-9	BSEL_09D	J55-27	J95-44	DCLKBBB09	J55-31	♦	GND
	J76-11			J35-19		J55-28	J95-42	DCLKAAA09	J55-32		n/c
J55-3	♦	GND		J45-19					J55-33	♦	GND
J55-4	J49-4	USDATOUT22C	J55-20		n/c				J55-34		n/c
	J52-4		J55-21	♦	GND				J55-35	♦	GND
	J76-23		J55-22		n/c				J55-36		n/c
J55-5	♦	GND	J55-23	♦	GND				J55-37	♦	GND
J55-6	J49-6	USDATOUT23C	J55-24	J73-18	USCLKOUT10B				J55-38		n/c
	J52-6								J55-39	♦	GND
	J76-35								J55-40		n/c
J55-7	♦	GND							J55-41	♦	GND
J55-8	J49-8	USDATOUT24C							J55-42		n/c
	J52-8								J55-43	♦	GND
	J76-47								J55-44	J65-48	DDATA_SO9_CH24
J55-9		n/c							J55-45	♦	GND
J55-10		n/c							J55-46	J65-46	DDATA_SO9_CH23
J55-11		GND							J55-47	♦	GND
J55-12		n/c							J55-48	J65-44	DDATA_SO9_CH22
J55-13		GND							J55-49	♦	GND
J55-14		n/c							J55-50	J65-42	DDATA_SO9_CH21
J55-15		GND									
J55-16		n/c									

DIGITAL CROSS CONNECT-J55   1911-ROA 117 2225 SH.42 REV. A

DIGITAL CROSS CONNECT-J57 & J58

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J57-1	♦	GND	J57-26	J37-46	DDATA_SO1_CH13	J58-1	♦	GND	J58-26	J38-46	DDATA_SO2_CH13
J57-2	J27-50	DDATA_SO1_CHO1	J57-27	♦	GND	J58-2	J28-50	DDATA_SO2_CHO1	J58-27	♦	GND
J57-3	♦	GND	J57-28	J37-44	DDATA_SO1_CH14	J58-3	♦	GND	J58-28	J38-44	DDATA_SO2_CH14
J57-4	J27-48	DDATA_SO1_CHO2	J57-29	♦	GND	J58-4	J28-48	DDATA_SO2_CHO2	J58-29	♦	GND
J57-5	♦	GND	J57-30	J37-42	DDATA_SO1_CH15	J58-5	♦	GND	J58-30	J38-42	DDATA_SO2_CH15
J57-6	J27-46	DDATA_SO1_CHO3	J57-31	♦	GND	J58-6	J28-46	DDATA_SO2_CHO3	J58-31	♦	GND
J57-7	♦	GND	J57-32	J37-40	DDATA_SO1_CH16	J58-7	♦	GND	J58-32	J38-40	DDATA_SO2_CH16
J57-8	J27-44	DDATA_SO1_CHO4	J57-33	♦	GND	J58-8	J28-44	DDATA_SO2_CHO4	J58-33	♦	GND
J57-9	♦	GND	J57-34	J37-38	DDATA_SO1_CH17	J58-9	♦	GND	J58-34	J38-38	DDATA_SO2_CH17
J57-10	J27-42	DDATA_SO1_CHO5	J57-35	♦	GND	J58-10	J28-42	DDATA_SO2_CHO5	J58-35	♦	GND
J57-11	♦	GND	J57-36	J37-36	DDATA_SO1_CH18	J58-11	♦	GND	J58-36	J38-36	DDATA_SO2_CH18
J57-12	J27-40	DDATA_SO1_CHO6	J57-37	♦	GND	J58-12	J28-40	DDATA_SO2_CHO6	J58-37	♦	GND
J57-13	♦	GND	J57-38	J37-34	DDATA_SO1_CH19	J58-13	♦	GND	J58-38	J38-34	DDATA_SO2_CH19
J57-14	J27-38	DDATA_SO1_CHO7	J57-39	♦	GND	J58-14	J28-38	DDATA_SO2_CHO7	J58-39	♦	GND
J57-15	♦	GND	J57-40	J37-32	DDATA_SO1_CH20	J58-15	♦	GND	J58-40	J38-32	DDATA_SO2_CH20
J57-16	J27-36	DDATA_SO1_CHO8	J57-41	♦	GND	J58-16	J28-36	DDATA_SO2_CHO8	J58-41	♦	GND
J57-17	♦	GND	J57-42	J47-50	DDATA_SO1_CH21	J58-17	♦	GND	J58-42	J48-50	DDATA_SO2_CH21
J57-18	J27-34	DDATA_SO1_CHO9	J57-43	♦	GND	J58-18	J28-34	DDATA_SO2_CHO9	J58-43	♦	GND
J57-19	♦	GND	J57-44	J47-48	DDATA_SO1_CH22	J58-19	♦	GND	J58-44	J48-48	DDATA_SO2_CH22
J57-20	J27-32	DDATA_SO1_CH10	J57-45	♦	GND	J58-20	J28-32	DDATA_SO2_CH10	J58-45	♦	GND
J57-21	♦	GND	J57-46	J47-46	DDATA_SO1_CH23	J58-21	♦	GND	J58-46	J48-46	DDATA_SO2_CH23
J57-22	J37-50	DDATA_SO1_CH11	J57-47	♦	GND	J58-22	J38-50	DDATA_SO2_CH11	J58-47	♦	GND
J57-23	♦	GND	J57-48	J47-44	DDATA_SO1_CH24	J58-23	♦	GND	J58-48	J48-44	DDATA_SO2_CH24
J57-24	J37-48	DDATA_SO1_CH12	J57-49		n/c	J58-24	J38-48	DDATA_SO2_CH12	J58-49		n/c
J57-25	♦	GND	J57-50		n/c	J58-25	♦	GND	J58-50		n/c

DIGITAL CROSS CONNECT-J57 & J58   1911-ROA 117 2225 SH.44 REV. A

DIGITAL CROSS CONNECT-J59 & J60

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J59-1	•	GND	J59-26	J39-46	DDATA_S03_CH13	J60-1	•	GND	J60-26	J40-46	DDATA_S04_CH13
J59-2	J29-50	DDATA_S03_CH01	J59-27	•	GND	J60-2	J30-50	DDATA_S04_CH01	J60-27	•	GND
J59-3	•	GND	J59-28	J39-44	DDATA_S03_CH14	J60-3	•	GND	J60-28	J40-44	DDATA_S04_CH14
J59-4	J29-48	DDATA_S03_CH02	J59-29	•	GND	J60-4	J30-48	DDATA_S04_CH02	J60-29	•	GND
J59-5	•	GND	J59-30	J39-42	DDATA_S03_CH15	J60-5	•	GND	J60-30	J40-42	DDATA_S04_CH15
J59-6	J29-46	DDATA_S03_CH03	J59-31	•	GND	J60-6	J30-46	DDATA_S04_CH03	J60-31	•	GND
J59-7	•	GND	J59-32	J39-40	DDATA_S03_CH16	J60-7	•	GND	J60-32	J40-40	DDATA_S04_CH16
J59-8	J29-44	DDATA_S03_CH04	J59-33	•	GND	J60-8	J30-44	DDATA_S04_CH04	J60-33	•	GND
J59-9	•	GND	J59-34	J39-38	DDATA_S03_CH17	J60-9	•	GND	J60-34	J40-38	DDATA_S04_CH17
J59-10	J29-42	DDATA_S03_CH05	J59-35	•	GND	J60-10	J30-42	DDATA_S04_CH05	J60-35	•	GND
J59-11	•	GND	J59-36	J39-36	DDATA_S03_CH18	J60-11	•	GND	J60-36	J40-36	DDATA_S04_CH18
J59-12	J29-40	DDATA_S03_CH06	J59-37	•	GND	J60-12	J30-40	DDATA_S04_CH06	J60-37	•	GND
J59-13	•	GND	J59-38	J39-34	DDATA_S03_CH19	J60-13	•	GND	J60-38	J40-34	DDATA_S04_CH19
J59-14	J29-38	DDATA_S03_CH07	J59-39	•	GND	J60-14	J30-38	DDATA_S04_CH07	J60-39	•	GND
J59-15	•	GND	J59-40	J39-32	DDATA_S03_CH20	J60-15	•	GND	J60-40	J40-32	DDATA_S04_CH20
J59-16	J29-36	DDATA_S03_CH08	J59-41	•	GND	J60-16	J30-36	DDATA_S04_CH08	J60-41	•	GND
J59-17	•	GND	J59-42	J49-50	DDATA_S03_CH21	J60-17	•	GND	J60-42	J50-50	DDATA_S04_CH21
J59-18	J29-34	DDATA_S03_CH09	J59-43	•	GND	J60-18	J30-34	DDATA_S04_CH09	J60-43	•	GND
J59-19	•	GND	J59-44	J49-48	DDATA_S03_CH22	J60-19	•	GND	J60-44	J50-48	DDATA_S04_CH22
J59-20	J29-32	DDATA_S03_CH10	J59-45	•	GND	J60-20	J30-32	DDATA_S04_CH10	J60-45	•	GND
J59-21	•	GND	J59-46	J49-46	DDATA_S03_CH23	J60-21	•	GND	J60-46	J50-46	DDATA_S04_CH23
J59-22	J39-50	DDATA_S03_CH11	J59-47	•	GND	J60-22	J40-50	DDATA_S04_CH11	J60-47	•	GND
J59-23	•	GND	J59-48	J49-44	DDATA_S03_CH24	J60-23	•	GND	J60-48	J50-44	DDATA_S04_CH24
J59-24	J39-48	DDATA_S03_CH12	J59-49	•	n/c	J60-24	J40-48	DDATA_S04_CH12	J60-49	•	n/c
J59-25	•	GND	J59-50	•	n/c	J60-25	•	GND	J60-50	•	n/c

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DIGITAL CROSS CONNECT-J63 & J64

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J63-1	•	GND	J63-26	J43-46	DDATA_S07_CH13	J64-1	•	GND	J64-26	J44-46	DDATA_S08_CH13
J63-2	J33-50	DDATA_S07_CH01	J63-27	•	GND	J64-2	J34-50	DDATA_S08_CH01	J64-27	•	GND
J63-3	•	GND	J63-28	J43-44	DDATA_S07_CH14	J64-3	•	GND	J64-28	J44-44	DDATA_S08_CH14
J63-4	J33-48	DDATA_S07_CH02	J63-29	•	GND	J64-4	J34-48	DDATA_S08_CH02	J64-29	•	GND
J63-5	•	GND	J63-30	J43-42	DDATA_S07_CH15	J64-5	•	GND	J64-30	J44-42	DDATA_S08_CH15
J63-6	J33-46	DDATA_S07_CH03	J63-31	•	GND	J64-6	J34-46	DDATA_S08_CH03	J64-31	•	GND
J63-7	•	GND	J63-32	J43-40	DDATA_S07_CH16	J64-7	•	GND	J64-32	J44-40	DDATA_S08_CH16
J63-8	J33-44	DDATA_S07_CH04	J63-33	•	GND	J64-8	J34-44	DDATA_S08_CH04	J64-33	•	GND
J63-9	•	GND	J63-34	J43-38	DDATA_S07_CH17	J64-9	•	GND	J64-34	J44-38	DDATA_S08_CH17
J63-10	J33-42	DDATA_S07_CH05	J63-35	•	GND	J64-10	J34-42	DDATA_S08_CH05	J64-35	•	GND
J63-11	•	GND	J63-36	J43-36	DDATA_S07_CH18	J64-11	•	GND	J64-36	J44-36	DDATA_S08_CH18
J63-12	J33-40	DDATA_S07_CH06	J63-37	•	GND	J64-12	J34-40	DDATA_S08_CH06	J64-37	•	GND
J63-13	•	GND	J63-38	J43-34	DDATA_S07_CH19	J64-13	•	GND	J64-38	J44-34	DDATA_S08_CH19
J63-14	J33-38	DDATA_S07_CH07	J63-39	•	GND	J64-14	J34-38	DDATA_S08_CH07	J64-39	•	GND
J63-15	•	GND	J63-40	J43-32	DDATA_S07_CH20	J64-15	•	GND	J64-40	J44-32	DDATA_S08_CH20
J63-16	J33-36	DDATA_S07_CH08	J63-41	•	GND	J64-16	J34-36	DDATA_S08_CH08	J64-41	•	GND
J63-17	•	GND	J63-42	J53-50	DDATA_S07_CH21	J64-17	•	GND	J64-42	J54-50	DDATA_S08_CH21
J63-18	J33-34	DDATA_S07_CH09	J63-43	•	GND	J64-18	J34-34	DDATA_S08_CH09	J64-43	•	GND
J63-19	•	GND	J63-44	J53-48	DDATA_S07_CH22	J64-19	•	GND	J64-44	J54-48	DDATA_S08_CH22
J63-20	J33-32	DDATA_S07_CH10	J63-45	•	GND	J64-20	J34-32	DDATA_S08_CH10	J64-45	•	GND
J63-21	•	GND	J63-46	J53-46	DDATA_S07_CH23	J64-21	•	GND	J64-46	J54-46	DDATA_S08_CH23
J63-22	J43-50	DDATA_S07_CH11	J63-47	•	GND	J64-22	J44-50	DDATA_S08_CH11	J64-47	•	GND
J63-23	•	GND	J63-48	J53-44	DDATA_S07_CH24	J64-23	•	GND	J64-48	J54-44	DDATA_S08_CH24
J63-24	J43-48	DDATA_S07_CH12	J63-49	•	n/c	J64-24	J44-48	DDATA_S08_CH12	J64-49	•	n/c
J63-25	•	GND	J63-50	•	n/c	J64-25	•	GND	J64-50	•	n/c

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DIGITAL CROSS CONNECT-J61 & J62

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J61-1	•	GND	J61-26	J41-46	DDATA_S05_CH13	J62-1	•	GND	J62-26	J42-46	DDATA_S06_CH13
J61-2	J31-50	DDATA_S05_CH01	J61-27	•	GND	J62-2	J32-50	DDATA_S06_CH01	J62-27	•	GND
J61-3	•	GND	J61-28	J41-44	DDATA_S05_CH14	J62-3	•	GND	J62-28	J42-44	DDATA_S06_CH14
J61-4	J31-48	DDATA_S05_CH02	J61-29	•	GND	J62-4	J32-48	DDATA_S06_CH02	J62-29	•	GND
J61-5	•	GND	J61-30	J41-42	DDATA_S05_CH15	J62-5	•	GND	J62-30	J42-42	DDATA_S06_CH15
J61-6	J31-46	DDATA_S05_CH03	J61-31	•	GND	J62-6	J32-46	DDATA_S06_CH03	J62-31	•	GND
J61-7	•	GND	J61-32	J41-40	DDATA_S05_CH16	J62-7	•	GND	J62-32	J42-40	DDATA_S06_CH16
J61-8	J31-44	DDATA_S05_CH04	J61-33	•	GND	J62-8	J32-44	DDATA_S06_CH04	J62-33	•	GND
J61-9	•	GND	J61-34	J41-38	DDATA_S05_CH17	J62-9	•	GND	J62-34	J42-38	DDATA_S06_CH17
J61-10	J31-42	DDATA_S05_CH05	J61-35	•	GND	J62-10	J32-42	DDATA_S06_CH05	J62-35	•	GND
J61-11	•	GND	J61-36	J41-36	DDATA_S05_CH18	J62-11	•	GND	J62-36	J42-36	DDATA_S06_CH18
J61-12	J31-40	DDATA_S05_CH06	J61-37	•	GND	J62-12	J32-40	DDATA_S06_CH06	J62-37	•	GND
J61-13	•	GND	J61-38	J41-34	DDATA_S05_CH19	J62-13	•	GND	J62-38	J42-34	DDATA_S06_CH19
J61-14	J31-38	DDATA_S05_CH07	J61-39	•	GND	J62-14	J32-38	DDATA_S06_CH07	J62-39	•	GND
J61-15	•	GND	J61-40	J41-32	DDATA_S05_CH20	J62-15	•	GND	J62-40	J42-32	DDATA_S06_CH20
J61-16	J31-36	DDATA_S05_CH08	J61-41	•	GND	J62-16	J32-36	DDATA_S06_CH08	J62-41	•	GND
J61-17	•	GND	J61-42	J51-50	DDATA_S05_CH21	J62-17	•	GND	J62-42	J52-50	DDATA_S06_CH21
J61-18	J31-34	DDATA_S05_CH09	J61-43	•	GND	J62-18	J32-34	DDATA_S06_CH09	J62-43	•	GND
J61-19	•	GND	J61-44	J51-48	DDATA_S05_CH22	J62-19	•	GND	J62-44	J52-48	DDATA_S06_CH22
J61-20	J31-32	DDATA_S05_CH10	J61-45	•	GND	J62-20	J32-32	DDATA_S06_CH10	J62-45	•	GND
J61-21	•	GND	J61-46	J51-46	DDATA_S05_CH23	J62-21	•	GND	J62-46	J52-46	DDATA_S06_CH23
J61-22	J41-50	DDATA_S05_CH11	J61-47	•	GND	J62-22	J42-50	DDATA_S06_CH11	J62-47	•	GND
J61-23	•	GND	J61-48	J51-44	DDATA_S05_CH24	J62-23	•	GND	J62-48	J52-44	DDATA_S06_CH24
J61-24	J41-48	DDATA_S05_CH12	J61-49	•	n/c	J62-24	J42-48	DDATA_S06_CH12	J62-49	•	n/c
J61-25	•	GND	J61-50	•	n/c	J62-25	•	GND	J62-50	•	n/c

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DIGITAL CROSS CONNECT-J65 & J66

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J65-1	•	GND	J65-26	J45-46	DDATA_S09_CH13	J66-1	•	GND	J66-26	J46-46	DDATA_S10_CH13
J65-2	J35-50	DDATA_S09_CH01	J65-27	•	GND	J66-2	J36-50	DDATA_S10_CH01	J66-27	•	GND
J65-3	•	GND	J65-28	J45-44	DDATA_S09_CH14	J66-3	•	GND	J66-28	J46-44	DDATA_S10_CH14
J65-4	J35-48	DDATA_S09_CH02	J65-29	•	GND	J66-4	J36-48	DDATA_S10_CH02	J66-29	•	GND
J65-5	•	GND	J65-30	J45-42	DDATA_S09_CH15	J66-5	•	GND	J66-30	J46-42	DDATA_S10_CH15
J65-6	J35-46	DDATA_S09_CH03	J65-31	•	GND	J66-6	J36-46	DDATA_S10_CH03	J66-31	•	GND
J65-7	•	GND	J65-32	J45-40	DDATA_S09_CH16	J66-7	•	GND	J66-32	J46-40	DDATA_S10_CH16
J65-8	J35-44	DDATA_S09_CH04	J65-33	•	GND	J66-8	J36-44	DDATA_S10_CH04	J66-33	•	GND
J65-9	•	GND	J65-34	J45-38	DDATA_S09_CH17	J66-9	•	GND	J66-34	J46-38	DDATA_S10_CH17
J65-10	J35-42	DDATA_S09_CH05	J65-35	•	GND	J66-10	J36-42	DDATA_S10_CH05	J66-35	•	GND
J65-11	•	GND	J65-36	J45-36	DDATA_S09_CH18	J66-11	•	GND	J66-36	J46-36	DDATA_S10_CH18
J65-12	J35-40	DDATA_S09_CH06	J65-37	•	GND	J66-12	J36-40	DDATA_S10_CH06	J66-37	•	GND
J65-13	•	GND	J65-38	J45-34	DDATA_S09_CH19	J66-13	•	GND	J66-38	J46-34	DDATA_S10_CH19
J65-14	J35-38	DDATA_S09_CH07	J65-39	•	GND	J66-14	J36-38	DDATA_S10_CH07	J66-39	•	GND
J65-15	•	GND	J65-40	J45-32	DDATA_S09_CH20	J66-15	•	GND	J66-40	J46-32	DDATA_S10_CH20
J65-16	J35-36	DDATA_S09_CH08	J65-41	•	GND	J66-16	J36-36	DDATA_S10_CH08	J66-41	•	GND
J65-17	•	GND	J65-42	J55-50	DDATA_S09_CH21	J66-17	•	GND	J66-42	J56-50	DDATA_S10_CH21
J65-18	J35-34	DDATA_S09_CH09	J65-43	•	GND	J66-18	J36-34	DDATA_S10_CH09	J66-43	•	GND
J65-19	•	GND	J65-44	J55-48	DDATA_S09_CH22	J66-19	•	GND	J66-44	J56-48	DDATA_S10_CH22
J65-20	J35-32	DDATA_S09_CH10	J65-45	•	GND	J66-20	J36-32	DDATA_S10_CH10	J66-45	•	GND
J65-21	•	GND	J65-46	J55-46	DDATA_S09_CH23	J66-21	•	GND	J66-46	J56-46	DDATA_S10_CH23
J65-22	J45-50	DDATA_S09_CH11	J65-47	•	GND	J66-22	J46-50	DDATA_S10_CH11	J66-47	•	GND
J65-23	•	GND	J65-48	J55-44	DDATA_S09_CH24	J66-23	•	GND	J66-48	J56-44	DDATA_S10_CH24
J65-24	J45-48	DDATA_S09_CH12	J65-49	•	n/c	J66-24	J46-48	DDATA_S10_CH12	J66-49	•	n/c
J65-25	•	GND	J65-50	•	n/c	J66-25	•	GND	J66-50	•	n/c

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DIGITAL CROSS CONNECT-J67 & J68

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J67-1	n/c		J67-26	J84-40	ALARM_22_INPUT	J68-1	•	GND	J68-26	n/c	
J67-2	n/c		J67-27	n/c		J68-2	•	GND	J68-27	n/c	
J67-3	n/c		J67-28	n/c		J68-3	J84-43	R1_COM	J68-28	n/c	
J67-4	n/c		J67-29	n/c		J68-4	J84-44	R2_COM	J68-29	n/c	
J67-5	n/c		J67-30	n/c		J68-5	J84-45	R1_NC	J68-30	n/c	
J67-6	n/c		J67-31	n/c		J68-6	J84-46	R2_NC	J68-31	n/c	
J67-7			J67-32	n/c		J68-7	J84-47	R1_NO	J68-32	n/c	
J67-8	n/c		J67-33	n/c		J68-8	J84-48	R2_NO	J68-33	n/c	
J67-9	n/c		J67-34	n/c		J68-9	n/c		J68-34	n/c	
J67-10	n/c		J67-35	n/c		J68-10	n/c		J68-35	n/c	
J67-11			J67-36	n/c		J68-11	n/c		J68-36	n/c	
J67-12	n/c		J67-37	n/c		J68-12	n/c		J68-37	n/c	
J67-13	n/c		J67-38	n/c		J68-13	n/c		J68-38	n/c	
J67-14	n/c		J67-39	n/c		J68-14	n/c		J68-39	n/c	
J67-15	n/c		J67-40	n/c		J68-15	n/c		J68-40	n/c	
J67-16	n/c		J67-41	n/c		J68-16	n/c		J68-41	n/c	
J67-17	J84-31	ALARM_13_INPUT	J67-42	n/c		J68-17	n/c		J68-42	n/c	
J67-18	J84-32	ALARM_14_INPUT	J67-43	n/c		J68-18	n/c		J68-43	n/c	
J67-19	J84-33	ALARM_15_INPUT	J67-44	n/c		J68-19	n/c		J68-44	n/c	
J67-20	J84-34	ALARM_16_INPUT	J67-45	n/c		J68-20	n/c		J68-45	n/c	
J67-21	J84-35	ALARM_17_INPUT	J67-46	n/c		J68-21	n/c		J68-46	n/c	
J67-22	J84-36	ALARM_18_INPUT	J67-47	n/c		J68-22	n/c		J68-47	n/c	
J67-23	J84-37	ALARM_19_INPUT	J67-48	n/c		J68-23	n/c		J68-48	n/c	
J67-24	J84-38	ALARM_20_INPUT	J67-49	n/c		J68-24	n/c		J68-49	n/c	
J67-25	J84-39	ALARM_21_INPUT	J67-50	n/c		J68-25	n/c		J68-50	n/c	

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DIGITAL CROSS CONNECT-J71

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J71-1	J99-1	9.6C_GGNDA_CHO1	J71-13	J99-3	9.6C_GGNDA_CHO2	J71-25	J99-5	9.6C_GGNDA_CHO3	J71-37	J99-7	9.6C_GGNDA_CHO4
J71-2	J99-2	9.6C_GOUTA_CHO1	J71-14	J99-4	9.6C_GOUTA_CHO2	J71-26	J99-6	9.6C_GOUTA_CHO3	J71-38	J99-8	9.6C_GOUTA_CHO4
J71-3	J86-1	9.6D_GGNDA_CHO1	J71-15	J86-3	9.6D_GGNDA_CHO2	J71-27	J86-5	9.6D_GGNDA_CHO3	J71-39	J86-7	9.6D_GGNDA_CHO4
J71-4	J86-2	9.6D_GOUTA_CHO1	J71-16	J86-4	9.6D_GOUTA_CHO2	J71-28	J86-6	9.6D_GOUTA_CHO3	J71-40	J86-8	9.6D_GOUTA_CHO4
J71-5	J27-24	USCLKOUTO1A	J71-17	J30-24	USCLKOUTO2A	J71-29	J33-24	USCLKOUTO3A	J71-41	J36-24	USCLKOUTO4A
J71-6	J28-24	USCLKOUTO1B	J71-18	J31-24	USCLKOUTO2B	J71-30	J34-24	USCLKOUTO3B	J71-42	J37-24	USCLKOUTO4B
J71-7	J31-24	USCLKOUTO1C	J71-19	J32-24	USCLKOUTO2C	J71-31	J35-24	USCLKOUTO3C	J71-43	J38-24	USCLKOUTO4C
	J25-2			J25-4			J25-6			J25-8	
J71-8	•	GND	J71-20	•	GND	J71-32	•	GND	J71-44	•	GND
J71-9	J27-2	USDATOUTO1A	J71-21	J27-4	USDATOUTO2A	J71-33	J27-6	USDATOUTO3A	J71-45	J27-8	USDATOUTO4A
	J30-2			J30-4			J30-6			J30-8	
	J33-2			J33-4			J33-6			J33-8	
J71-10	J28-2	USDATOUTO1B	J71-22	J28-4	USDATOUTO2B	J71-34	J28-6	USDATOUTO3B	J71-46	J28-8	USDATOUTO4B
	J31-2			J31-4			J31-6			J31-8	
	J34-2			J34-4			J34-6			J34-8	
J71-11	J29-2	USDATOUTO1C	J71-23	J29-4	USDATOUTO2C	J71-35	J29-6	USDATOUTO3C	J71-47	J29-8	USDATOUTO4C
	J32-2			J32-4			J32-6			J32-8	
	J35-2			J35-4			J35-6			J35-8	
J71-12	J36-2	USDATOUTO1D	J71-24	J36-4	USDATOUTO2D	J71-36	J36-6	USDATOUTO3D	J71-48	J36-8	USDATOUTO4D
	J77-2			J77-4			J77-6			J77-8	
									J71-49	•	GND
									J71-50	•	GND

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DIGITAL CROSS CONNECT-J69 & J70

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J69-1	J01-36	150D_GOUT_CHO1	J69-26	•	GND	J70-1	n/c		J70-26	n/c	
J69-2	J02-36	150D_GOUT_CHO2	J69-27	•	GND	J70-2	n/c		J70-27	n/c	
J69-3	J03-36	150D_GOUT_CHO3	J69-28	•	GND	J70-3	n/c		J70-28	n/c	
J69-4	J04-36	150D_GOUT_CHO4	J69-29	•	GND	J70-4	n/c		J70-29	n/c	
J69-5	J05-36	150D_GOUT_CHO5	J69-30	•	GND	J70-5	n/c		J70-30	n/c	
J69-6	J06-36	150D_GOUT_CHO6	J69-31	•	GND	J70-6	n/c		J70-31	n/c	
J69-7	J07-36	150D_GOUT_CHO7	J69-32	•	GND	J70-7	n/c		J70-32	n/c	
J69-8	J08-36	150D_GOUT_CHO8	J69-33	•	GND	J70-8	n/c		J70-33	n/c	
J69-9	J09-36	150D_GOUT_CHO9	J69-34	•	GND	J70-9	J79-3	300HZ_M	J70-34	n/c	
J69-10	J10-36	150D_GOUT_CH10	J69-35	•	GND	J70-10	J84-49	SYNCCTRL	J70-35	n/c	
J69-11	J11-36	150D_GOUT_CH11	J69-36	•	GND		J97-4		J70-36	n/c	
J69-12	J12-36	150D_GOUT_CH12	J69-37	•	GND	J70-11	n/c		J70-37	n/c	
J69-13	J13-36	150D_GOUT_CH13	J69-38	•	GND	J70-12	n/c		J70-38	n/c	
J69-14	J14-36	150D_GOUT_CH14	J69-39	n/c		J70-13	n/c		J70-39	n/c	
J69-15	J15-36	150D_GOUT_CH15	J69-40	n/c		J70-14	n/c		J70-40	n/c	
J69-16	J16-36	150D_GOUT_CH16	J69-41	n/c		J70-15	n/c		J70-41	n/c	
J69-17	J17-36	150D_GOUT_CH17	J69-42	n/c		J70-16	n/c		J70-42	n/c	
J69-18	J18-36	150D_GOUT_CH18	J69-43	n/c		J70-17	n/c		J70-43	n/c	
J69-19	J19-36	150D_GOUT_CH19	J69-44	n/c		J70-18	n/c		J70-44	n/c	
J69-20	J20-36	150D_GOUT_CH20	J69-45	n/c		J70-19	n/c		J70-45	n/c	
J69-21	J21-36	150D_GOUT_CH21	J69-46	n/c		J70-20	n/c		J70-46	n/c	
J69-22	J22-36	150D_GOUT_CH22	J69-47	n/c		J70-21	n/c		J70-47	J79_1	MODEM_TX_TIP
J69-23	J23-36	150D_GOUT_CH23	J69-48	n/c		J70-22	n/c		J70-48	J79_2	MODEM_TX_RING
J69-24	J24-36	150D_GOUT_CH24	J69-49	n/c		J70-23	n/c		J70-49	n/c	
J69-25	n/c		J69-50	n/c		J70-24	n/c		J70-50	n/c	
						J70-25	n/c				

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DIGITAL CROSS CONNECT-J72

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J72-1	J99-9	9.6C_GGNDA_CHO5	J72-13	J99-11	9.6C_GGNDA_CHO6	J72-25	J99-13	9.6C_GGNDA_CHO7	J72-37	J99-15	9.6C_GGNDA_CHO8
J72-2	J99-10	9.6C_GOUTA_CHO5	J72-14	J99-12	9.6C_GOUTA_CHO6	J72-26	J99-14	9.6C_GOUTA_CHO7	J72-38	J99-16	9.6C_GOUTA_CHO8
J72-3	J86-9	9.6D_GGNDA_CHO5	J72-15	J86-11	9.6D_GGNDA_CHO6	J72-27	J86-13	9.6D_GGNDA_CHO7	J72-39	J86-15	9.6D_GGNDA_CHO8
J72-4	J86-10	9.6D_GOUTA_CHO5	J72-16	J86-12	9.6D_GOUTA_CHO6	J72-28	J86-14	9.6D_GOUTA_CHO7	J72-40	J86-16	9.6D_GOUTA_CHO8
J72-5	J39-24	USCLKOUTO5A	J72-17	J42-24	USCLKOUTO6A	J72-29	J45-24	USCLKOUTO7A	J72-41	J48-24	USCLKOUTO8A
J72-6	J40-24	USCLKOUTO5B	J72-18	J43-24	USCLKOUTO6B	J72-30	J46-24	USCLKOUTO7B	J72-42	J49-24	USCLKOUTO8B
J72-7	J41-24	USCLKOUTO5C	J72-19	J44-24	USCLKOUTO6C	J72-31	J47-24	USCLKOUTO7C	J72-43	J50-24	USCLKOUTO8C
	J25-10			J25-12			J25-14			J25-16	
J72-8	•	GND	J72-20	•	GND	J72-32	•	GND	J72-44	•	GND
J72-9	J27-10	USDATOUTO5A	J72-21	J27-12	USDATOUTO6A	J72-33	J27-14	USDATOUTO7A	J72-45	J27-16	USDATOUTO8A
	J30-10			J30-12			J30-14			J30-16	
	J33-10			J33-12			J33-14			J33-16	
J72-10	J28-10	USDATOUTO5B	J72-22	J28-12	USDATOUTO6B	J72-34	J28-14	USDATOUTO7B	J72-46	J28-16	USDATOUTO8B
	J31-10			J31-12			J31-14			J31-16	
	J34-10			J34-12			J34-14			J34-16	
J72-11	J29-10	USDATOUTO5C	J72-23	J29-12	USDATOUTO6C	J72-35	J29-14	USDATOUTO7C	J72-47	J29-16	USDATOUTO8C
	J32-10			J32-12			J32-14			J32-16	
	J35-10			J35-12			J35-14			J35-16	
J72-12	J36-10	USDATOUTO5D	J72-24	J36-12	USDATOUTO6D	J72-36	J36-14	USDATOUTO7D	J72-48	J36-16	USDATOUTO8D
	J77-10			J77-12			J77-14			J77-16	
									J72-49	•	GND
									J72-50	•	GND

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DIGITAL CROSS CONNECT-J73

FROM	TO	FUNCTION
J73-1	J99-17	9.6C_GGNDA_CH09
J73-2	J99-18	9.6C_GOUTA_CH09
J73-3	J86-17	9.6D_GGNDA_CH09
J73-4	J86-18	9.6D_GOUTA_CH09
J73-5	J51-24	USCLKOUT09A
J73-6	J52-24	USCLKOUT09B
J73-7	J53-24	USCLKOUT09C
	J25-20	
J73-8	•	GND
J73-9	J27-18	USDATOUT09A
	J30-18	
	J33-18	
J73-10	J28-18	USDATOUT09B
	J31-18	
	J34-18	
J73-11	J29-18	USDATOUT09C
	J32-18	
	J35-18	
J73-12	J36-18	USDATOUT09D
	J77-18	
J73-13	J99-19	9.6C_GGNDA_CH10
J73-14	J99-20	9.6C_GOUTA_CH10
J73-15	J86-19	9.6D_GGNDA_CH10
J73-16	J86-20	9.6D_GOUTA_CH10
J73-17	J54-24	USCLKOUT10A
J73-18	J55-24	USCLKOUT10B
J73-19	J56-24	USCLKOUT10C
	J25-20	
J73-20	•	GND
J73-21	J27-20	USDATOUT10A
	J30-20	
	J33-20	
J73-22	J28-20	USDATOUT10B
	J31-20	
	J34-20	
J73-23	J29-20	USDATOUT10C
	J32-20	
	J35-20	
J73-24	J36-20	USDATOUT10D
	J77-20	
J73-25	J99-21	9.6C_GGNDA_CH11
J73-26	J99-22	9.6C_GOUTA_CH11
J73-27	J86-21	9.6D_GGNDA_CH11
J73-28	J86-22	9.6D_GOUTA_CH11
J73-29		n/c
J73-30		n/c
J73-31		n/c
J73-32	•	GND
J73-33	J37-2	USDATOUT11A
	J40-2	
	J43-2	
J73-34	J38-2	USDATOUT11B
	J41-2	
	J44-2	
J73-35	J39-2	USDATOUT11C
	J42-2	
	J45-2	
J73-36	J46-2	USDATOUT11D
	J77-22	
J73-37	J99-23	9.6C_GGNDA_CH12
J73-38	J99-24	9.6C_GOUTA_CH12
J73-39	J86-23	9.6D_GGNDA_CH12
J73-40	J86-24	9.6D_GOUTA_CH12
J73-41		n/c
J73-42		n/c
J73-43		n/c
J73-44	•	GND
J73-45	J37-4	USDATOUT12A
	J40-4	
	J43-4	
J73-46	J38-4	USDATOUT12B
	J41-4	
	J44-4	
J73-47	J39-4	USDATOUT12C
	J42-4	
	J45-4	
J73-48	J46-4	USDATOUT12D
	J77-24	
J73-49	•	GND
J73-50	•	GND

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DIGITAL CROSS CONNECT-J74

FROM	TO	FUNCTION
J74-1	J99-25	9.6C_GGNDA_CH13
J74-2	J99-26	9.6C_GOUTA_CH13
J74-3	J86-25	9.6D_GGNDA_CH13
J74-4	J86-26	9.6D_GOUTA_CH13
J74-5		n/c
J74-6		n/c
J74-7		n/c
J74-8	•	GND
J74-9	J37-6	USDATOUT13A
	J40-6	
	J43-6	
J74-10	J38-6	USDATOUT13B
	J41-6	
	J44-6	
J74-11	J39-6	USDATOUT13C
	J42-6	
	J45-6	
J74-12	J46-6	USDATOUT13D
	J77-26	
J74-13	J99-27	9.6C_GGNDA_CH14
J74-14	J99-28	9.6C_GOUTA_CH14
J74-15	J86-27	9.6D_GGNDA_CH14
J74-16	J86-28	9.6D_GOUTA_CH14
J74-17		n/c
J74-18		n/c
J74-19		n/c
J74-20	•	GND
J74-21	J37-8	USDATOUT14A
	J40-8	
	J43-8	
J74-22	J38-8	USDATOUT14B
	J41-8	
	J44-8	
J74-23	J39-8	USDATOUT14C
	J42-8	
	J45-8	
J74-24	J46-8	USDATOUT14D
	J77-28	
J74-25	J99-29	9.6C_GGNDA_CH15
J74-26	J99-30	9.6C_GOUTA_CH15
J74-27	J86-29	9.6D_GGNDA_CH15
J74-28	J86-30	9.6D_GOUTA_CH15
J74-29		n/c
J74-30		n/c
J74-31		n/c
J74-32	•	GND
J74-33	J37-10	USDATOUT15A
	J40-10	
	J43-10	
J74-34	J38-10	USDATOUT15B
	J41-10	
	J44-10	
J74-35	J39-10	USDATOUT15C
	J42-10	
	J45-10	
J74-36	J46-10	USDATOUT15D
	J77-30	
J74-37	J99-31	9.6C_GGNDA_CH16
J74-38	J99-32	9.6C_GOUTA_CH16
J74-39	J86-31	9.6D_GGNDA_CH16
J74-40	J86-32	9.6D_GOUTA_CH16
J74-41		n/c
J74-42		n/c
J74-43		n/c
J74-44	•	GND
J74-45	J37-12	USDATOUT16A
	J40-12	
	J43-12	
J74-46	J38-12	USDATOUT16B
	J41-12	
	J44-12	
J74-47	J39-12	USDATOUT16C
	J42-12	
	J45-12	
J74-48	J46-12	USDATOUT16D
	J77-32	
J74-49	•	GND
J74-50	•	GND

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DIGITAL CROSS CONNECT-J75

FROM	TO	FUNCTION
J75-1	J99-33	9.6C_GGNDA_CH17
J75-2	J99-34	9.6C_GOUTA_CH17
J75-3	J86-33	9.6D_GGNDA_CH17
J75-4	J86-34	9.6D_GOUTA_CH17
J75-5		n/c
J75-6		n/c
J75-7		n/c
J75-8	•	GND
J75-9	J37-14	USDATOUT17A
	J40-14	
	J43-14	
J75-10	J38-14	USDATOUT17B
	J41-14	
	J44-14	
J75-11	J39-14	USDATOUT17C
	J42-14	
	J45-14	
J75-12	J46-14	USDATOUT17D
	J77-34	
J75-13	J99-35	9.6C_GGNDA_CH18
J75-14	J99-36	9.6C_GOUTA_CH18
J75-15	J86-35	9.6D_GGNDA_CH18
J75-16	J86-36	9.6D_GOUTA_CH18
J75-17		n/c
J75-18		n/c
J75-19		n/c
J75-20	•	GND
J75-21	J37-16	USDATOUT18A
	J40-16	
	J43-16	
J75-22	J38-16	USDATOUT18B
	J41-16	
	J44-16	
J75-23	J39-16	USDATOUT18C
	J42-16	
	J45-16	
J75-24	J46-16	USDATOUT18D
	J77-36	
J75-25	J99-37	9.6C_GGNDA_CH19
J75-26	J99-38	9.6C_GOUTA_CH19
J75-27	J86-37	9.6D_GGNDA_CH19
J75-28	J86-38	9.6D_GOUTA_CH19
J75-29		n/c
J75-30		n/c
J75-31		n/c
J75-32	•	GND
J75-33	J37-18	USDATOUT19A
	J40-18	
	J43-18	
J75-34	J38-18	USDATOUT19B
	J41-18	
	J44-18	
J75-35	J39-18	USDATOUT19C
	J42-18	
	J45-18	
J75-36	J46-18	USDATOUT19D
	J77-38	
J75-37	J99-39	9.6C_GGNDA_CH20
J75-38	J99-40	9.6C_GOUTA_CH20
J75-39	J86-39	9.6D_GGNDA_CH20
J75-40	J86-40	9.6D_GOUTA_CH20
J75-41		n/c
J75-42		n/c
J75-43		n/c
J75-44	•	GND
J75-45	J37-20	USDATOUT20A
	J40-20	
	J43-20	
J75-46	J38-20	USDATOUT20B
	J41-20	
	J44-20	
J75-47	J39-20	USDATOUT20C
	J42-20	
	J45-20	
J75-48	J46-20	USDATOUT20D
	J77-40	
J75-49	•	GND
J75-50	•	GND

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DIGITAL CROSS CONNECT-J76

FROM	TO	FUNCTION
J76-1	J99-41	9.6C_GGNDA_CH21
J76-2	J99-42	9.6C_GOUTA_CH21
J76-3	J86-41	9.6D_GGNDA_CH21
J76-4	J86-42	9.6D_GOUTA_CH21
J76-5		n/c
J76-6		n/c
J76-7		n/c
J76-8	•	GND
J76-9	J47-2	USDATOUT21A
	J50-2	
	J53-2	
J76-10	J48-2	USDATOUT21B
	J51-2	
	J54-2	
J76-11	J49-2	USDATOUT21C
	J52-2	
	J55-2	
J76-12	J56-2	USDATOUT21D
	J77-42	
J76-13	J99-43	9.6C_GGNDA_CH22
J76-14	J99-44	9.6C_GOUTA_CH22
J76-15	J86-43	9.6D_GGNDA_CH22
J76-16	J86-44	9.6D_GOUTA_CH22
J76-17		n/c
J76-18		n/c
J76-19		n/c
J76-20	•	GND
J76-21	J47-4	USDATOUT22A
	J50-4	
	J53-4	
J76-22	J48-4	USDATOUT22B
	J51-4	
	J54-4	
J76-23	J49-4	USDATOUT22C
	J52-4	
	J55-4	
J76-24	J56-4	USDATOUT22D
	J77-44	
J76-25	J99-45	9.6C_GGNDA_CH23
J76-26	J99-46	9.6C_GOUTA_CH23
J76-27	J86-45	9.6D_GGNDA_CH23
J76-28	J86-46	9.6D_GOUTA_CH23
J76-29		n/c
J76-30		n/c
J76-31		n/c
J76-32	•	GND
J76-33	J47-6	USDATOUT23A
	J50-6	
	J53-6	
J76-34	J48-6	USDATOUT23B
	J51-6	
	J54-6	
J76-35	J49-6	USDATOUT23C
	J52-6	
	J55-6	
J76-36	J56-6	USDATOUT23D
	J77-46	
J76-37	J99-47	9.6C_GGNDA_CH24
J76-38	J99-48	9.6C_GOUTA_CH24
J76-39	J86-47	9.6D_GGNDA_CH24
J76-40	J86-48	9.6D_GOUTA_CH24
J76-41		n/c
J76-42		n/c
J76-43		n/c
J76-44	•	GND
J76-45	J47-8	USDATOUT24A
	J50-8	
	J53-8	
J76-46	J48-8	USDATOUT24B
	J51-8	
	J54-8	
J76-47	J49-8	USDATOUT24C
	J52-8	
	J55-8	
J76-48	J56-8	USDATOUT24D
	J77-48	
J76-49	•	GND
J76-50	•	GND

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DIGITAL CROSS CONNECT-J77 (1911-ROA 117 2225 SH.57 REV. A)

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J77-1	•	GND	J77-14	J36-14 / J72-36	USDATOUT07D	J77-26	J46-6 / J74-12	USDATOUT13D	J77-38	J48-18	USDATOUT19D
J77-2	J36-2 / J71-12	USDATOUT01D	J77-15	•	GND	J77-27	•	GND	J77-39	•	GND
J77-3	•	GND	J77-16	J36-16 / J72-48	USDATOUT08D	J77-28	J46-8 / J74-24	USDATOUT14D	J77-40	J46-20 / J75-48	USDATOUT20D
J77-4	J36-4 / J71-24	USDATOUT02D	J77-17	•	GND	J77-29	•	GND	J77-41	•	GND
J77-5	•	GND	J77-18	J36-18 / J73-12	USDATOUT09D	J77-30	J46-10 / J74-36	USDATOUT15D	J77-42	J56-2 / J76-12	USDATOUT21D
J77-6	J36-6 / J71-36	USDATOUT03D	J77-19	•	GND	J77-31	•	GND	J77-43	•	GND
J77-7	•	GND	J77-20	J36-20 / J73-24	USDATOUT10D	J77-32	J46-12 / J74-48	USDATOUT16D	J77-44	J56-4 / J76-24	USDATOUT22D
J77-8	J36-8 / J71-48	USDATOUT04D	J77-21	•	GND	J77-33	•	GND	J77-45	•	GND
J77-9	•	GND	J77-22	J46-2 / J73-36	USDATOUT11D	J77-34	J46-14 / J75-12	USDATOUT17D	J77-46	J56-6 / J76-36	USDATOUT23D
J77-10	J36-10 / J72-12	USDATOUT05D	J77-23	•	GND	J77-35	•	GND	J77-47	•	GND
J77-11	•	GND	J77-24	J46-4 / J73-48	USDATOUT12D	J77-36	J46-16 / J75-24	USDATOUT18D	J77-48	J56-8 / J76-48	USDATOUT24D
J77-12	J36-12 / J72-24	USDATOUT06D	J77-25	•	GND	J77-37	•	GND	J77-49	•	n/c
J77-13	•	GND							J77-50	•	n/c

DIGITAL CROSS CONNECT-J78 (1911-ROA 117 2225 SH.58 REV. A)

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J78-1		n/c	J78-26		n/c	J78-43	J1-49 / J6-49 / J11-49 / J16-49 / J21-49	SEL_2_OUT_A	J78-48	•	n/c
J78-2		n/c	J78-27		n/c				J78-49	•	n/c
J78-3		n/c	J78-28		n/c				J78-50	•	n/c
J78-4		n/c	J78-29		n/c						
J78-5		n/c	J78-30		n/c	J78-44	J2-49 / J7-49 / J12-49 / J17-49 / J22-49	SEL_2_OUT_B			
J78-6		n/c	J78-31		n/c						
J78-7		n/c	J78-32		n/c						
J78-8		n/c	J78-33		n/c						
J78-9		n/c	J78-34		n/c	J78-45	J3-49 / J8-49 / J13-49 / J18-49 / J23-49	SEL_2_OUT_C			
J78-10		n/c	J78-35		n/c						
J78-11		n/c	J78-36		n/c						
J78-12		n/c	J78-37		n/c						
J78-13		n/c	J78-38		n/c	J78-46	J4-49 / J9-49 / J14-49 / J19-49 / J24-49	SEL_2_OUT_D			
J78-14		n/c	J78-39		n/c						
J78-15		n/c	J78-40		n/c						
J78-16		n/c	J78-41		n/c						
J78-17		n/c	J78-42		n/c	J78-47	J5-49 / J10-49 / J15-49 / J20-49	SEL_2_OUT_E			
J78-18		n/c									
J78-19		n/c									
J78-20		n/c									
J78-21		n/c									
J78-22		n/c									
J78-23		n/c									
J78-24		n/c									
J78-25		n/c									

DIGITAL CROSS CONNECT-J79 (1911-ROA 117 2225 SH.59 REV. A)

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J79-1	J70-47	MODEM_TX_TIP	J79-15	J27-30	300HZ_DOUT_S01	J79-35	•	n/c	J79-39		n/c
J79-2	J70-48	MODEM_TX_RING	J79-16	•	GND	J79-36	•	n/c	J79-40		n/c
J79-3	J70-9	300HZ_M	J79-17	J28-30	300HZ_DOUT_S02	J79-37	J100-9	300HZ_OUT_EXP	J79-41		n/c
J79-4	•		J79-18	•	GND	J79-38	•	GND	J79-42		n/c
J79-5	J27-22	300HZ_OUT_S01	J79-19	J29-30	300HZ_DOUT_S03				J79-43		n/c
J79-6	J28-22	300HZ_OUT_S02	J79-20	•	GND				J79-44		n/c
J79-7	J29-22	300HZ_OUT_S03	J79-21	J30-30	300HZ_DOUT_S04				J79-45		n/c
J79-8	J30-22	300HZ_OUT_S04	J79-22	•	GND				J79-46		n/c
J79-9	J31-22	300HZ_OUT_S05	J79-23	J31-30	300HZ_DOUT_S05				J79-47		n/c
J79-10	J32-22	300HZ_OUT_S06	J79-24	•	GND				J79-48		n/c
J79-11	J33-22	300HZ_OUT_S07	J79-25	J32-30	300HZ_DOUT_S06				J79-49		n/c
J79-12	J34-22	300HZ_OUT_S08	J79-26	•	GND				J79-50		n/c
J79-13	J35-22	300HZ_OUT_S09	J79-27	J33-30	300HZ_DOUT_S07						
J79-14	J36-22	300HZ_OUT_S10	J79-28	•	GND						
			J79-29	J34-30	300HZ_DOUT_S08						
			J79-30	•	GND						
			J79-31	J35-30	300HZ_DOUT_S09						
			J79-32	•	GND						
			J79-33	J36-30	300HZ_DOUT_S10						
			J79-34	•	GND						

DIGITAL CROSS CONNECT-J80 & J81 (1911-ROA 117 2225 SH.60 REV. A)

FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION	FROM	TO	FUNCTION
J80-1	J1-11	PTT_OUT_CH01	J80-31	J06-13	A-D_OUT_CH06	J81-1	•	PTT_OUT_RTN	J81-31	•	A-D_OUT_RTN
J80-2	J2-11	PTT_OUT_CH02	J80-32	J7-13	A-D_OUT_CH07	J81-2	•	PTT_OUT_RTN	J81-32	•	A-D_OUT_RTN
J80-3	J3-11	PTT_OUT_CH03	J80-33	J8-13	A-D_OUT_CH08	J81-3	•	PTT_OUT_RTN	J81-33	•	A-D_OUT_RTN
J80-4	J4-11	PTT_OUT_CH04	J80-34	J9-13	A-D_OUT_CH09	J81-4	•	PTT_OUT_RTN	J81-34	•	A-D_OUT_RTN
J80-5	J5-11	PTT_OUT_CH05	J80-35	J10-13	A-D_OUT_CH10	J81-5	•	PTT_OUT_RTN	J81-35	•	A-D_OUT_RTN
J80-6	J6-11	PTT_OUT_CH06	J80-36	J11-13	A-D_OUT_CH11	J81-6	•	PTT_OUT_RTN	J81-36	•	A-D_OUT_RTN
J80-7	J7-11	PTT_OUT_CH07	J80-37	J12-13	A-D_OUT_CH12	J81-7	•	PTT_OUT_RTN	J81-37	•	A-D_OUT_RTN
J80-8	J8-11	PTT_OUT_CH08	J80-38	J13-13	A-D_OUT_CH13	J81-8	•	PTT_OUT_RTN	J81-38	•	A-D_OUT_RTN
J80-9	J9-11	PTT_OUT_CH09	J80-39	J14-13	A-D_OUT_CH14	J81-9	•	PTT_OUT_RTN	J81-39	•	A-D_OUT_RTN
J80-10	J10-11	PTT_OUT_CH10	J80-40	J15-13	A-D_OUT_CH15	J81-10	•	PTT_OUT_RTN	J81-40	•	A-D_OUT_RTN
J80-11	J11-11	PTT_OUT_CH11	J80-41	J16-13	A-D_OUT_CH16	J81-11	•	PTT_OUT_RTN	J81-41	•	A-D_OUT_RTN
J80-12	J12-11	PTT_OUT_CH12	J80-42	J17-13	A-D_OUT_CH17	J81-12	•	PTT_OUT_RTN	J81-42	•	A-D_OUT_RTN
J80-13	J13-11	PTT_OUT_CH13	J80-43	J18-13	A-D_OUT_CH18	J81-13	•	PTT_OUT_RTN	J81-43	•	A-D_OUT_RTN
J80-14	J14-11	PTT_OUT_CH14	J80-44	J19-13	A-D_OUT_CH19	J81-14	•	PTT_OUT_RTN	J81-44	•	A-D_OUT_RTN
J80-15	J15-11	PTT_OUT_CH15	J80-45	J20-13	A-D_OUT_CH20	J81-15	•	PTT_OUT_RTN	J81-45	•	A-D_OUT_RTN
J80-16	J16-11	PTT_OUT_CH16	J80-46	J21-13	A-D_OUT_CH21	J81-16	•	PTT_OUT_RTN	J81-46	•	A-D_OUT_RTN
J80-17	J17-11	PTT_OUT_CH17	J80-47	J22-13	A-D_OUT_CH22	J81-17	•	PTT_OUT_RTN	J81-47	•	A-D_OUT_RTN
J80-18	J18-11	PTT_OUT_CH18	J80-48	J23-13	A-D_OUT_CH23	J81-18	•	PTT_OUT_RTN	J81-48	•	A-D_OUT_RTN
J80-19	J19-11	PTT_OUT_CH19	J80-49	J24-13	A-D_OUT_CH24	J81-19	•	PTT_OUT_RTN	J81-49	•	A-D_OUT_RTN
J80-20	J20-11	PTT_OUT_CH20	J80-50		n/c	J81-20	•	PTT_OUT_RTN	J81-50	•	A-D_OUT_RTN
J80-21	J21-11	PTT_OUT_CH21				J81-21	•	PTT_OUT_RTN			
J80-22	J22-11	PTT_OUT_CH22				J81-22	•	PTT_OUT_RTN			
J80-23	J23-11	PTT_OUT_CH23				J81-23	•	PTT_OUT_RTN			
J80-24	J24-11	PTT_OUT_CH24				J81-24	•	PTT_OUT_RTN			
J80-25		n/c				J81-25	•	PTT_OUT_RTN			
J80-26	J1-13	A-D_OUT_CH01				J81-26	•	A-D_OUT_RTN			
J80-27	J2-13	A-D_OUT_CH02				J81-27	•	A-D_OUT_RTN			
J80-28	J3-13	A-D_OUT_CH03				J81-28	•	A-D_OUT_RTN			
J80-29	J4-13	A-D_OUT_CH04				J81-29	•	A-D_OUT_RTN			
J80-30	J5-13	A-D_OUT_CH05				J81-30	•	A-D_OUT_RTN			

DIGITAL CROSS CONNECT-J82

FROM	TO	FUNCTION
J82-1	J27-28	DCLKA01
	J87-2	
	J87-10	
	J87-18	
J82-2	•	GND
J82-3	J28-28	DCLKA02
	J88-2	
	J88-10	
	J88-18	
J82-4	•	GND
J82-5	J29-28	DCLKA03
	J89-2	
	J89-10	
	J89-18	
J82-6	•	GND
J82-7	J30-28	DCLKA04
	J90-2	
	J90-10	
	J90-18	
J82-8	•	GND
J82-9	J31-28	DCLKA05
	J91-2	
	J91-10	
	J91-18	
J82-10	•	GND
J82-11	J32-28	DCLKA06
	J92-2	
	J92-10	
	J92-18	
J82-12	•	GND
J82-13	J33-28	DCLKA07
	J93-2	
	J93-10	
	J93-18	
J82-14	•	GND
J82-15	J34-28	DCLKA08
	J94-2	
	J94-10	
	J94-18	
J82-16	•	GND
J82-17	J35-28	DCLKA09
	J95-2	
	J95-10	
	J95-18	
J82-18	•	GND
J82-19	J36-28	DCLKA10
	J96-2	
	J96-10	
	J96-18	
J82-20	•	GND
J82-21	J83-2	150D_W_S01_R
J82-22	J83-1	150D_W_S01_T
J82-23	J83-4	150D_W_S02_R
J82-24	J83-3	150D_W_S02_T
J82-25	J83-6	150D_W_S03_R
J82-26	J83-5	150D_W_S03_T
J82-27	J83-8	150D_W_S04_R
J82-28	J83-7	150D_W_S04_T
J82-29	J83-10	150D_W_S05_R
J82-30	J83-9	150D_W_S05_T
J82-31	J83-12	150D_W_S06_R
J82-32	J83-11	150D_W_S06_T
J82-33	J83-14	150D_W_S07_R
J82-34	J83-13	150D_W_S07_T
J82-35	J83-16	150D_W_S08_R
J82-36	J83-15	150D_W_S08_T
J82-37	J83-18	150D_W_S09_R
J82-38	J83-17	150D_W_S09_T
J82-39	J83-20	150D_W_S10_R
J82-40	J83-19	150D_W_S10_T
J82-41	J100-47	150D_W_EXP_R
J82-42	J100-48	150D_W_EXP_T
J82-43		n/c
J82-44		n/c
J82-45		n/c
J82-46		n/c
J82-47		n/c
J82-48		n/c
J82-49		n/c
J82-50		n/c

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DIGITAL CROSS CONNECT-J83

FROM	TO	FUNCTION
J83-1	J82-22	150D_W_S01_T
J83-2	J82-21	150D_W_S01_R
J83-3	J82-24	150D_W_S02_T
J83-4	J82-23	150D_W_S02_R
J83-5	J82-26	150D_W_S03_T
J83-6	J82-25	150D_W_S03_R
J83-7	J82-28	150D_W_S04_T
J83-8	J82-27	150D_W_S04_R
J83-9	J82-30	150D_W_S05_T
J83-10	J82-29	150D_W_S05_R
J83-11	J82-32	150D_W_S06_T
J83-12	J82-31	150D_W_S06_R
J83-13	J82-34	150D_W_S07_T
J83-14	J82-33	150D_W_S07_R
J83-15	J82-36	150D_W_S08_T
J83-16	J82-35	150D_W_S08_R
J83-17	J82-38	150D_W_S09_T
J83-18	J82-37	150D_W_S09_R
J83-19	J82-40	150D_W_S10_T
J83-20	J82-39	150D_W_S10_R
J83-21	J84-21	BSEL_01A
J83-22	J84-22	BSEL_02A
J83-23	J84-23	BSEL_03A
J83-24	J84-24	BSEL_04A
J83-25	J84-25	BSEL_05A
J83-26	J84-26	BSEL_06A
J83-27	J84-27	BSEL_07A
J83-28	J84-28	BSEL_08A
J83-29	J84-29	BSEL_09A
J83-30	J84-30	BSEL_10A
J83-31		n/c
J83-32		n/c
J83-33		n/c
J83-34		n/c
J83-35		n/c
J83-36		n/c
J83-37		n/c
J83-38		n/c
J83-39		n/c
J83-40		n/c
J83-41		n/c
J83-42		n/c
J83-43		n/c
J83-44		n/c
J83-45		n/c
J83-46		n/c
J83-47		n/c
J83-48		n/c
J83-49		n/c
J83-50		n/c

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DIGITAL CROSS CONNECT-J84

FROM	TO	FUNCTION
J84-1-1	J27-19	BSEL_01D
	J37-19	
	J47-19	
J84-2-2	J28-19	BSEL_02D
	J38-19	
	J48-19	
J84-3-3	J29-19	BSEL_03D
	J39-19	
	J49-19	
J84-4-4	J30-19	BSEL_04D
	J40-19	
	J50-19	
J84-5-5	J31-19	BSEL_05D
	J41-19	
	J51-19	
J84-6-6	J32-19	BSEL_06D
	J42-19	
	J52-19	
J84-7-7	J33-19	BSEL_07D
	J43-19	
	J53-19	
J84-8-8	J34-19	BSEL_08D
	J44-19	
	J54-19	
J84-9-9	J35-19	BSEL_09D
	J45-19	
	J55-19	
J84-10-10	J36-19	BSEL_10D
	J46-19	
	J56-19	
J84-11-11		n/c
J84-12-12		n/c
J84-13-13		n/c
J84-14-14		n/c
J84-15-15		n/c
J84-16-16		n/c
J84-17-17		n/c
J84-18-18		n/c
J84-19-19		n/c
J84-20-20		n/c
J84-21-21	J83-21	BSEL_01A
J84-22-22	J83-22	BSEL_02A
J84-23-23	J83-23	BSEL_03A
J84-24-24	J83-24	BSEL_04A
J84-25-25	J83-25	BSEL_05A
J84-26-26	J83-26	BSEL_06A
J84-27-27	J83-27	BSEL_07A
J84-28-28	J83-28	BSEL_08A
J84-29-29	J83-29	BSEL_09A
J84-30-30	J83-30	BSEL_10A
J84-31-31	J67-17	ALARM_13_INPUT
J84-32-32	J67-18	ALARM_14_INPUT
J84-33-33	J67-19	ALARM_15_INPUT
J84-34-34	J67-20	ALARM_16_INPUT
J84-35-35	J67-21	ALARM_17_INPUT
J84-36-36	J67-22	ALARM_18_INPUT
J84-37-37	J67-23	ALARM_19_INPUT
J84-38-38	J67-24	ALARM_20_INPUT
J84-39-39	J67-25	ALARM_21_INPUT
J84-40-40	J67-26	ALARM_22_INPUT
J84-41-41	•	GND
J84-42-42	•	GND
J84-43-43	J68-3	R1_COM
J84-44-44	J68-4	R2_COM
J84-45-45	J68-5	R1_NC
J84-46-46	J68-6	R2_NC
J84-47-47	J68-7	R1_NO
J84-48-48	J68-8	R2_NO
J84-49-49	J70-10	SYNCCTRL
	J97-4	
J84-50-50	•	GND

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DIGITAL CROSS CONNECT-J85 & J86

FROM	TO	FUNCTION
J85-2	J1-41	9.6D_GOUT_CH01
J85-1	J1-42	9.6D_GGND_CH01
J85-4	J2-41	9.6D_GOUT_CH02
J85-3	J2-42	9.6D_GGND_CH02
J85-6	J3-41	9.6D_GOUT_CH03
J85-5	J3-42	9.6D_GGND_CH03
J85-8	J4-41	9.6D_GOUT_CH04
J85-7	J4-42	9.6D_GGND_CH04
J85-10	J5-41	9.6D_GOUT_CH05
J85-9	J5-42	9.6D_GGND_CH05
J85-12	J6-41	9.6D_GOUT_CH06
J85-11	J6-42	9.6D_GGND_CH06
J85-14	J7-41	9.6D_GOUT_CH07
J85-13	J7-42	9.6D_GGND_CH07
J85-16	J8-41	9.6D_GOUT_CH08
J85-15	J8-42	9.6D_GGND_CH08
J85-18	J9-41	9.6D_GOUT_CH09
J85-17	J9-42	9.6D_GGND_CH09
J85-20	J10-41	9.6D_GOUT_CH10
J85-19	J10-42	9.6D_GGND_CH10
J85-22	J11-41	9.6D_GOUT_CH11
J85-21	J11-42	9.6D_GGND_CH11
J85-24	J12-41	9.6D_GOUT_CH12
J85-23	J12-42	9.6D_GGND_CH12
J85-26	J13-41	9.6D_GOUT_CH13
J85-25	J13-42	9.6D_GGND_CH13
J85-28	J14-41	9.6D_GOUT_CH14
J85-27	J14-42	9.6D_GGND_CH14
J85-30	J15-41	9.6D_GOUT_CH15
J85-29	J15-42	9.6D_GGND_CH15
J85-32	J16-41	9.6D_GOUT_CH16
J85-31	J16-42	9.6D_GGND_CH16
J85-34	J17-41	9.6D_GOUT_CH17
J85-33	J17-42	9.6D_GGND_CH17
J85-36	J18-41	9.6D_GOUT_CH18
J85-35	J18-42	9.6D_GGND_CH18
J85-38	J19-41	9.6D_GOUT_CH19
J85-37	J19-42	9.6D_GGND_CH19
J85-40	J20-41	9.6D_GOUT_CH20
J85-39	J20-42	9.6D_GGND_CH20
J85-42	J21-41	9.6D_GOUT_CH21
J85-41	J21-42	9.6D_GGND_CH21
J85-44	J22-41	9.6D_GOUT_CH22
J85-43	J22-42	9.6D_GGND_CH22
J85-46	J23-41	9.6D_GOUT_CH23
J85-45	J23-42	9.6D_GGND_CH23
J85-48	J24-41	9.6D_GOUT_CH24
J85-47	J24-42	9.6D_GGND_CH24
J85-49		n/c
J85-50		n/c
J86-2	J71-4	9.6D_GOUTA_CH01
J86-1	J71-3	9.6D_GGNDA_CH01
J86-4	J71-16	9.6D_GOUTA_CH02
J86-3	J71-15	9.6D_GGNDA_CH02
J86-6	J71-28	9.6D_GOUTA_CH03
J86-5	J71-27	9.6D_GGNDA_CH03
J86-8	J71-40	9.6D_GOUTA_CH04
J86-7	J71-39	9.6D_GGNDA_CH04
J86-10	J72-4	9.6D_GOUTA_CH05
J86-9	J72-3	9.6D_GGNDA_CH05
J86-12	J72-16	9.6D_GOUTA_CH06
J86-11	J72-15	9.6D_GGNDA_CH06
J86-14	J72-28	9.6D_GOUTA_CH07
J86-13	J72-27	9.6D_GGNDA_CH07
J86-16	J72-40	9.6D_GOUTA_CH08
J86-15	J72-39	9.6D_GGNDA_CH08
J86-17	J73-3	9.6D_GGNDA_CH09
J86-20	J73-16	9.6D_GOUTA_CH10
J86-19	J73-15	9.6D_GGNDA_CH10
J86-22	J73-28	9.6D_GOUTA_CH11
J86-21	J73-27	9.6D_GGNDA_CH11
J86-24	J73-41	9.6D_GOUTA_CH12
J86-23	J73-39	9.6D_GGNDA_CH12
J86-26	J74-1	9.6D_GOUTA_CH13
J86-25	J74-3	9.6D_GGNDA_CH13
J86-28	J74-16	9.6D_GOUTA_CH14
J86-27	J74-15	9.6D_GGNDA_CH14
J86-30	J74-28	9.6D_GOUTA_CH15
J86-29	J74-27	9.6D_GGNDA_CH15
J86-32	J74-40	9.6D_GOUTA_CH16
J86-31	J74-39	9.6D_GGNDA_CH16
J86-34	J75-4	9.6D_GOUTA_CH17
J86-33	J75-3	9.6D_GGNDA_CH17
J86-36	J75-16	9.6D_GOUTA_CH18
J86-35	J75-15	9.6D_GGNDA_CH18
J86-38	J75-28	9.6D_GOUTA_CH19
J86-37	J75-27	9.6D_GGNDA_CH19
J86-40	J75-40	9.6D_GOUTA_CH20
J86-39	J75-39	9.6D_GGNDA_CH20
J86-42	J76-4	9.6D_GOUTA_CH21
J86-41	J76-3	9.6D_GGNDA_CH21
J86-44	J76-16	9.6D_GOUTA_CH22
J86-43	J76-15	9.6D_GGNDA_CH22
J86-46	J76-28	9.6D_GOUTA_CH23
J86-45	J76-27	9.6D_GGNDA_CH23
J86-48	J76-40	9.6D_GOUTA_CH24
J86-47	J76-39	9.6D_GGNDA_CH24
J86-49		n/c
J86-50		n/c

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DIGITAL CROSS CONNECT-J87

FROM	TO	FUNCTION
J87-2	J27-28	DCLKA01
	J82-1	
	J87-10	
	J87-18	
J87-1	♦	GND
J87-4	J27-27	DCLKB01
	J87-12	
	J87-20	
J87-3	♦	GND
J87-6	J27-26	DCLKC01
	J87-14	
J87-5	♦	GND
J87-8	J27-25	DCLKD01
	J87-16	
J87-7	♦	GND
J87-10	J27-28	DCLKA01
	J82-1	
	J87-2	
	J87-18	
J87-9	♦	GND
J87-12	J27-27	DCLKB01
	J87-4	
	J87-20	
J87-11	♦	GND
J87-14	J27-26	DCLKC01
	J87-6	
J87-13	♦	GND
J87-16	J27-25	DCLKD01
	J87-8	
J87-15	♦	GND
J87-18	J27-28	DCLKA01
	J82-1	
	J87-2	
	J87-10	
J87-17	♦	GND
J87-20	J27-27	DCLKB01
	J87-4	
	J87-12	
J87-19	♦	GND
J87-22	J37-28	DCLKAA01
	J87-30	
	J87-38	
J87-21	♦	GND
J87-24	J37-27	DCLKBB01
	J87-32	
	J87-40	
J87-23	♦	GND
J87-26	J37-26	DCLKCC01
	J87-34	
J87-25	♦	GND
J87-28	J37-25	DCLKDD01
	J87-36	
J87-27	♦	GND
J87-30	J37-28	DCLKAA01
	J87-22	
	J87-38	
J87-29	♦	GND
J87-32	J37-27	DCLKBB01
	J87-24	
	J87-40	
J87-31	♦	GND
J87-34	J37-26	DCLKCC01
	J87-26	
J87-33	♦	GND
J87-36	J37-25	DCLKDD01
	J87-28	
J87-35	♦	GND
J87-38	J37-28	DCLKAA01
	J87-22	
	J87-30	
J87-37	♦	GND
J87-40	J37-27	DCLKBB01
	J87-24	
	J87-32	
J87-39	♦	GND
J87-42	J47-28	DCLKAAA01
J87-41	♦	GND
J87-44	J47-27	DCLKBBB01
J87-43	♦	GND
J87-46	J47-26	DCLKCCC01
J87-45	♦	GND
J87-48	J47-25	DCLKDDD01
J87-47	♦	GND
J87-49	♦	n/c
J87-50	♦	n/c

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DIGITAL CROSS CONNECT-J88

FROM	TO	FUNCTION
J88-2	J28-28	DCLKA02
	J82-3	
	J88-10	
	J88-18	
J88-1	♦	GND
J88-4	J28-27	DCLKB02
	J88-12	
	J88-20	
J88-3	♦	GND
J88-6	J28-26	DCLKC02
	J88-14	
J88-5	♦	GND
J88-8	J28-25	DCLKD02
	J88-16	
J88-7	♦	GND
J88-10	J28-28	DCLKA02
	J82-3	
	J88-2	
	J88-18	
J88-9	♦	GND
J88-12	J28-27	DCLKB02
	J88-4	
	J88-20	
J88-11	♦	GND
J88-14	J28-26	DCLKC02
	J88-6	
J88-13	J28-25	GND
J88-16	J88-8	DCLKD02
J88-15	♦	GND
J88-18	J28-28	DCLKA02
	J82-3	
	J88-2	
	J88-10	
J88-17	♦	GND
J88-20	J28-27	DCLKB02
	J88-4	
	J88-12	
J88-19	♦	GND
J88-22	J38-28	DCLKAA02
	J88-30	
	J88-38	
J88-21	♦	GND
J88-24	J38-27	DCLKBB02
	J88-32	
	J88-40	
J88-23	♦	GND
J88-26	J38-26	DCLKCC02
	J88-34	
J88-25	♦	GND
J88-28	J38-25	DCLKDD02
	J88-36	
J88-27	♦	GND
J88-30	J38-28	DCLKAA02
	J88-22	
	J88-38	
J88-29	♦	GND
J88-32	J38-27	DCLKBB02
	J88-24	
	J88-40	
J88-31	♦	GND
J88-34	J38-26	DCLKCC02
	J88-26	
J88-33	♦	GND
J88-36	J38-25	DCLKDD02
	J88-28	
J88-35	♦	GND
J88-38	J38-28	DCLKAA02
	J88-22	
	J88-30	
J88-37	♦	GND
J88-40	J38-27	DCLKBB02
	J88-24	
	J88-32	
J88-39	♦	GND
J88-42	J48-28	DCLKAAA02
J88-41	♦	GND
J88-44	J48-27	DCLKBBB02
J88-43	♦	GND
J88-46	J48-26	DCLKCCC02
J88-45	♦	GND
J88-48	J48-25	DCLKDDD02
J88-47	♦	GND
J88-49	♦	n/c
J88-50	♦	n/c

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DIGITAL CROSS CONNECT-J89

FROM	TO	FUNCTION
J89-2	J29-28	DCLKA03
	J82-5	
	J89-10	
	J89-18	
J89-1	♦	GND
J89-4	J29-27	DCLKB03
	J89-12	
	J89-20	
J89-3	♦	GND
J89-6	J29-26	DCLKC03
	J89-14	
J89-5	♦	GND
J89-8	J29-25	DCLKD03
	J89-16	
J89-7	♦	GND
J89-10	J29-28	DCLKA03
	J82-5	
	J89-2	
	J89-18	
J89-9	♦	GND
J89-12	J29-27	DCLKB03
	J89-4	
	J89-20	
J89-11	♦	GND
J89-14	J29-26	DCLKC03
	J89-6	
J89-13	J29-25	GND
J89-16	J89-8	DCLKD03
J89-15	♦	GND
J89-18	J29-28	DCLKA03
	J89-2	
	J89-10	
J89-17	♦	GND
J89-20	J29-27	DCLKB03
	J89-4	
	J89-12	
J89-19	♦	GND
J89-22	J39-28	DCLKAA03
	J89-30	
	J89-38	
J89-21	♦	GND
J89-24	J39-27	DCLKBB03
	J89-32	
	J89-40	
J89-23	♦	GND
J89-26	J39-26	DCLKCC03
	J89-34	
J89-25	♦	GND
J89-28	J39-25	DCLKDD03
	J89-36	
J89-27	♦	GND
J89-30	J39-28	DCLKAA03
	J89-22	
	J89-38	
J89-29	♦	GND
J89-32	J39-27	DCLKBB03
	J89-24	
	J89-40	
J89-31	♦	GND
J89-34	J39-26	DCLKCC03
	J89-26	
J89-33	♦	GND
J89-36	J39-25	DCLKDD03
	J89-28	
J89-35	♦	GND
J89-38	J39-28	DCLKAA03
	J89-22	
	J89-30	
J89-37	♦	GND
J89-40	J39-27	DCLKBB03
	J89-24	
	J89-32	
J89-39	♦	GND
J89-42	J49-28	DCLKAAA03
J89-41	♦	GND
J89-44	J49-27	DCLKBBB03
J89-43	♦	GND
J89-46	J49-26	DCLKCCC03
J89-45	♦	GND
J89-48	J49-25	DCLKDDD03
J89-47	♦	GND
J89-49	♦	n/c
J89-50	♦	n/c

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DIGITAL CROSS CONNECT-J90

FROM	TO	FUNCTION
J90-2	J30-28	DCLKA04
	J82-7	
	J90-10	
	J90-18	
J90-1	♦	GND
J90-4	J30-27	DCLKB04
	J90-12	
	J90-20	
J90-3	♦	GND
J90-6	J30-26	DCLKC04
	J90-14	
J90-5	♦	GND
J90-8	J30-25	DCLKD04
	J90-16	
J90-7	♦	GND
J90-10	J30-28	DCLKA04
	J82-7	
	J90-2	
	J90-18	
J90-9	♦	GND
J90-12	J30-27	DCLKB04
	J90-4	
	J90-20	
J90-11	♦	GND
J90-14	J30-26	DCLKC04
	J90-6	
J90-13	J30-25	GND
J90-16	J90-8	DCLKD04
J90-15	♦	GND
J90-18	J30-28	DCLKA04
	J82-7	
	J90-2	
	J90-10	
J90-17	♦	GND
J90-20	J30-27	DCLKB04
	J90-4	
	J90-12	
J90-19	♦	GND
J90-22	J40-28	DCLKAA04
	J90-30	
	J90-38	
J90-21	♦	GND
J90-24	J40-27	DCLKBB04
	J90-32	
	J90-40	
J90-23	♦	GND
J90-26	J40-26	DCLKCC04
	J90-34	
J90-25	♦	GND
J90-28	J40-25	DCLKDD04
	J90-36	
J90-27	♦	GND
J90-30	J40-28	DCLKAA04
	J90-22	
	J90-38	
J90-29	♦	GND
J90-32	J40-27	DCLKBB04
	J90-24	
	J90-40	
J90-31	♦	GND
J90-34	J40-26	DCLKCC04
	J90-26	
J90-33	♦	GND
J90-36	J40-25	DCLKDD04
	J90-28	
J90-35	♦	GND
J90-38	J40-28	DCLKAA04
	J90-22	
	J90-30	
J90-37	♦	GND
J90-40	J40-27	DCLKBB04
	J90-24	
	J90-32	
J90-39	♦	GND
J90-42	J50-28	DCLKAAA04
J90-41	♦	GND
J90-44	J50-27	DCLKBBB04
J90-43	♦	GND
J90-46	J50-26	DCLKCCC04
J90-45	♦	GND
J90-48	J50-25	DCLKDDD04
J90-47	♦	GND
J90-49	♦	n/c
J90-50	♦	n/c

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DIGITAL CROSS CONNECT-J91

FROM	TO	FUNCTION
J91-2	J31-28	DCLKA05
J82-9		
J91-10		
J91-18		
J91-1	•	GND
J91-4	J31-27	DCLKB05
J91-12		
J91-20		
J91-3	•	GND
J91-6	J31-26	DCLKC05
J91-14		
J91-5	•	GND
J91-8	J31-25	DCLKD05
J91-16		
J91-7	•	GND
J91-10	J31-28	DCLKA05
J82-9		
J91-2		
J91-18		
J91-9	•	GND
J91-12	J31-27	DCLKB05
J91-4		
J91-20		
J91-11	•	GND
J91-14	J31-26	DCLKC05
J91-6		
J91-13	•	GND
J91-16	J31-25	DCLKD05
J91-8		

FROM	TO	FUNCTION
J91-15	•	GND
J91-18	J31-28	DCLKA05
J82-9		
J91-2		
J91-10		
J91-17	•	GND
J91-20	J31-27	DCLKB05
J91-4		
J91-12		
J91-19	•	GND
J91-22	J41-28	DCLKAA05
J91-30		
J91-38		
J91-21	•	GND
J91-24	J41-27	DCLKBB05
J91-32		
J91-40		
J91-23	•	GND

FROM	TO	FUNCTION
J91-26	J41-26	DCLKCC05
J91-34		
J91-25	•	GND
J91-28	J41-25	DCLKDD05
J91-36		
J91-27	•	GND
J91-30	J41-28	DCLKAA05
J91-22		
J91-38		

FROM	TO	FUNCTION
J91-29	•	GND
J91-32	J41-27	DCLKBB05
J91-24		
J91-40		
J91-31	•	GND
J91-34	J41-26	DCLKCC05
J91-26		
J91-33	•	GND
J91-36	J41-25	DCLKDD05
J91-28		
J91-35	•	GND
J91-38	J41-28	DCLKAA05
J91-22		
J91-30		
J91-37	•	GND
J91-40	J41-27	DCLKBB05
J91-24		
J91-32		
J91-39	•	GND
-42	J51-28	DCLKAAA05
J91-41	•	GND
J91-44	J51-27	DCLKBBB05
J91-43	•	GND
J91-46	J51-26	DCLKCCC05
J91-45	•	GND
J91-48	J51-25	DCLKDDD05
J91-47	•	GND
J91-49		n/c
J91-50		n/c

DIGITAL CROSS CONNECT-J91 — 1911-ROA 117 2225 SH.69 REV. A

DIGITAL CROSS CONNECT-J92

FROM	TO	FUNCTION
J92-2	J32-28	DCLKA06
J82-11		
J92-10		
J92-18		
J92-1	•	GND
J92-4	J32-27	DCLKB06
J92-12		
J92-20		
J92-3	•	GND
J92-6	J32-26	DCLKC06
J92-14		
J92-5	•	GND
J92-8	J32-25	DCLKD06
J92-16		
J92-7	•	GND
J92-10	J32-28	DCLKA06
J82-11		
J92-2		
J92-18		
J92-9	•	GND
J92-12	J32-27	DCLKB06
J92-4		
J92-20		
J92-11	•	GND
J92-14	J32-26	DCLKC06
J92-6		
J92-13	•	GND
J92-16	J32-25	DCLKD06
J92-8		

FROM	TO	FUNCTION
J92-15	•	GND
J92-18	J32-28	DCLKA06
J82-11		
J92-2		
J92-10		
J92-17	•	GND
J92-20	J32-27	DCLKB06
J92-4		
J92-12		
J92-19	•	GND
J92-22	J42-28	DCLKAA06
J92-30		
J92-38		
J92-21	•	GND
J92-24	J42-27	DCLKBB06
J92-32		
J92-40		
J92-23	•	GND

FROM	TO	FUNCTION
J92-26	J42-26	DCLKCC06
J92-34		
J92-25	•	GND
J92-28	J42-25	DCLKDD06
J92-36		
J92-27	•	GND
J92-30	J42-28	DCLKAA06
J92-22		
J92-38		

FROM	TO	FUNCTION
J92-29	•	GND
J92-32	J42-27	DCLKBB06
J92-24		
J92-40		
J92-31	•	GND
J92-34	J42-26	DCLKCC06
J92-26		
J92-33	•	GND
J92-36	J42-25	DCLKDD06
J92-28		
J92-35	•	GND
J92-38	J42-28	DCLKAA06
J92-22		
J92-30		
J92-37	•	GND
J92-40	J42-27	DCLKBB06
J92-24		
J92-32		
J92-39	•	GND
J92-42	J52-28	DCLKAAA06
J92-41	•	GND
J92-44	J52-27	DCLKBBB06
J92-43	•	GND
J92-46	J52-26	DCLKCCC06
J92-45	•	GND
J92-48	J52-25	DCLKDDD06
J92-47	•	GND
J92-49		n/c
J92-50		n/c

DIGITAL CROSS CONNECT-J92 — 1911-ROA 117 2225 SH.70 REV. A

DIGITAL CROSS CONNECT-J93

FROM	TO	FUNCTION
J93-2	J33-28	DCLKA07
J82-13		
J93-10		
J93-18		
J93-1	•	GND
J93-4	J33-27	DCLKB07
J93-12		
J93-20		
J93-3	•	GND
J93-6	J33-26	DCLKC07
J93-14		
J93-5	•	GND
J93-8	J33-25	DCLKD07
J93-16		
J93-7	•	GND
J93-10	J33-28	DCLKA07
J82-13		
J93-2		
J93-18		
J93-9	•	GND
J93-12	J33-27	DCLKB07
J93-4		
J93-20		
J93-11	•	GND
J93-14	J33-26	DCLKC07
J93-6		
J93-13	•	GND
J93-16	J33-25	DCLKD07
J93-8		

FROM	TO	FUNCTION
J93-15	•	GND
J93-18	J33-28	DCLKA07
J82-13		
J93-2		
J93-10		
J93-17	•	GND
J93-20	J33-27	DCLKB07
J93-4		
J93-12		
J93-19	•	GND
J93-22	J43-28	DCLKAA07
J93-30		
J93-38		
J93-21	•	GND
J93-24	J43-27	DCLKBB07
J93-32		
J93-40		
J93-23	•	GND

FROM	TO	FUNCTION
J93-26	J43-26	DCLKCC07
J93-34		
J93-25	•	GND
J93-28	J43-25	DCLKDD07
J93-36		
J93-27	•	GND
J93-30	J43-28	DCLKAA07
J93-22		
J93-38		

FROM	TO	FUNCTION
J93-29	•	GND
J93-32	J43-27	DCLKBB07
J93-24		
J93-40		
J93-31	•	GND
J93-34	J43-26	DCLKCC07
J93-26		
J93-33	•	GND
J93-36	J43-25	DCLKDD07
J93-28		
J93-35	•	GND
J93-38	J43-28	DCLKAA07
J93-22		
J93-30		
J93-37	•	GND
J93-40	J43-27	DCLKBB07
J93-24		
J93-32		
J93-39	•	GND
J93-42	J53-28	DCLKAAA07
J93-41	•	GND
J93-44	J53-27	DCLKBBB07
J93-43	•	GND
J93-46	J53-26	DCLKCCC07
J93-45	•	GND
J93-48	J53-25	DCLKDDD07
J93-47	•	GND
J93-49		n/c
J93-50		n/c

DIGITAL CROSS CONNECT-J93 — 1911-ROA 117 2225 SH.71 REV. A

DIGITAL CROSS CONNECT-J94

FROM	TO	FUNCTION
J94-2	J34-28	DCLKA08
J82-15		
J94-10		
J94-18		
J94-1	•	GND
J94-4	J34-27	DCLKB08
J94-12		
J94-20		
J94-3	•	GND
J94-6	J34-26	DCLKC08
J94-14		
J94-5	•	GND
J94-8	J34-25	DCLKD08
J94-16		
J94-7	•	GND
J94-10	J34-28	DCLKA08
J82-15		
J94-2		
J94-18		
J94-9	•	GND
J94-12	J34-27	DCLKB08
J94-4		
J94-20		
J94-11	•	GND
J94-14	J34-26	DCLKC08
J94-6		
J94-13	•	GND
J94-16	J34-25	DCLKD08
J94-8		

FROM	TO	FUNCTION
J94-15	•	GND
J94-18	J34-28	DCLKA08
J82-15		
J94-2		
J94-10		
J94-17	•	GND
J94-20	J34-27	DCLKB08
J94-4		
J94-12		
J94-19	•	GND
J94-22	J44-28	DCLKAA08
J94-30		
J94-38		
J94-21	•	GND
J94-24	J44-27	DCLKBB08
J94-32		
J94-40		
J94-23	•	GND

FROM	TO	FUNCTION
J94-26	J44-26	DCLKCC08
J94-34		
J94-25	•	GND
J94-28	J44-25	DCLKDD08
J94-36		
J94-27	•	GND
J94-30	J44-28	DCLKAA08
J94-22		
J94-38		

FROM	TO	FUNCTION
J94-29	•	GND
J94-32	J44-27	DCLKBB08
J94-24		
J94-40		
J94-31	•	GND
J94-34	J44-26	DCLKCC08
J94-26		
J94-33	•	GND
J94-36	J44-25	DCLKDD08
J94-28		
J94-35	•	GND
J94-38	J44-28	DCLKAA08
J94-22		
J94-30		
J94-37	•	GND
J94-40	J44-27	DCLKBB08
J94-24		
J94-32		
J94-39	•	GND
J94-42	J54-28	DCLKAAA08
J94-41	•	GND
J94-44	J54-27	DCLKBBB08
J94-43	•	GND
J94-46	J54-26	DCLKCCC08
J94-45	•	GND
J94-48	J54-25	DCLKDDD08
J94-47	•	GND
J94-49		n/c
J94-50		n/c

DIGITAL CROSS CONNECT-J94 — 1911-ROA 117 2225 SH.72 REV. A

DIGITAL CROSS CONNECT-J95 — 1911-ROA 117 2225 SH.73 REV. A

FROM	TO	FUNCTION
J95-2	J35-28	DCLKAO9
	J82-17	
	J95-10	
	J95-18	
J95-1	•	GND
J95-4	J35-27	DCLKBO9
	J95-12	
	J95-20	
J95-3	•	GND
J95-6	J35-26	DCLKCO9
	J95-14	
J95-5	•	GND
J95-8	J35-25	DCLKDO9
	J95-16	
J95-7	•	GND
J95-10	J35-28	DCLKAO9
	J82-17	
	J95-2	
	J95-18	
J95-9	•	GND
J95-12	J35-27	DCLKBO9
	J95-4	
	J95-20	
J95-11	•	GND
J95-14	J35-26	DCLKCO9
	J95-6	
J95-13	•	GND
J95-16	J35-25	DCLKDO9
	J95-8	

FROM	TO	FUNCTION
J95-15	•	GND
J95-18	J35-28	DCLKAO9
	J82-17	
	J95-2	
	J95-10	
J95-17	•	GND
J95-20	J35-27	DCLKBO9
	J95-4	
	J95-12	
J95-19	•	GND
J95-22	J45-28	DCLKAAO9
	J95-30	
	J95-38	
J95-21	•	GND
J95-24	J45-27	DCLKBBO9
	J95-32	
	J95-40	
J95-23	•	GND

FROM	TO	FUNCTION
J95-26	J45-26	DCLKCCO9
	J95-34	
J95-25	•	GND
J95-28	J45-25	DCLKDDO9
	J95-36	
J95-27	•	GND
J95-30	J45-28	DCLKAAO9
	J95-22	
	J95-38	

FROM	TO	FUNCTION
J95-29	•	GND
J95-32	J45-27	DCLKBBO9
	J95-24	
	J95-40	
J95-31	•	GND
J95-34	J45-26	DCLKCCO9
	J95-26	
J95-33	•	GND
J95-36	J45-25	DCLKDDO9
	J95-28	
J95-35	•	GND
J95-38	J45-28	DCLKAAO9
	J95-22	
	J95-30	
J95-37	•	GND
J95-40	J45-27	DCLKBBO9
	J95-24	
	J95-32	
J95-39	•	GND
J95-42	J55-28	DCLKAAAO9
J95-41	•	GND
J95-44	J55-27	DCLKBBBO9
J95-43	•	GND
J95-46	J55-26	DCLKCCCO9
J95-45	•	GND
J95-48	J55-25	DCLKDDDO9
J95-47	•	GND
J95-49		n/c
J95-50		n/c

DIGITAL CROSS CONNECT-X97 & J98 — 1911-ROA 117 2225 SH.75 REV. A

FROM	TO	FUNCTION
J97-3	•	GND
J97-4	J70-10	SYNCCTRL
	J84-49	
J97-1		n/c
J97-2		n/c
J97-5		n/c
J97-6		n/c
J98-2	J1-43	9.6C_GOUT_CHO1
J98-1	J1-44	9.6C_GGND_CHO1
J98-4	J2-43	9.6C_GOUT_CHO2
J98-3	J2-44	9.6C_GGND_CHO2
J98-6	J3-43	9.6C_GOUT_CHO3
J98-5	J3-44	9.6C_GGND_CHO3
J98-8	J4-43	9.6C_GOUT_CHO4
J98-7	J4-44	9.6C_GGND_CHO4
J98-10	J5-43	9.6C_GOUT_CHO5
J98-9	J5-44	9.6C_GGND_CHO5
J98-12	J6-43	9.6C_GOUT_CHO6
J98-11	J6-44	9.6C_GGND_CHO6
J98-14	J7-43	9.6C_GOUT_CHO7
J98-13	J7-44	9.6C_GGND_CHO7
J98-16	J8-43	9.6C_GOUT_CHO8

FROM	TO	FUNCTION
J98-15	J8-44	9.6C_GGND_CHO8
J98-18	J9-43	9.6C_GOUT_CHO9
J98-17	J9-44	9.6C_GGND_CHO9
J98-20	J10-43	9.6C_GOUT_CH10
J98-19	J10-44	9.6C_GGND_CH10
J98-22	J11-43	9.6C_GOUT_CH11
J98-21	J11-44	9.6C_GGND_CH11
J98-24	J12-43	9.6C_GOUT_CH12
J98-23	J12-44	9.6C_GGND_CH12

FROM	TO	FUNCTION
J98-26	J13-43	9.6C_GOUT_CH13
J98-25	J13-44	9.6C_GGND_CH13
J98-28	J14-43	9.6C_GOUT_CH14
J98-27	J14-44	9.6C_GGND_CH14
J98-30	J15-43	9.6C_GOUT_CH15

FROM	TO	FUNCTION
J98-29	J15-44	9.6C_GGND_CH15
J98-32	J16-43	9.6C_GOUT_CH16
J98-31	J16-44	9.6C_GGND_CH16
J98-34	J17-43	9.6C_GOUT_CH17
J98-33	J17-44	9.6C_GGND_CH17
J98-36	J18-43	9.6C_GOUT_CH18
J98-35	J18-44	9.6C_GGND_CH18
J98-38	J19-43	9.6C_GOUT_CH19
J98-37	J19-44	9.6C_GGND_CH19
J98-40	J20-43	9.6C_GOUT_CH20
J98-39	J20-44	9.6C_GGND_CH20
J98-42	J21-43	9.6C_GOUT_CH21
J98-41	J21-44	9.6C_GGND_CH21
J98-44	J22-43	9.6C_GOUT_CH22
J98-43	J22-44	9.6C_GGND_CH22
J98-46	J23-43	9.6C_GOUT_CH23
J98-45	J23-44	9.6C_GGND_CH23
J98-48	J24-43	9.6C_GOUT_CH24
J98-47	J24-44	9.6C_GGND_CH24
J98-49		n/c
J98-50		n/c

DIGITAL CROSS CONNECT-J96 — 1911-ROA 117 2225 SH.74 REV. A

FROM	TO	FUNCTION
J96-2	J36-28	DCLKAI0
	J82-19	
	J96-10	
	J96-18	
J96-1	•	GND
J96-4	J36-27	DCLKBI0
	J96-12	
	J96-20	
J96-3	•	GND
J96-6	J36-26	DCLKCI0
	J96-14	
J96-5	•	GND
J96-8	J36-25	DCLKDI0
	J96-16	
J96-7	•	GND
J96-10	J36-28	DCLKAI0
	J82-19	
	J96-2	
	J96-18	
J96-9	•	GND
J96-12	J36-27	DCLKBI0
	J96-4	
	J96-20	
J96-11	•	GND
J96-14	J36-26	DCLKCI0
	J96-6	
J96-13	•	GND
J96-16	J36-25	DCLKDI0
	J96-8	

FROM	TO	FUNCTION
J96-15	•	GND
J96-18	J36-28	DCLKAI0
	J82-19	
	J96-2	
	J96-10	
J96-17	•	GND
J96-20	J36-27	DCLKBI0
	J96-4	
	J96-12	
J96-19	•	GND
J96-22	J46-28	DCLKAAI0
	J96-30	
	J96-38	
J96-21	•	GND
J96-24	J46-27	DCLKBBI0
	J96-32	
	J96-40	
J96-23	•	GND

FROM	TO	FUNCTION
J96-26	J46-26	DCLKCCI0
	J96-34	
J96-25	•	GND
J96-28	J46-25	DCLKDDI0
	J96-36	
J96-27	•	GND
J96-30	J46-28	DCLKAAI0
	J96-22	
	J96-38	

FROM	TO	FUNCTION
J96-29	•	GND
J96-32	J46-27	DCLKBBI0
	J96-24	
	J96-40	
J96-31	•	GND
J96-34	J46-26	DCLKCCI0
	J96-26	
J96-33	•	GND
J96-36	J46-25	DCLKDDI0
	J96-28	
J96-35	•	GND
J96-38	J46-28	DCLKAAI0
	J96-22	
	J96-30	
J96-37	•	GND
J96-40	J46-27	DCLKBBI0
	J96-24	
	J96-32	
J96-39	•	GND
J96-42	J56-28	DCLKAAAI0
J96-41	•	GND
J96-44	J56-27	DCLKBBBI0
J96-43	•	GND
J96-46	J56-26	DCLKCCCI0
J96-45	•	GND
J96-48	J56-25	DCLKDDDI0
J96-47	•	GND
J96-49		n/c
J96-50		n/c

DIGITAL CROSS CONNECT-J99 & J100 — 1911-ROA 117 2225 SH.76 REV. A

FROM	TO	FUNCTION
J99-2	J71-2	9.6C_GOUTA_CHO1
J99-1	J71-1	9.6C_GGNDA_CHO1
J99-4	J71-14	9.6C_GOUTA_CHO2
J99-3	J71-13	9.6C_GGNDA_CHO2
J99-6	J71-26	9.6C_GOUTA_CHO3
J99-5	J71-25	9.6C_GGNDA_CHO3
J99-8	J71-38	9.6C_GOUTA_CHO4
J99-7	J71-37	9.6C_GGNDA_CHO4
J99-10	J72-2	9.6C_GOUTA_CHO5
J99-9	J72-1	9.6C_GGNDA_CHO5
J99-12	J72-14	9.6C_GOUTA_CHO6
J99-11	J72-13	9.6C_GGNDA_CHO6
J99-14	J72-26	9.6C_GOUTA_CHO7
J99-13	J72-25	9.6C_GGNDA_CHO7
J99-16	J72-38	9.6C_GOUTA_CHO8
J99-15	J72-37	9.6C_GGNDA_CHO8
J99-18	J73-2	9.6C_GOUTA_CHO9
J99-17	J73-1	9.6C_GGNDA_CHO9
J99-20	J73-14	9.6C_GOUTA_CH10
J99-19	J73-13	9.6C_GGNDA_CH10
J99-22	J73-26	9.6C_GOUTA_CH11
J99-21	J73-25	9.6C_GGNDA_CH11
J99-24	J73-38	9.6C_GOUTA_CH12
J99-23	J73-37	9.6C_GGNDA_CH12
J99-26	J74-2	9.6C_GOUTA_CH13
J99-25	J74-1	9.6C_GGNDA_CH13
J99-28	J74-14	9.6C_GOUTA_CH14
J99-27	J74-13	9.6C_GGNDA_CH14
J99-30	J74-26	9.6C_GOUTA_CH15
J99-29	J74-25	9.6C_GGNDA_CH15

FROM	TO	FUNCTION
J99-32	J74-38	9.6C_GOUTA_CH16
J99-31	J74-37	9.6C_GGNDA_CH16
J99-34	J75-2	9.6C_GOUTA_CH17
J99-33	J75-1	9.6C_GGNDA_CH17
J99-36	J75-14	9.6C_GOUTA_CH18
J99-35	J75-13	9.6C_GGNDA_CH18
J99-38	J75-26	9.6C_GOUTA_CH19
J99-37	J75-25	9.6C_GGNDA_CH19
J99-40	J75-38	9.6C_GOUTA_CH20
J99-39	J75-37	9.6C_GGNDA_CH20
J99-42	J76-2	9.6C_GOUTA_CH21
J99-41	J76-1	9.6C_GGNDA_CH21
J99-44	J76-14	9.6C_GOUTA_CH22
J99-43	J76-13	9.6C_GGNDA_CH22
J99-46	J76-26	9.6C_GOUTA_CH23
J99-45	J76-25	9.6C_GGNDA_CH23
J99-48	J76-38	9.6C_GOUTA_CH24
J99-47	J76-37	9.6C_GGNDA_CH24
J99-50		n/c

FROM	TO	FUNCTION
J100-1		n/c
J100-2		n/c
J100-3		n/c
J100-4		n/c
J100-5		n/c
J100-6		n/c
J100-7		n/c
J100-8		n/c
J100-9	J79-37	300HZ_OUT_EXP
J100-10	•	GND
J100-11		n/c
J100-12		n/c
J100-13		n/c
J100-14		n/c
J100-15		n/c
J100-16		n/c
J100-17		n/c
J100-18		n/c
J100-19		n/c
J100-20		n/c
J100-21		n/c
J100-22		n/c
J100-23		n/c
J100-24		n/c
J100-25		n/c
J100-26		n/c
J100-27		n/c
J100-28		n/c
J100-29		n/c
J100-30		n/c

FROM	TO	FUNCTION
J100-31		n/c
J100-32		n/c
J100-33		n/c
J100-34		n/c
J100-35		n/c
J100-36		n/c
J100-37		n/c
J100-38		n/c
J100-39		n/c
J100-40		n/c
J100-41		n/c
J100-42		n/c
J100-43		n/c
J100-44		n/c
J100-45		n/c
J100-46		n/c
J100-47	J82-41	150D_W_EXP_R
J100-48	J82-42	150D_W_EXP_T
J100-49		n/c
J100-50		n/c