Maintenance Manual

Audio Distribution Shelf
SXK 107 3847/4

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Audio Distribution Module ..... AE/LZB 119 1879

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NOTE

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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SPECIFICATIONS

DIMENSIONS (H x W x D)	13.3 cm x 48.26 cm x 24.03 cm (5.22” x 19.00” x 9.5”) (3 Rack Units x 220 mm Card Cage)
VOLTAGE INPUT	+12 Vdc
NUMBER OF CARD SLOTS POPULATED	12
CONNECTORS:	
J1-J7	50 Pin Headers
P01	4 Pin Power Connector
PS01-PS12	96 Pin DIN Connector

CONNECTOR J1

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J1 1	OUT01AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 2	OUT01AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 3	OUT02AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 4	OUT02AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 5	OUT03AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 6	OUT03AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 7	OUT04AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 8	OUT04AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 9	OUT05AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 10	OUT05AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 11	OUT06AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 12	OUT06AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 13	OUT07AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 14	OUT07AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 15	OUT08AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 16	OUT08AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 17	OUT09AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 18	OUT09AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 19	OUT10AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 20	OUT10AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 21	OUT11AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 22	OUT11AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 23	OUT12AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 24	OUT12AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 25	OUT13AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 26	OUT13AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 27	OUT14AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 28	OUT14AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 29	OUT15AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 30	OUT15AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 31	OUT16AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 32	OUT16AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 33	OUT17AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 34	OUT17AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 35	OUT18AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 36	OUT18AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 37	OUT19AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 38	OUT19AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 39	OUT20AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 40	OUT20AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 41	OUT21AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J1 42	OUT21AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 43	OUT22AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 44	OUT22AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 45	OUT23AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 46	OUT23AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 47	OUT24AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 48	OUT24AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J1 49				
J1 50				

CONNECTOR J2

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J2 1	OUT01BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 2	OUT01BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 3	OUT02BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 4	OUT02BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 5	OUT03BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 6	OUT03BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 7	OUT04BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 8	OUT04BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 9	OUT05BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 10	OUT05BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 11	OUT06BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 12	OUT06BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 13	OUT07BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 14	OUT07BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 15	OUT08BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 16	OUT08BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 17	OUT09BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 18	OUT09BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 19	OUT10BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 20	OUT10BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 21	OUT11BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 22	OUT11BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 23	OUT12BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 24	OUT12BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 25	OUT13BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 26	OUT13BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 27	OUT14BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 28	OUT14BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 29	OUT15BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 30	OUT15BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 31	OUT16BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 32	OUT16BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 33	OUT17BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 34	OUT17BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 35	OUT18BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 36	OUT18BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 37	OUT19BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 38	OUT19BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 39	OUT20BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 40	OUT20BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 41	OUT21BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 42	OUT21BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 43	OUT22BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J2 44	OUT22BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 45	OUT23BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 46	OUT23BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 47	OUT24BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 48	OUT24BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J2 49				
J2 50				

CONNECTOR J3

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J3 1	OUT01CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 2	OUT01CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 3	OUT02CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 4	OUT02CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 5	OUT03CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 6	OUT03CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 7	OUT04CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 8	OUT04CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 9	OUT05CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 10	OUT05CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 11	OUT06CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 12	OUT06CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 13	OUT07CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 14	OUT07CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 15	OUT08CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 16	OUT08CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 17	OUT09CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 18	OUT09CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 19	OUT10CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 20	OUT10CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 21	OUT11CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 22	OUT11CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 23	OUT12CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 24	OUT12CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 25	OUT13CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 26	OUT13CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 27	OUT14CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 28	OUT14CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 29	OUT15CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 30	OUT15CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 31	OUT16CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 32	OUT16CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 33	OUT17CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 34	OUT17CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 35	OUT18CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 36	OUT18CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 37	OUT19CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 38	OUT19CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 39	OUT20CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 40	OUT20CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 41	OUT21CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 42	OUT21CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 43	OUT22CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 44	OUT22CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 45	OUT23CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J3 46	OUT23CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 47	OUT24CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 48	OUT24CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J3 49				
J3 50				

CONNECTOR J4

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J41 1	OUT01DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 2	OUT01DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 3	OUT02DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 4	OUT02DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 5	OUT03DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 6	OUT03DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 7	OUT04DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 8	OUT04DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 9	OUT05DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 10	OUT05DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 11	OUT06DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 12	OUT06DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 13	OUT07DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 14	OUT07DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 15	OUT08DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 16	OUT08DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 17	OUT09DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 18	OUT09DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 19	OUT10DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 20	OUT10DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 21	OUT11DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 22	OUT11DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 23	OUT12DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 24	OUT12DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 25	OUT13DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 26	OUT13DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 27	OUT14DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 28	OUT14DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 29	OUT15DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 30	OUT15DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 31	OUT16DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 32	OUT16DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 33	OUT17DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 34	OUT17DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 35	OUT18DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 36	OUT18DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 37	OUT19DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 38	OUT19DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 39	OUT20DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 40	OUT20DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 41	OUT21DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 42	OUT21DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 43	OUT22DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 44	OUT22DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 45	OUT23DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 46	OUT23DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 47	OUT24DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J4 48	OUT24DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J4 49				
J4 50				

CONNECTOR J5

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J5 1	OUT01ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 2	OUT01ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 3	OUT02ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 4	OUT02ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 5	OUT03ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 6	OUT03ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 7	OUT04ER(Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 8	OUT04ET(Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 9	OUT05ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 10	OUT05ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 11	OUT06ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 12	OUT06ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 13	OUT07ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 14	OUT07ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 15	OUT08ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 16	OUT08ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 17	OUT09EAR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 18	OUT09ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 19	OUT10ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 20	OUT10ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 21	OUT11ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 22	OUT11ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 23	OUT12ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 24	OUT12ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 25	OUT13ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 26	OUT13ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 27	OUT14ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 28	OUT14ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 29	OUT15ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 30	OUT15ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 31	OUT16ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 32	OUT16ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 33	OUT17ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 34	OUT17ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 35	OUT18ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 36	OUT18ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 37	OUT19ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 38	OUT19ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 39	OUT20ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 40	OUT20ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 41	OUT21ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 42	OUT21ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 43	OUT22ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 44	OUT22ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 45	OUT23ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 46	OUT23ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 47	OUT24ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 48	OUT24ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J5 49				
J5 50				

CONNECTOR J6

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J6 1	OUT01FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 2	OUT01FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 3	OUT02FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 4	OUT02FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 5	OUT03FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 6	OUT03FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 7	OUT04FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 8	OUT04FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 9	OUT05FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 10	OUT05FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 11	OUT06FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 12	OUT06FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 13	OUT07FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 14	OUT07FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 15	OUT08FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 16	OUT08FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 17	OUT09FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 18	OUT09FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 19	OUT10FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 20	OUT10FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 21	OUT11FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 22	OUT11FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 23	OUT12FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 24	OUT12FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 25	OUT13FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 26	OUT13FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 27	OUT14FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 28	OUT14FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 29	OUT15FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 30	OUT15FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 31	OUT16FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 32	OUT16FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 33	OUT17FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 34	OUT17FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 35	OUT18FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 36	OUT18FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 37	OUT19FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 38	OUT19FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 39	OUT20FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 40	OUT20FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 41	OUT21FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 42	OUT21FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 43	OUT22FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 44	OUT22FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 45	OUT23FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 46	OUT23FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 47	OUT24FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 48	OUT24FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
J6 49				
J6 50				

CONNECTOR J7

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
J7 1	GND01	INPUT	ANALOG	0 Vdc
J7 2	IN01	INPUT	ANALOG	-10 dBSR*
J7 3	GND02	INPUT	ANALOG	0 Vdc
J7 4	IN02	INPUT	ANALOG	-10 dBSR*
J7 5	GND03	INPUT	ANALOG	0 Vdc
J7 6	IN03	INPUT	ANALOG	-10 dBSR*
J7 7	GND04	INPUT	ANALOG	0 Vdc
J7 8	IN04	INPUT	ANALOG	-10 dBSR*
J7 9	GND05	INPUT	ANALOG	0 Vdc
J7 10	IN05	INPUT	ANALOG	-10 dBSR*
J7 11	GND06	INPUT	ANALOG	0 Vdc
J7 12	IN06	INPUT	ANALOG	-10 dBSR*
J7 13	GND07	INPUT	ANALOG	0 Vdc
J7 14	IN07	INPUT	ANALOG	-10 dBSR*
J7 15	GND08	INPUT	ANALOG	0 Vdc
J7 16	IN08	INPUT	ANALOG	-10 dBSR*
J7 17	GND09	INPUT	ANALOG	0 Vdc
J7 18	IN09	INPUT	ANALOG	-10 dBSR*
J7 19	GND10	INPUT	ANALOG	0 Vdc
J7 20	IN10	INPUT	ANALOG	--10 dBSR*
J7 21	GND	INPUT	ANALOG	0 Vdc
J7 22	IN11	INPUT	ANALOG	-10 dBSR*
J7 23	GND12	INPUT	ANALOG	0 Vdc
J7 24	IN12	INPUT	ANALOG	-10 dBSR*
J7 25	GND13	INPUT	ANALOG	0 Vdc
J7 26	IN13	INPUT	ANALOG	-10 dBSR*
J7 27	GND14	INPUT	ANALOG	0 Vdc
J7 28	IN14	INPUT	ANALOG	-10 dBSR*
J7 29	GND15	INPUT	ANALOG	0 Vdc
J7 30	IN15	INPUT	ANALOG	-10 dBSR*
J7 31	GND16	INPUT	ANALOG	0 Vdc
J7 32	IN16	INPUT	ANALOG	-10 dBSR*
J7 33	GND17	INPUT	ANALOG	0 Vdc
J7 34	IN17	INPUT	ANALOG	-10 dBSR*
J7 35	GND18	INPUT	ANALOG	0 Vdc
J7 36	IN18	INPUT	ANALOG	-10 dBSR*
J7 37	GND19	INPUT	ANALOG	0 Vdc
J7 38	IN19	INPUT	ANALOG	-10 dBSR*
J7 39	GND20	INPUT	ANALOG	0 Vdc
J7 40	IN20	INPUT	ANALOG	-10 dBSR*
J7 41	GND21	INPUT	ANALOG	0 Vdc
J7 42	IN21	INPUT	ANALOG	-10 dBSR*
J7 43	GND22	INPUT	ANALOG	0 Vdc
J7 44	IN22	INPUT	ANALOG	-10 dBSR*
J7 45	GND23	INPUT	ANALOG	0 Vdc
J7 46	IN23	INPUT	ANALOG	-10 dBSR*
J7 47	GND24	INPUT	ANALOG	
J7 48	IN24	INPUT	ANALOG	-10 dBSR*
J7 49				
J7 50				

* **dBSR** implies a low impedance buss
Note: dBm implies a 600 Ohm load.

CONNECTOR P01

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
P01 A1, A2, A3, A4	Ground			0 Vdc
P01 B2, B2, B3, B4	Ground			0 Vdc
P01 C1, C2, C3, C4	+12V_IN	INPUT		+12 Vdc
P01 D1, D2, D3, D4	+12V_IN	INPUT		+12 Vdc

CONNECTOR PS01

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS01 A1	GROUND		ANALOG	0 Vdc
PS01 A2				
PS01 A3	IN01	INPUT	ANALOG	-10 dBSR*
PS01 A4	GND01	INPUT	ANALOG	0 Vdc
PS01 A5	IN02	INPUT	ANALOG	-10 dBSR*
PS01 A 6	GND02	INPUT	ANALOG	0 Vdc
PS01 A7	OUT01AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A8				
PS01 A9	OUT02AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A10				
PS01 A11	OUT01BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A12				
PS01 A13	OUT02BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A14				
PS01 A15	OUT01CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A16	GROUND		ANALOG	0 Vdc
PS01 A17	OUT02CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A18				
PS01 A19	OUT01DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A20				
PS01 A21	OUT02DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A22				
PS01 A23	OUT01ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A24				
PS01 A25	OUT02ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A26				
PS01 A27	OUT01FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A28				
PS01 A29	OUT02FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 A30				
PS01 A31				
PS01 A32	GROUND		ANALOG	0 Vdc
PS01 B1	GROUND		ANALOG	0 Vdc
PS01 B2				
PS01 B3	IN01	INPUT	ANALOG	-10 dBSR*
PS01 B4	GND01	INPUT	ANALOG	0 Vdc
PS01 B5	INO2	INPUT	ANALOG	-10 dBSR
PS01 B6	GNDO2	INPUT	ANALOG	0 Vdc
PS01 B7				
PS01 B8				
PS01 B9				
PS01 B10				
PS01 B11				
PS01 B12				
PS01 B13				
PS01 B14				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS01 B15				
PS01 B16				
PS01 B17	GROUND			0 Vdc
PS01 B18				
PS01 B19				
PS01 B208				
PS01 B22				
PS01 B23				
PS01 B24				
PS01 B25				
PS01 B26				
PS01 B27				
PS01 B28				
PS01 B29				
PS01 B30				
PS01 B31				
PS01 B32	GROUND			0 Vdc
PS01 C1	GROUND			0 Vdc
PS01 C2				
PS01 C3	IN01	INPUT	ANALOG	-10 dBSR*
PS01 C4	GND01	INPUT	ANALOG	0 Vdc
PS01 C5	IN02	INPUT	ANALOG	-10 dBSR*
PS01 C6	GND02	INPUT	ANALOG	0 Vdc
PS01 C7	OUT01AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C8				
PS01 C9	OUT02AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C10				
PS01 C11	OUT01BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C12				
PS01 C13	OUT02BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C14				
PS01 C15	OUT01CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C16	GROUND			0 Vdc
PS01 C17	OUT02CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C18				
PS01 C19	OUT01DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C20				
PS01 C21	OUT02DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C22				
PS01 C23	OUT01ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C24				
PS01 C25	OUT02ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C26				
PS01 C27	OUT01FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C28				
PS01 C29	OUT02FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS01 C30				
PS01 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS01 C32	GOUUND			0 Vdc

* **dBSR** implies a low impedance buss

CONNECTOR PS02

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS02 A1	GROUND		ANALOG	0 Vdc
PS02 A2				
PS02 A3	IN03	INPUT	ANALOG	-10 dBSR*
PS02 A4	GND03	INPUT	ANALOG	0 Vdc
PS02 A5	IN04	INPUT	ANALOG	-10 dBSR*
PS02 A 6	GND04	INPUT	ANALOG	0 Vdc
PS02 A7	OUT03AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A8				
PS02 A9	OUT04AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A10				
PS02 A11	OUT03BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A12				
PS02 A13	OUT04BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A14				
PS02 A15	OUT03CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A16	GROUND		ANALOG	0 Vdc
PS02 A17	OUT04CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A18				
PS02 A19	OUT03DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A20				
PS02 A21	OUT04DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A22				
PS02 A23	OUT03ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A24				
PS02 A25	OUT04ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A26				
PS02 A27	OUT03FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A28				
PS02 A29	OUT04FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 A30				
PS02 A31				
PS02 A32	GROUND		ANALOG	0 Vdc
PS02 B1	GROUND		ANALOG	0 Vdc
PS02 B2				
PS02 B3	IN03	INPUT	ANALOG	-10 dBSR*
PS02 B4	GND03	INPUT	ANALOG	0 Vdc
PS02 B5	IN04	INPUT	ANALOG	-10 dBSR*
PS02 B6	GND04	INPUT	ANALOG	0 Vdc
PS02 B7				
PS02 B8				
PS02 B9				
PS02 B10				
PS02 B11				
PS02 B12				
PS02 B13				
PS02 B14				
PS02 B15				
PS02 B16				
PS02 B17	GROUND			0 Vdc
PS02 B18				
PS02 B19				
PS02 B208				
PS02 B22				
PS02 B23				
PS02 B24				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS02 B25				
PS02 B26				
PS02 B27				
PS02 B28				
PS02 B29				
PS02 B30				
PS02 B31				
PS02 B32	GROUND			0 Vdc
PS02 C1	GROUND			0 Vdc
PS02 C2				
PS02 C3	IN03	INPUT	ANALOG	-10 dBSR*
PS02 C4	GND03	INPUT	ANALOG	0 Vdc
PS02 C5	IN04	INPUT	ANALOG	-10 dBSR*
PS02 C6	GND04	INPUT	ANALOG	0 Vdc
PS02 C7	OUT03AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C8				
PS02 C9	OUT04AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C10				
PS02 C11	OUT03BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C12				
PS02 C13	OUT04BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C14				
PS02 C15	OUT03CR (Ring)	OUTPUT (Balanced)	ANALOG	
PS02 C16	GROUND			0 Vdc
PS02 C17	OUT04CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C18				
PS02 C19	OUT03DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C20				
PS02 C21	OUT04DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C22				
PS02 C23	OUT03ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C24				
PS02 C25	OUT04ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C26				
PS02 C27	OUT03FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C28				
PS02 C29	OUT04FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS02 C30				
PS02 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS02 C32	GOUUND			0 Vdc

CONNECTOR PS03

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS03 A1	GROUND		ANALOG	0 Vdc
PS03 A2				
PS03 A3	IN05	INPUT	ANALOG	-10 dBSR*
PS03 A4	GND05	INPUT	ANALOG	0 Vdc
PS03 A5	IN06	INPUT	ANALOG	-10 dBSR*
PS03 A 6	GND06	INPUT	ANALOG	0 Vdc
PS03 A7	OUT05AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A8				
PS03 A9	OUT06AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A10				
PS03 A11	OUT05BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A12				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS03 A13	OUT06BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A14				
PS03 A15	OUT05CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A16	GROUND		ANALOG	0 Vdc
PS03 A17	OUT06CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A18				
PS03 A19	OUT05DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A20				
PS03 A21	OUT06DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A22				
PS03 A23	OUT05ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A24				
PS03 A25	OUT06ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A26				
PS03 A27	OUT05FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A28				
PS03 A29	OUT06FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 A30				
PS03 A31				
PS03 A32	GROUND		ANALOG	0 Vdc
PS03 B1	GROUND		ANALOG	0 Vdc
PS03 B2				
PS03 B3	IN05	INPUT	ANALOG	-10 dBSR*
PS03 B4	GND05	INPUT	ANALOG	0 Vdc
PS03 B5	IN06	INPUT	ANALOG	-10 dBSR*
PS03 B6	GND06	INPUT	ANALOG	0 Vdc
PS03 B7				
PS03 B8				
PS03 B9				
PS03 B10				
PS03 B11				
PS03 B12				
PS03 B13				
PS03 B14				
PS03 B15				
PS03 B16				
PS03 B17	GROUND			0 Vdc
PS03 B18				
PS03 B19				
PS03 B208				
PS03 B22				
PS03 B23				
PS03 B24				
PS03 B25				
PS03 B26				
PS03 B27				
PS03 B28				
PS03 B29				
PS03 B30				
PS03 B31				
PS03 B32	GROUND			0 Vdc
PS03 C1	GROUND			0 Vdc
PS03 C2				
PS03 C3	IN05	INPUT	ANALOG	-10 dBSR*
PS03 C4	GND05	INPUT	ANALOG	0 Vdc
PS03 C5	IN06	INPUT	ANALOG	-10 dBSR*

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS03 C6	GND06	INPUT	ANALOG	0 Vdc
PS03 C7	OUT05AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C8				
PS03 C9	OUT06AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C10				
PS03 C11	OUT05BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C12				
PS03 C13	OUT06BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C14				
PS03 C15	OUT05CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C16	GROUND			0 Vdc
PS03 C17	OUT06CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C18				
PS03 C19	OUT05DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C20				
PS03 C21	OUT06DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C22				
PS03 C23	OUT05ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C24				
PS03 C25	OUT06ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C26				
PS03 C27	OUT05FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C28				
PS03 C29	OUT06FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS03 C30				
PS03 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS03 C32	GRrOUND			0 Vdc

CONNECTOR PS04

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS04 A1	GROUND		ANALOG	0 Vdc
PS04 A2				
PS04 A3	IN07	INPUT	ANALOG	-10 dBSR*
PS04 A4	GND07	INPUT	ANALOG	0 Vdc
PS04 A5	IN08	INPUT	ANALOG	-10 dBSR*
PS04 A 6	GND08	INPUT	ANALOG	0 Vdc
PS04 A7	OUT07AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A8				
PS04 A9	OUT08AT (Tip)	OUTPUT (Balanced)	ANALOG	
PS04 A10				
PS04 A11	OUT07BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A12				
PS04 A13	OUT08BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A14				
PS04 A15	OUT07CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A16	GROUND		ANALOG	0 Vdc
PS04 A17	OUT08CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A18				
PS04 A19	OUT07DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A20				
PS04 A21	OUT08DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A22				
PS04 A23	OUT07ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A24				
PS04 A25	OUT08ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A26				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS04 A27	OUT07FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A28				
PS04 A29	OUT08FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 A30				
PS04 A31				
PS04 A32	GROUND		ANALOG	0 Vdc
PS04 B1	GROUND		ANALOG	0 Vdc
PS04 B2				
PS04 B3	IN07	INPUT	ANALOG	-10 dBSR*
PS04 B4	GND07	INPUT	ANALOG	0 Vdc
PS04 B5	IN08	INPUT	ANALOG	-10 dBSR*
PS04 B6	GND08	INPUT	ANALOG	0 Vdc
PS04 B7				
PS04 B8				
PS04 B9				
PS04 B10				
PS04 B11				
PS04 B12				
PS04 B13				
PS04 B14				
PS04 B15				
PS04 B16				
PS04 B17	GROUND			0 Vdc
PS04 B18				
PS04 B19				
PS04 B208				
PS04 B22				
PS04 B23				
PS04 B24				
PS04 B25				
PS04 B26				
PS04 B27				
PS04 B28				
PS04 B29				
PS04 B30				
PS04 B31				
PS04 B32	GROUND			0 Vdc
PS04 C1	GROUND			0 Vdc
PS04 C2				
PS04 C3	IN07	INPUT	ANALOG	-10 dBSR*
PS04 C4	GND07	INPUT	ANALOG	0 Vdc
PS04 C5	IN08	INPUT	ANALOG	-10 dBSR*
PS04 C6	GND08	INPUT	ANALOG	0 Vdc
PS04 C7	OUT07AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C8				
PS04 C9	OUT08AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C10				
PS04 C11	OUT07BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C12				
PS04 C13	OUT08BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C14				
PS04 C15	OUT07CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C16	GROUND			0 Vdc
PS04 C17	OUT08CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C18				
PS04 C19	OUT07DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS04 C20				-10 dBm
PS04 C21	OUT08DR (Ring)	OUTPUT (Balanced)	ANALOG	
PS04 C22				
PS04 C23	OUT07ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C24				
PS04 C25	OUT08ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C26				
PS04 C27	OUT07FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C28				
PS04 C29	OUT08FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS04 C30				
PS04 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS04 C32	GRrOUND			0 Vdc

CONNECTOR PS05

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS05 A1	GROUND		ANALOG	0 Vdc
PS05 A2				
PS05 A3	IN09	INPUT	ANALOG	-10 dBSR*
PS05 A4	GND09	INPUT	ANALOG	0 Vdc
PS05 A5	IN10	INPUT	ANALOG	-10 dBSR*
PS05 A 6	GND10	INPUT	ANALOG	0 Vdc
PS05 A7	OUT09AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A8				
PS05 A9	OUT10AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A10				
PS05 A11	OUT09BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A12				
PS05 A13	OUT10BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A14				
PS05 A15	OUT09CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A16	GROUND		ANALOG	0 Vdc
PS05 A17	OUT10CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A18				
PS05 A19	OUT09DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A20				
PS05 A21	OUT10DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A22				
PS05 A23	OUT09ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A24				
PS05 A25	OUT10ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A26				
PS05 A27	OUT09FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A28				
PS05 A29	OUT10FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 A30				
PS05 A31				
PS05 A32	GROUND		ANALOG	0 Vdc
PS05 B1	GROUND		ANALOG	0 Vdc
PS05 B2				
PS05 B3	IN09	INPUT	ANALOG	-10 dBm
PS05 B4	GND09	INPUT	ANALOG	0 Vdc
PS05 B5	IN10	INPUT	ANALOG	-10 dBm
PS05 B6	GND10	INPUT	ANALOG	0 Vdc
PS05 B7				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS05 B8				
PS05 B9				
PS05 B10				
PS05 B11				
PS05 B12				
PS05 B13				
PS05 B14				
PS05 B15				
PS05 B16				
PS05 B17	GROUND			0 Vdc
PS05 B18				
PS05 B19				
PS05 B208				
PS05 B22				
PS05 B23				
PS05 B24				
PS05 B25				
PS05 B26				
PS05 B27				
PS05 B28				
PS05 B29				
PS05 B30				
PS05 B31				
PS05 B32	GROUND			0 Vdc
PS05 C1	GROUND			0 Vdc
PS05 C2				
-10 dBm	IN09	INPUT	ANALOG	-10 dBSR*
PS05 C4	GND09	INPUT	ANALOG	0 Vdc
-10 dBm	IN10	INPUT	ANALOG	-10 dBSR*
PS05 C6	GND10	INPUT	ANALOG	0 Vdc
PS05 C7	OUT09AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C8				
PS05 C9	OUT10AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C10				
PS05 C11	OUT09BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C12				
PS05 C13	OUT10BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C14				
PS05 C15	OUT09CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C16	GROUND			0 Vdc
PS05 C17	OUT10CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C18				
PS05 C19	OUT09DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C20				
PS05 C21	OUT10DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C22				
PS05 C23	OUT09ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C24				
PS05 C25	OUT10ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C26				
PS05 C27	OUT09FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C28				
PS05 C29	OUT10FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS05 C30				
PS05 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS05 C32	GRrOUND			0 Vdc

* **dBSR** implies a low impedance buss

CONNECTOR PS06

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS06 A1	GROUND		ANALOG	0 Vdc
PS06 A2				
PS06 A3	IN11	INPUT	ANALOG	-10 dBSR*
PS06 A4	GND11	INPUT	ANALOG	0 Vdc
PS06 A5	IN12	INPUT	ANALOG	-10 dBSR*
PS06 A 6	GND12	INPUT	ANALOG	0 Vdc
PS06 A7	OUT11AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A8				
PS06 A9	OUT12AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A10				
PS06 A11	OUT11BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A12				
PS06 A13	OUT12BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A14				
PS06 A15	OUT11CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A16	GROUND		ANALOG	0 Vdc
PS06 A17	OUT12CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A18				
PS06 A19	OUT11DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A20				
PS06 A21	OUT12DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A22				
PS06 A23	OUT11ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A24				
PS06 A25	OUT12ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A26				
PS06 A27	OUT11FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A28				
PS06 A29	OUT12FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 A30				
PS06 A31				
PS06 A32	GROUND		ANALOG	0 Vdc
PS06 B1	GROUND		ANALOG	0 Vdc
PS06 B2				
PS06 B3	IN11	INPUT	ANALOG	-10 dBSR*
PS06 B4	GND11	INPUT	ANALOG	0 Vdc
PS06 B5	IN12	INPUT	ANALOG	-10 dBSR*
PS06 B6	GND12	INPUT	ANALOG	0 Vdc
PS06 B7				
PS06 B8				
PS06 B9				
PS06 B10				
PS06 B11				
PS06 B12				
PS06 B13				
PS06 B14				
PS06 B15				
PS06 B16				
PS06 B17	GROUND			0 Vdc
PS06 B18				
PS06 B19				
PS06 B208				
PS06 B22				
PS06 B23				
PS06 B24				
PS06 B25				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS06 B26				
PS06 B27				
PS06 B28				
PS06 B29				
PS06 B30				
PS06 B31				
PS06 B32	GROUND			0 Vdc
PS06 C1	GROUND			0 Vdc
PS06 C2				
PS06 C3	IN11	INPUT	ANALOG	-10 dBSR*
PS06 C4	GND11	INPUT	ANALOG	0 Vdc
PS06 C5	IN12	INPUT	ANALOG	-10 dBSR*
PS06 C6	GND12	INPUT	ANALOG	0 Vdc
PS06 C7	OUT11AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C8				
PS06 C9	OUT12AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C10				
PS06 C11	OUT11BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C12				
PS06 C13	OUT12BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C14				
PS06 C15	OUT11CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C16	GROUND			0 Vdc
PS06 C17	OUT12CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C18				
PS06 C19	OUT11DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C20				
PS06 C21	OUT12DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C22				
PS06 C23	OUT11ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C24				
PS06 C25	OUT12ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C26				
PS06 C27	OUT11FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C28				
PS06 C29	OUT12FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS06 C30				
PS06 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS06 C32	GROUND			0 Vdc

CONNECTOR PS07

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS07 A1	GROUND		ANALOG	0 Vdc
PS07 A2				
PS07 A3	IN13	INPUT	ANALOG	-10 dBSR*
PS07 A4	GND13	INPUT	ANALOG	0 Vdc
PS07 A5	IN14	INPUT	ANALOG	-10 dBSR*
PS07 A 6	GND14	INPUT	ANALOG	0 Vdc
PS07 A7	OUT13AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A8				
PS07 A9	OUT14AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A10				
PS07 A11	OUT13BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A12				
PS07 A13	OUT14BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS07 A14				
PS07 A15	OUT13CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A16	GROUND		ANALOG	0 Vdc
PS07 A17	OUT14CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A18				
PS07 A19	OUT13DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A20				
PS07 A21	OUT14DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A22				
PS07 A23	OUT13ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A24				
PS07 A25	OUT14ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A26				
PS07 A27	OUT13FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A28				
PS07 A29	OUT14FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 A30				
PS07 A31				
PS07 A32	GROUND		ANALOG	0 Vdc
PS07 B1	GROUND		ANALOG	0 Vdc
PS07 B2				
PS07 B3	IN13	INPUT	ANALOG	-10 dBSR*
PS07 B4	GND13	INPUT	ANALOG	0 Vdc
PS07 B5	IN14	INPUT	ANALOG	-10 dBSR*
PS07 B6	GND14	INPUT	ANALOG	0 Vdc
PS07 B7				
PS07 B8				
PS07 B9				
PS07 B10				
PS07 B11				
PS07 B12				
PS07 B13				
PS07 B14				
PS07 B15				
PS07 B16				
PS07 B17	GROUND			0 Vdc
PS07 B18				
PS07 B19				
PS07 B208				
PS07 B22				
PS07 B23				
PS07 B24				
PS07 B25				
PS07 B26				
PS07 B27				
PS07 B28				
PS07 B29				
PS07 B30				
PS07 B31				
PS07 B32	GROUND			0 Vdc
PS07 C1	GROUND			0 Vdc
PS07 C2				
PS07 C3	IN13	INPUT	ANALOG	-10 dBSR*
PS07 C4	GND13	INPUT	ANALOG	0 Vdc
PS07 C5	IN14	INPUT	ANALOG	-10 dBSR*
PS07 C6	GND14	INPUT	ANALOG	0 Vdc

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS07 C7	OUT13AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C8				
PS07 C9	OUT14AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C10				
PS07 C11	OUT13BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C12				
PS07 C13	OUT14BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C14				
PS07 C15	OUT13CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C16	GROUND			0 Vdc
PS07 C17	OUT14CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C18				
PS07 C19	OUT13DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C20				
PS07 C21	OUT14DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C22				
PS07 C23	OUT13ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C24				
PS07 C25	OUT14ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C26				
PS07 C27	OUT13FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C28				
PS07 C29	OUT14FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS07 C30				
PS07 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS07 C32	GRrOUND			0 Vdc

CONNECTOR PS08

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS08 A1	GROUND		ANALOG	0 Vdc
PS08 A2				
PS08 A3	IN15	INPUT	ANALOG	-10 dBSR*
PS08 A4	GND15	INPUT	ANALOG	0 Vdc
PS08 A5	IN16	INPUT	ANALOG	-10 dBSR*
PS08 A 6	GND16	INPUT	ANALOG	0 Vdc
PS08 A7	OUT15AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A8				
PS08 A9	OUT16AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A10				
PS08 A11	OUT15BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A12				
PS08 A13	OUT16BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A14				
PS08 A15	OUT15CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A16	GROUND		ANALOG	0 Vdc
PS08 A17	OUT16CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A18				
PS08 A19	OUT15DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A20				
PS08 A21	OUT16DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A22				
PS08 A23	OUT15ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A24				
PS08 A25	OUT16ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A26				
PS08 A27	OUT15FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS08 A28				
PS08 A29	OUT16FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 A30				
PS08 A31				
PS08 A32	GROUND		ANALOG	0 Vdc
PS08 B1	GROUND		ANALOG	0 Vdc
PS08 B2				
PS08 B3	IN15	INPUT	ANALOG	-10 dBSR*
PS08 B4	GND15	INPUT	ANALOG	0 Vdc
PS08 B5	IN16	INPUT	ANALOG	-10 dBSR*
PS08 B6	GND16	INPUT	ANALOG	0 Vdc
PS08 B7				
PS08 B8				
PS08 B9				
PS08 B10				
PS08 B11				
PS08 B12				
PS08 B13				
PS08 B14				
PS08 B15				
PS08 B16				
PS08 B17	GROUND			0 Vdc
PS08 B18				
PS08 B19				
PS08 B208				
PS08 B22				
PS08 B23				
PS08 B24				
PS08 B25				
PS08 B26				
PS08 B27				
PS08 B28				
PS08 B29				
PS08 B30				
PS08 B31				
PS08 B32	GROUND			0 Vdc
PS08 C1	GROUND			0 Vdc
PS08 C2				
PS08 C3	IN15	INPUT	ANALOG	-10 dBSR*
PS08 C4	GND15	INPUT	ANALOG	0 Vdc
PS08 C5	IN16	INPUT	ANALOG	-10 dBSR*
PS08 C6	GND16	INPUT	ANALOG	0 Vdc
PS08 C7	OUT15AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C8				
PS08 C9	OUT16AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C10				
PS08 C11	OUT15BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C12				
PS08 C13	OUT16BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C14				
PS08 C15	OUT15CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C16	GROUND			0 Vdc
PS08 C17	OUT16CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C18				
PS08 C19	OUT15DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C20				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS08 C21	OUT16DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C22				
PS08 C23	OUT15ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C24				
PS08 C25	OUT16ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C26				
PS08 C27	OUT15FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C28				
PS08 C29	OUT16FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS08 C30				
PS08 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS08 C32	GRrOUND			0 Vdc

CONNECTOR PS09

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS09 A1	GROUND		ANALOG	0 Vdc
PS09 A2				
PS09 A3	IN17	INPUT	ANALOG	-10 dBSR*
PS09 A4	GND17	INPUT	ANALOG	0 Vdc
PS09 A5	IN18	INPUT	ANALOG	-10 dBSR*
PS09 A 6	GND18	INPUT	ANALOG	0 Vdc
PS09 A7	OUT17AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A8				
PS09 A9	OUT18AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A10				
PS09 A11	OUT17BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A12				
PS09 A13	OUT18BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A14				
PS09 A15	OUT17CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A16	GROUND		ANALOG	0 Vdc
PS09 A17	OUT18CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A18				
PS09 A19	OUT17DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A20				
PS09 A21	OUT18DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A22				
PS09 A23	OUT17ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A24				
PS09 A25	OUT18ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A26				
PS09 A27	OUT17FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A28				
PS09 A29	OUT19FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 A30				
PS09 A31				
PS09 A32	GROUND		ANALOG	0 Vdc
PS09 B1	GROUND		ANALOG	0 Vdc
PS09 B2				
PS09 B3	IN17	INPUT	ANALOG	-10 dBSR*
PS09 B4	GND17	INPUT	ANALOG	0 Vdc
PS09 B5	IN18	INPUT	ANALOG	-10 dBSR*
PS09 B6	GND18	INPUT	ANALOG	0 Vdc
PS09 B7				
PS09 B8				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS09 B9				
PS09 B10				
PS09 B11				
PS09 B12				
PS09 B13				
PS09 B14				
PS09 B15				
PS09 B16				
PS09 B17	GROUND			0 Vdc
PS09 B18				
PS09 B19				
PS09 B208				
PS09 B22				
PS09 B23				
PS09 B24				
PS09 B25				
PS09 B26				
PS09 B27				
PS09 B28				
PS09 B29				
PS09 B30				
PS09 B31				
PS09 B32	GROUND			0 Vdc
PS09 C1	GROUND			0 Vdc
PS09 C2				
PS09 C3	IN17	INPUT	ANALOG	-10 dBSR*
PS09 C4	GND17	INPUT	ANALOG	0 Vdc
PS09 C5	IN18	INPUT	ANALOG	-10 dBSR*
PS09 C6	GND18	INPUT	ANALOG	0 Vdc
PS09 C7	OUT17AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C8				
PS09 C9	OUT18AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C10				
PS09 C11	OUT17BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C12				
PS09 C13	OUT18BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C14				
PS09 C15	OUT17CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C16	GROUND			0 Vdc
PS09 C17	OUT18CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C18				
PS09 C19	OUT17DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C20				
PS09 C21	OUT18DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C22				
PS09 C23	OUT17ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C24				
PS09 C25	OUT18ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C26				
PS09 C27	OUT17FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C28				
PS09 C29	OUT18FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS09 C30				
PS09 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS09 C32	GRrOUND			0 Vdc

* **dBSR** implies a low impedance buss

CONNECTOR PS10

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS10 A1	GROUND		ANALOG	0 Vdc
PS10 A2				
PS10 A3	IN19	INPUT	ANALOG	-10 dBSR*
PS10 A4	GND19	INPUT	ANALOG	0 Vdc
PS10 A5	IN20	INPUT	ANALOG	-10 dBSR*
PS10 A 6	GND20	INPUT	ANALOG	0 Vdc
PS10 A7	OUT19AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A8				
PS10 A9	OUT20AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A10				
PS10 A11	OUT19BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A12				
PS10 A13	OUT20BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A14				
PS10 A15	OUT19CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A16	GROUND		ANALOG	0 Vdc
PS10 A17	OUT20CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A18				
PS10 A19	OUT19DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A20				
PS10 A21	OUT20DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A22				
PS10 A23	OUT19ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A24				
PS10 A25	OUT20ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A26				
PS10 A27	OUT19FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A28				
PS10 A29	OUT20FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 A30				
PS10 A31				
PS10 A32	GROUND		ANALOG	0 Vdc
PS10 B1	GROUND		ANALOG	0 Vdc
PS10 B2				
PS10 B3	IN19	INPUT	ANALOG	-10 dBSR*
PS10 B4	GND19	INPUT	ANALOG	0 Vdc
PS10 B5	IN20	INPUT	ANALOG	-10 dBSR*
PS10 B6	GND20	INPUT	ANALOG	0 Vdc
PS10 B7				
PS10 B8				
PS10 B9				
PS10 B10				
PS10 B11				
PS10 B12				
PS10 B13				
PS10 B14				
PS10 B15				
PS10 B16				
PS10 B17	GROUND			0 Vdc
PS10 B18				
PS10 B19				
PS10 B208				
PS10 B22				
PS10 B23				
PS10 B24				
PS10 B25				

* **dBSR** implies a low impedance buss

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CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS10 B26				
PS10 B27				
PS10 B28				
PS10 B29				
PS10 B30				
PS10 B31				
PS10 B32	GROUND			0 Vdc
PS10 C1	GROUND			0 Vdc
PS10 C2				
PS10 C3	IN19	INPUT	ANALOG	-10 dBSR*
PS10 C4	GND19	INPUT	ANALOG	0 Vdc
PS10 C5	IN20	INPUT	ANALOG	-10 dBSR*
PS10 C6	GND20	INPUT	ANALOG	0 Vdc
PS10 C7	OUT19AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C8				
PS10 C9	OUT20AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C10				
PS10 C11	OUT19BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C12				
PS10 C13	OUT20BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C14				
PS10 C15	OUT19CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C16	GROUND			0 Vdc
PS10 C17	OUT20CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C18				
PS10 C19	OUT19DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C20				
PS10 C21	OUT20DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C22				
PS10 C23	OUT19ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C24				
PS10 C25	OUT20ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C26				
PS10 C27	OUT19FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C28				
PS10 C29	OUT20FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS10 C30				
PS10 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS10 C32	GRrOUND			0 Vdc

CONNECTOR PS11

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS11 A1	GROUND		ANALOG	0 Vdc
PS11 A2				
PS11 A3	IN21	INPUT	ANALOG	-10 dBSR*
PS11 A4	GND21	INPUT	ANALOG	0 Vdc
PS11 A5	IN22	INPUT	ANALOG	-10 dBSR*
PS11 A 6	GND22	INPUT	ANALOG	0 Vdc
PS11 A7	OUT21AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A8				
PS11 A9	OUT22AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A10				
PS11 A11	OUT21BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm

* **dBSR** implies a low impedance buss

Continued

Continued

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS11 A12				
PS11 A13	OUT22BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A14				
PS11 A15	OUT21CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A16	GROUND		ANALOG	0 Vdc
PS11 A17	OUT22CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A18				
PS11 A19	OUT21DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A20				
PS11 A21	OUT22DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A22				
PS11 A23	OUT21ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A24				
PS11 A25	OUT22ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A26				
S11 A27	OUT21FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A28				
PS11 A29	OUT22FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 A30				
PS11 A31				
PS11 A32	GROUND		ANALOG	0 Vdc
PS11 B1	GROUND		ANALOG	0 Vdc
PS11 B2				
PS11 B3	IN21	INPUT	ANALOG	-10 dBSR*
PS11 B4	GND21	INPUT	ANALOG	0 Vdc
PS11 B5	IN22	INPUT	ANALOG	-10 dBSR*
PS11 B6	GND22	INPUT	ANALOG	0 Vdc
PS11 B7				
PS11 B8				
PS11 B9				
PS11 B10				
PS11 B11				
PS11 B12				
PS11 B13				
PS11 B14				
PS11 B15				
PS11 B16				
PS11 B17	GROUND			0 Vdc
PS11 B18				
PS11 B19				
PS11 B208				
PS11 B22				
PS11 B23				
PS11 B24				
PS11 B25				
PS11 B26				
PS11 B27				
PS11 B28				
PS11 B29				
PS11 B30				
PS11 B31				
PS11 B32	GROUND			0 Vdc
PS11 C1	GROUND			0 Vdc
PS11 C2				
PS11 C3	IN21	INPUT	ANALOG	-10 dBm
PS11 C4	GND21	INPUT	ANALOG	0 Vdc

* **dBSR** implies a low impedance buss

Continued

Continued

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS11 C5	IN22	INPUT	ANALOG	-10 dBSR*
PS11 C6	GND22	INPUT	ANALOG	0 Vdc
PS11 C7	OUT21AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBSR*
PS11 C8				
PS11 C9	OUT22AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C10				
PS11 C11	OUT21BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C12				
PS11 C13	OUT22BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C14				
PS11 C15	OUT21CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C16	GROUND			0 Vdc
PS11 C17	OUT22CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C18				
PS11 C19	OUT21DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C20				
PS11 C21	OUT22DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C22				
PS11 C23	OUT21ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C24				
PS11 C25	OUT22ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C26				
PS11 C27	OUT21FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C28				
PS11 C29	OUT22FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS11 C30				
PS11 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS11 C32	GRrOUND			0 Vdc

CONNECTOR PS12

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS12 A1	GROUND		ANALOG	0 Vdc
PS12 A2				
PS12 A3	IN23	INPUT	ANALOG	-10 dBSR*
PS12 A4	GND23	INPUT	ANALOG	0 Vdc
PS12 A5	IN24	INPUT	ANALOG	-10 dBSR*
PS12 A 6	GND24	INPUT	ANALOG	0 Vdc
PS12 A7	OUT23AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A8				
PS12 A9	OUT24AT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A10				
PS12 A11	OUT23BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A12				
PS12 A13	OUT24BT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A14				
PS12 A15	OUT23CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A16	GROUND		ANALOG	0 Vdc
PS12 A17	OUT24CT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A18				
PS12 A19	OUT23DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A20				
PS12 A21	OUT24DT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A22				
PS12 A23	OUT23ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A24				

* **dBSR** implies a low impedance buss

Continued

Continued

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS12 A25	OUT24ET (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A26				
PS12 A27	OUT23FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A28				
PS12 A29	OUT24FT (Tip)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 A30				
PS12 A31				
PS12 A32	GROUND		ANALOG	0 Vdc
PS12 B1	GROUND		ANALOG	0 Vdc
PS12 B2				
PS12 B3	IN23	INPUT	ANALOG	-10 dBSR*
PS12 B4	GND23	INPUT	ANALOG	0 Vdc
PS12 B5	IN24	INPUT	ANALOG	-10 dBSR*
PS12 B6	GND24	INPUT	ANALOG	0 Vdc
PS12 B7				
PS12 B8				
PS12 B9				
PS12 B10				
PS12 B11				
PS12 B12				
PS12 B13				
PS12 B14				
PS12 B15				
PS12 B16				
PS12 B17	GROUND			0 Vdc
PS12 B18				
PS12 B19				
PS12 B208				
PS12 B22				
PS12 B23				
PS12 B24				
PS12 B25				
PS12 B26				
PS12 B27				
PS12 B28				
PS12 B29				
PS12 B30				
PS12 B31				
PS12 B32	GROUND			0 Vdc
PS12 C1	GROUND			0 Vdc
PS12 C2				
PS12 C3	IN23	INPUT	ANALOG	-10 dBSR*
PS12 C4	GND23	INPUT	ANALOG	0 Vdc
PS12 C5	IN24	INPUT	ANALOG	-10 dBSR*
PS12 C6	GND24	INPUT	ANALOG	0 Vdc
PS12 C7	OUT23AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C8				
PS12 C9	OUT24AR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C10				
PS12 C11	OUT23BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C12				
PS12 C13	OUT24BR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C14				
PS12 C15	OUT23CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C16	GROUND			0 Vdc
PS12 C17	OUT24CR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm

* **dBSR** implies a low impedance buss

Continued

Continued

CONNECTOR PIN	SIGNAL NAME	INPUT/OUTPUT	ANALOG/DIGITAL	LEVEL
PS12 C18				
PS12 C19	OUT23DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C20				
PS12 C21	OUT24DR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C22				
PS12 C23	OUT23ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C24				
PS12 C25	OUT24ER (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C26				
PS12 C27	OUT23FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C28				
PS12 C29	OUT24FR (Ring)	OUTPUT (Balanced)	ANALOG	-10 dBm
PS12 C30				
PS12 C31	+12_IN	INPUT	ANALOG	+12 Vdc
PS12 C32	GRrOUND			0 Vdc

* These specifications are intended for by service personnel during servicing. Refer to the appropriate Specification Sheet for complete specifications.

INTRODUCTION

This manual provides maintenance information for the GPS Simulcast Audio Distribution Shelf. This shelf is used at the Control Point and is mounted in the Audio Distribution/MUX Rack *(Figure 1).* The Audio Distribution Shelf is designated A401 and houses up to twelve (12) Audio Distribution Modules (ROA 117 2271).

DESCRIPTION

SHELF

Audio Distribution Shelf SXK 107 3847/4 is a 3-rack unit high assembly consisting of VME card cage SXA 120 4329/2 and Blackplane ROA 117 2258. Each shelf provides up to twenty-one card slots. However, only twelve slots are used to make up the Audio Distribution Shelf.

Backplane ROA 117 2258 is a multi-layered printed circuit board. It contains six (6) 50 pin output connectors J1 through J6 and one 50 pin input connector J7. There is one (1) 4 pin power connector (P01) and twelve (12) 96 pin DIN connectors (PS01-PS12). Each of the 96 pin DIN connectors corresponds to a slot in the shelf where an Audio Distribution Module plugs. The Audio Distribution Shelf handles up to 12 Audio Distribution Modules. The circuit is protected by 2 Amp fuse F1.

MODULE

A single Audio Distribution Module is used to buffer two independent audio channels and provide six separate 600 ohm balanced outputs for each channel. The low impedance input *(-10 dBSR)* to the Audio Distribution Module is from an ALC Module *(Refer to Maintenance Manual AE/LZB 119 1878).* Six outputs from the Audio Distribution Module feed up to a maximum of six (6) multiplexers in the same cabinet *(Refer to AE/LZB 119 1879).*

SYSTEM

System connection for the Audio Distribution Shelf is shown in Figure 2. Also, refer to Audio Distribution/Mux Rack Assembly Drawing 193D1473. Audio from ALC Modules at the Control Point Sync Shelf connect by cable to TXV Distribution Module M4, J7 *(Refer to Maintenance Manual AE/lZB 119 2895/1 R1A).* These audio signals are “daisy chained” to other racks through connector J8. This audio distribution cable carries 24 audio channels *(IN01 -IN24).* The audio output of M4, J1 connects to Audio Distribution Shelf A401, J7 and to the inputs of up to 12 Audio Distribution Modules *(IN01-IN12)* contained in the shelf. Each module has two inputs IN01 and IN02, IN03 and IN04, etc. Each input is expanded to six (6) balanced, 600 ohm, Tip and Ring outputs. Outputs of each module are mapped to shelf output connectors J1-J6. Connectors J1-J6 connect by cable to inputs J1 or J2 of Jackfields A601-A603 respectively. The outputs of the Jackfields, P1 or P2, connect by cable to the inputs (J9) of MUX Shelves TRI1-TRI6 *(Refer to INTRAPLEX Maintenance Manual IX-160MAN-ES).*

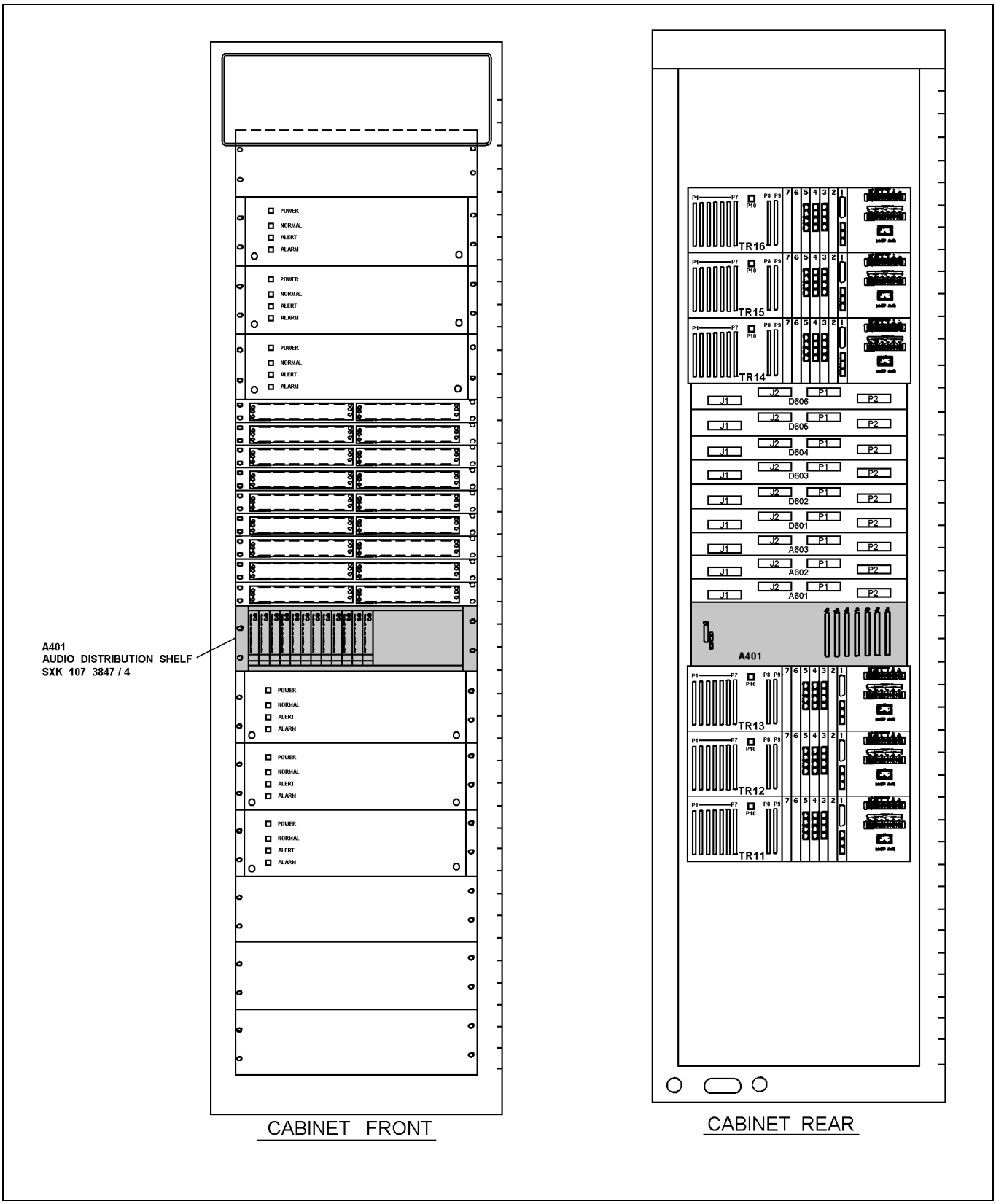


Figure 1 - Audio Distribution/MUX Rack

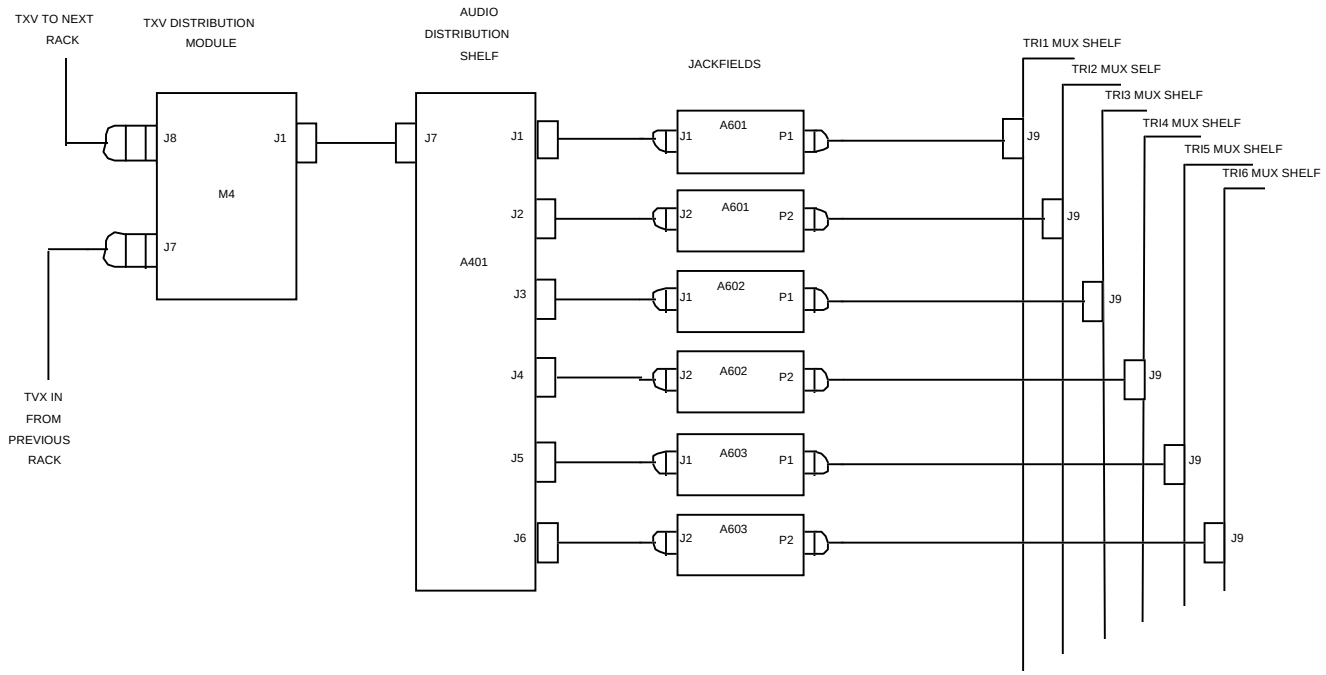
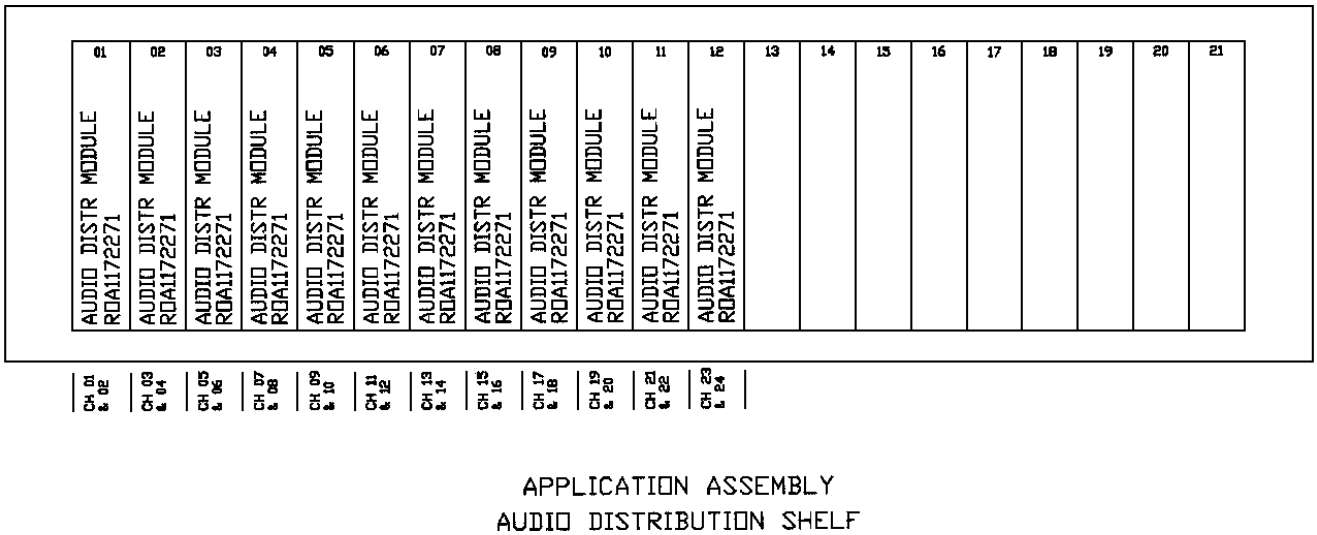


Figure 2 - Audio Distribution Shelf System Connection

APPLICATION ASSEMBLY DIAGRAM



(19C852739, Rev. 0)

AUDIO DISTRIBUTION SHELF
SXK 107 3847/4

SYMBOL	PART NUMBER	DESCRIPTION
		BACKPLANE ROA 117 2258
		- - - -JACK CONNECTORS- - - -
J1 thru J7	RPV 403 148/050	50 Pin Header Assembly
P01	RPT 403 815/04	4 Pin Power
PSO1 thru PS12	RNV 403 844/096	96 Pin DIN
F1	NGH 241 04/2	2 Amp Fuse
		- - - -MISCELLANEOUS- - -
XF1	NGN 102 04 RPV 403 143/901	Fuse Holder. Locking spring
	SXA 120 4329/2	VME Card Cage
3	SBA 120 025/0120	Screw: MRT M2.5X12 ST FZG
4	SCL 103 120/24	Spring Washer
	19A702364P213	Screw, M2.5 x 13, Pan head (qty. 22).
	19A700032	Lock Washer, Internal tooth, M2.5 (qty. 22).

* COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES.

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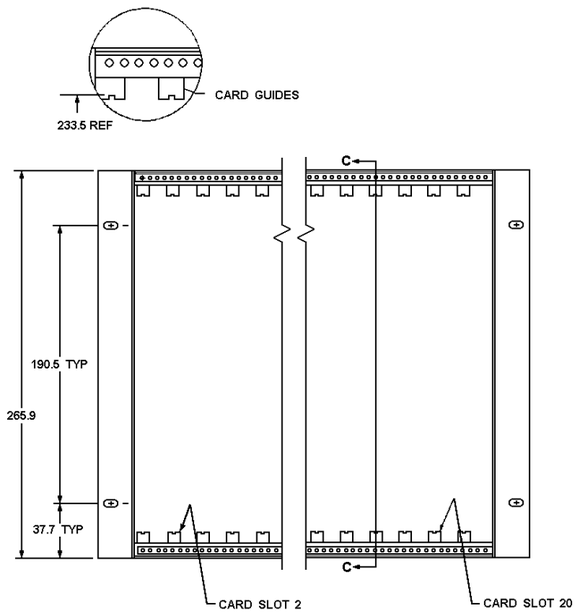
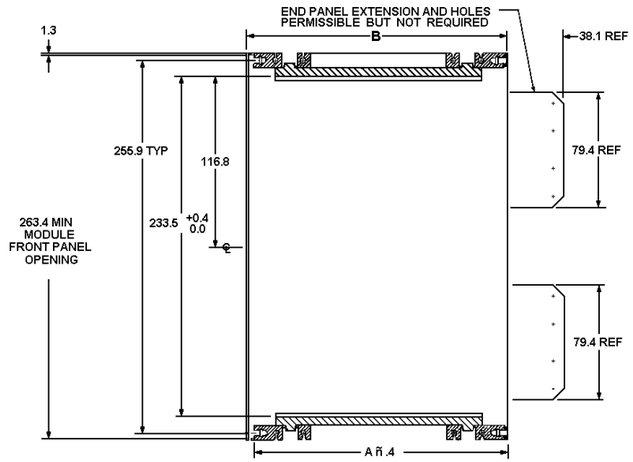


FIG. 2

SAME AS FIG. 1
EXCEPT AS SHOWN

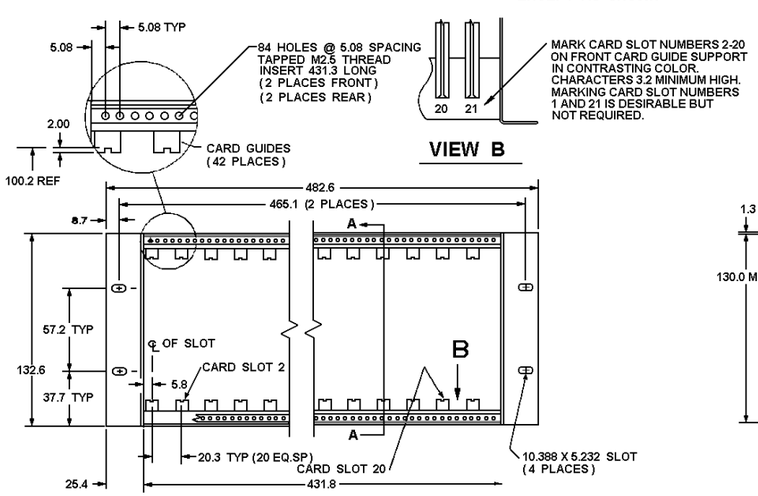


SECTION C - C

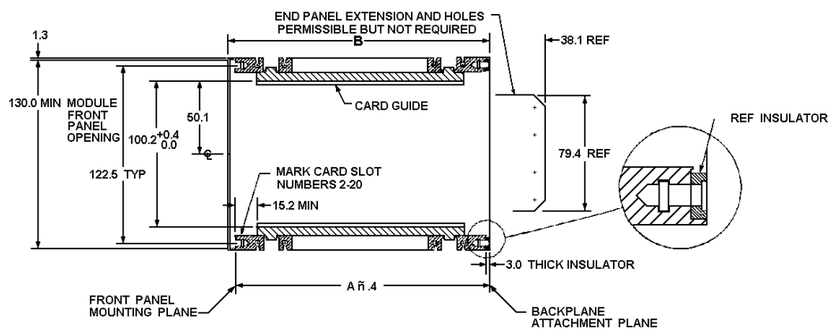
PRODUCT LIST		
PRODUCT NUMBER	DIMENSIONS	DESCRIPTION
SXA 120 4329/1	A=175.2 B=180.3	3U/160 VME CARD CAGE PER FIGURE 1
SXA 120 4329/2	A=235.2 B=240.3	3U/220 VME CARD CAGE PER FIGURE 1
SXA 120 4329/3	A=235.2 B=240.3	6U/220 VME CARD CAGE PER FIGURE 2

REQUIREMENTS: (FOR ALL PRODUCTS)

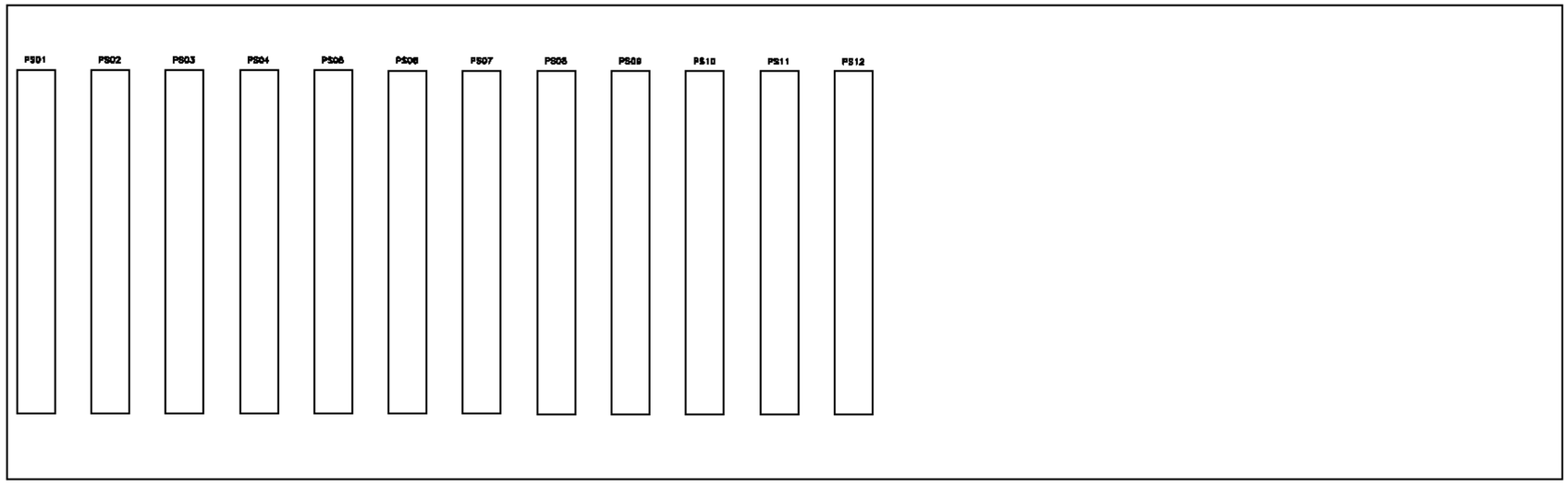
SHELF TO BE COMPLETELY ASSEMBLED AS SHOWN
MATERIAL:
SIDE PANELS - ALUMINUM 2.3 THICK
CARD GUIDE SUPPORTS - ALUMINUM
CARD GUIDES - THERMOPLASTIC
COATING:
COAT ALL ALUMINUM PARTS PER 18A705362P3
ALL TAPPED HOLES TO BE FREE OF COATING.
COATING SHALL NOT AFFECT CARD GUIDE
DIMENSIONS OR MOUNTING.



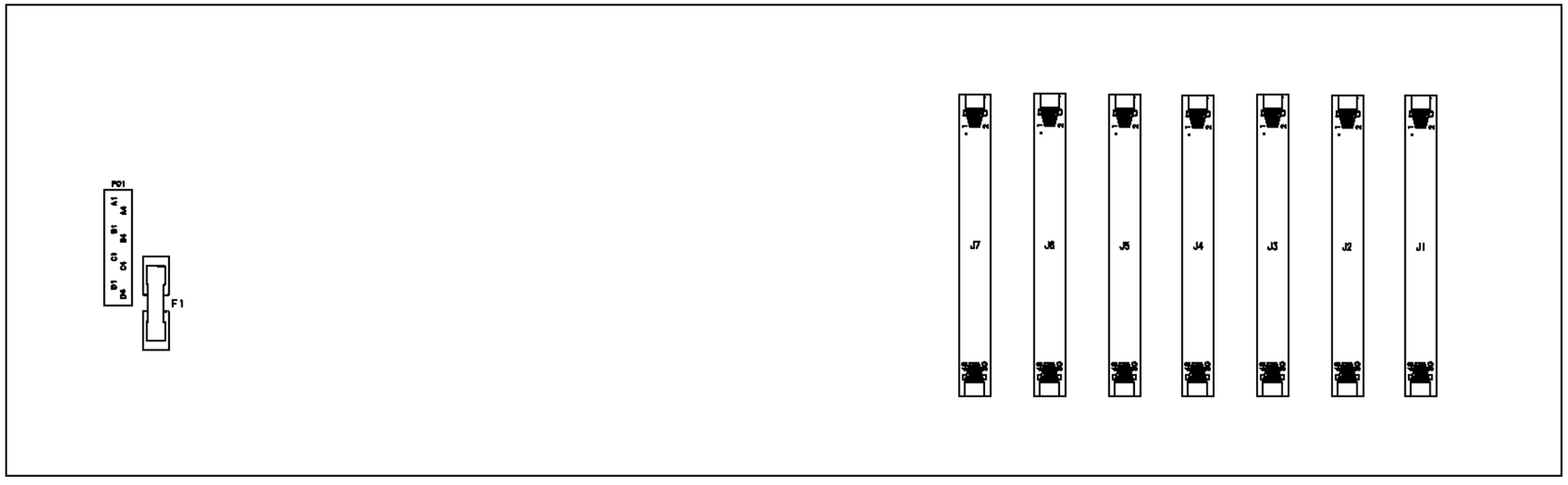
VIEW B



SECTION A-A



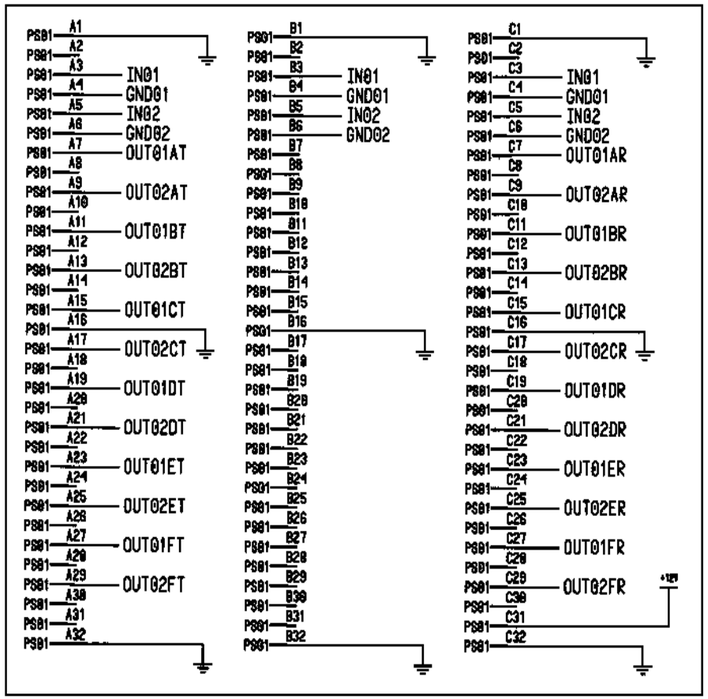
FRONT VIEW

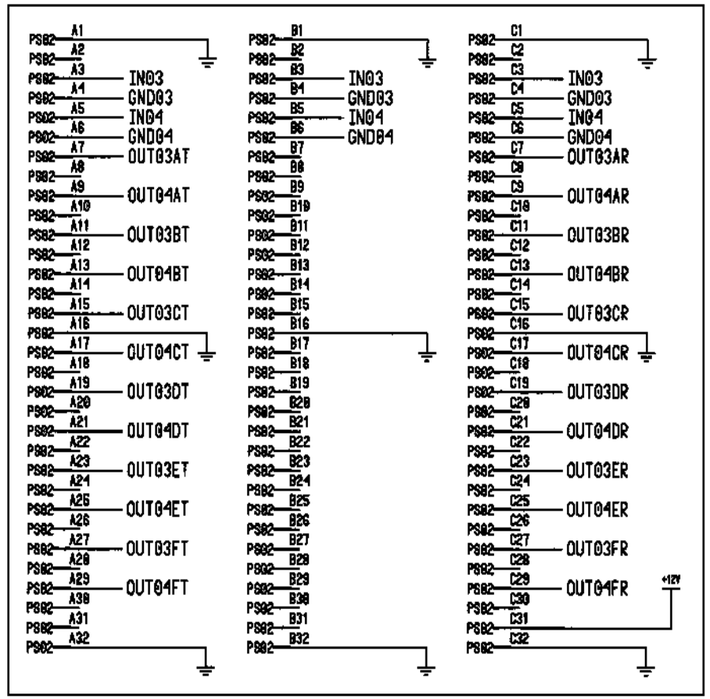


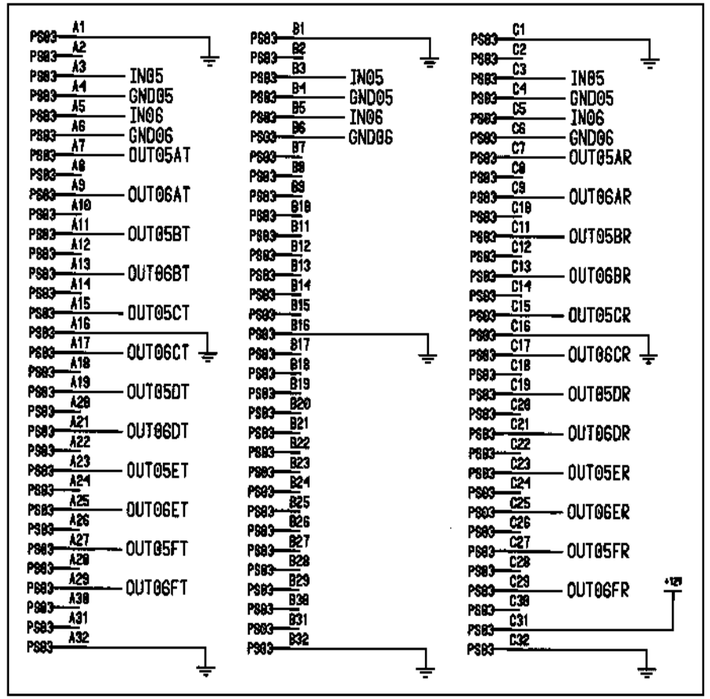
BACK VIEW

Audio Distribution Backplane

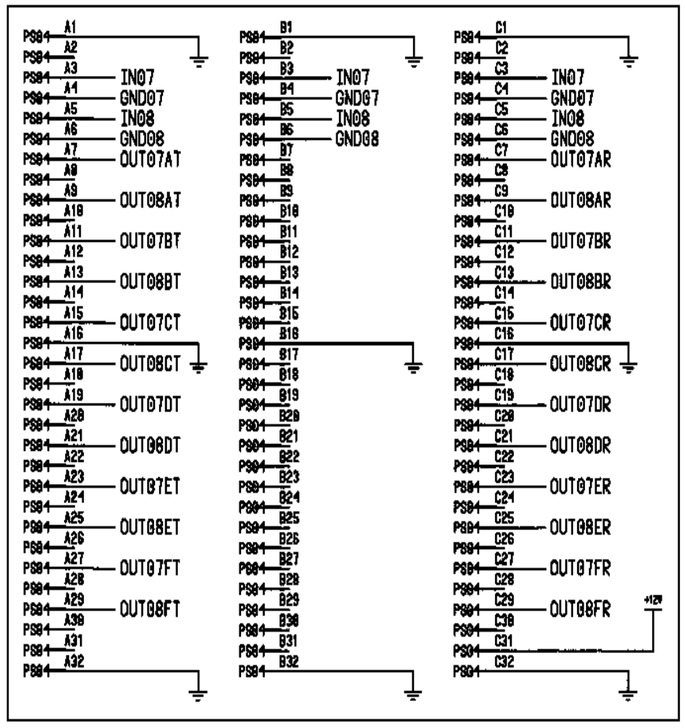
(1078-ROA 117 2258, Sheet 1, Rev. A)
(1078-ROA 117 2258, Sheet 2, Rev. A)

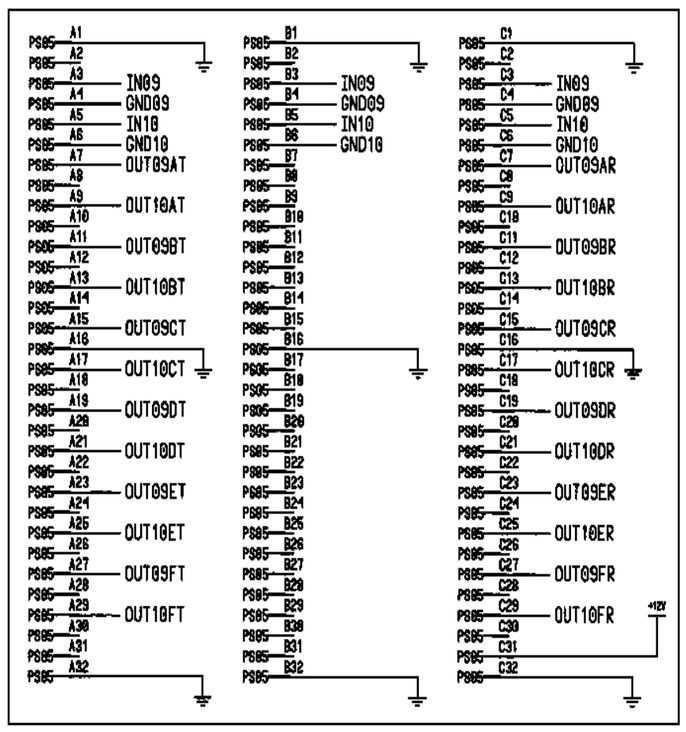


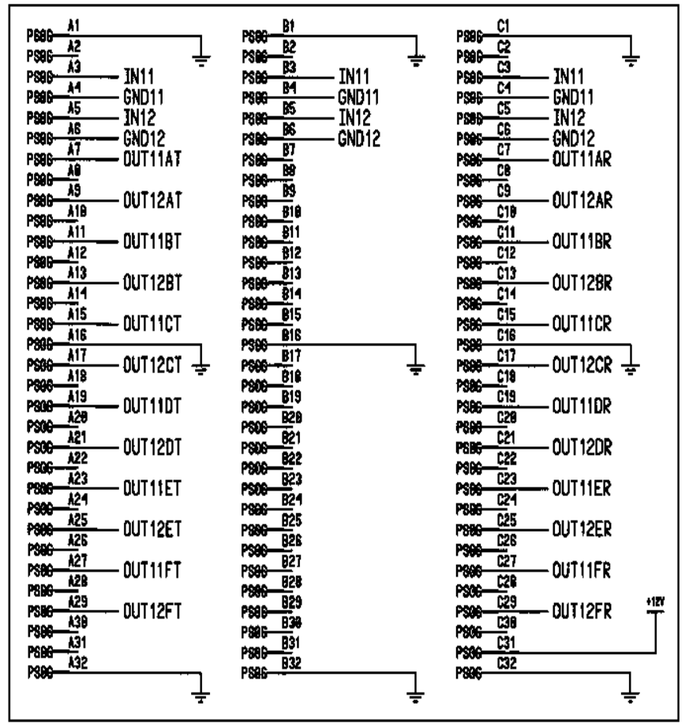




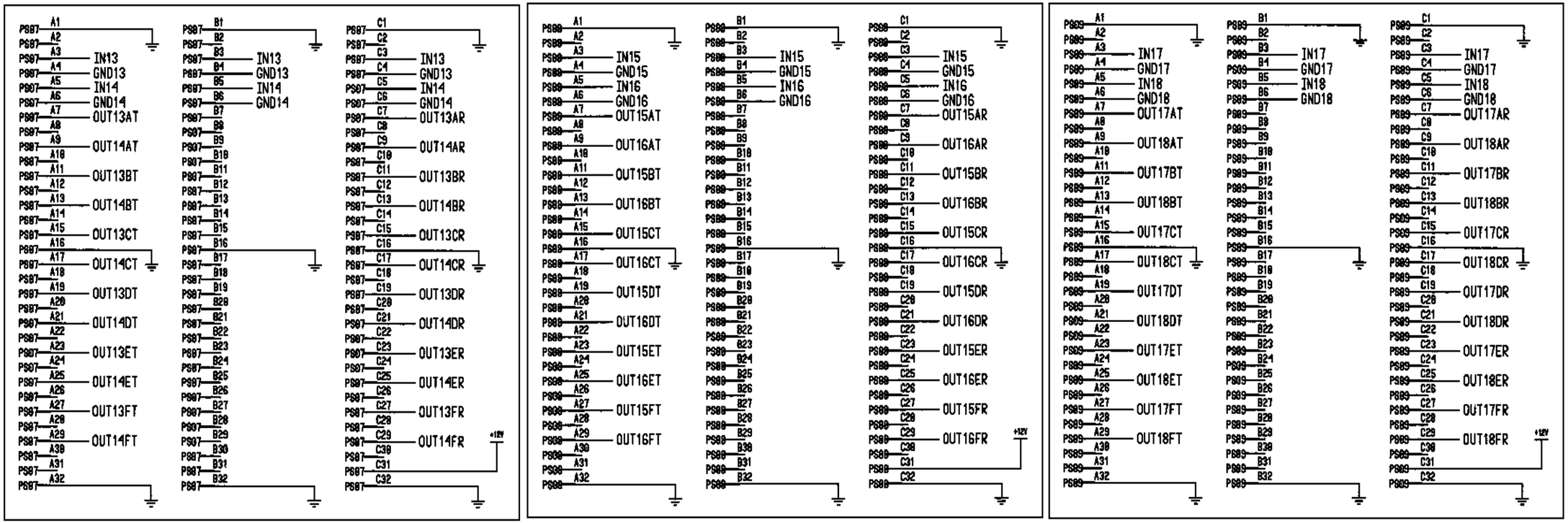
(1911-ROA 117 2258, Sheet 1, Rev. A)



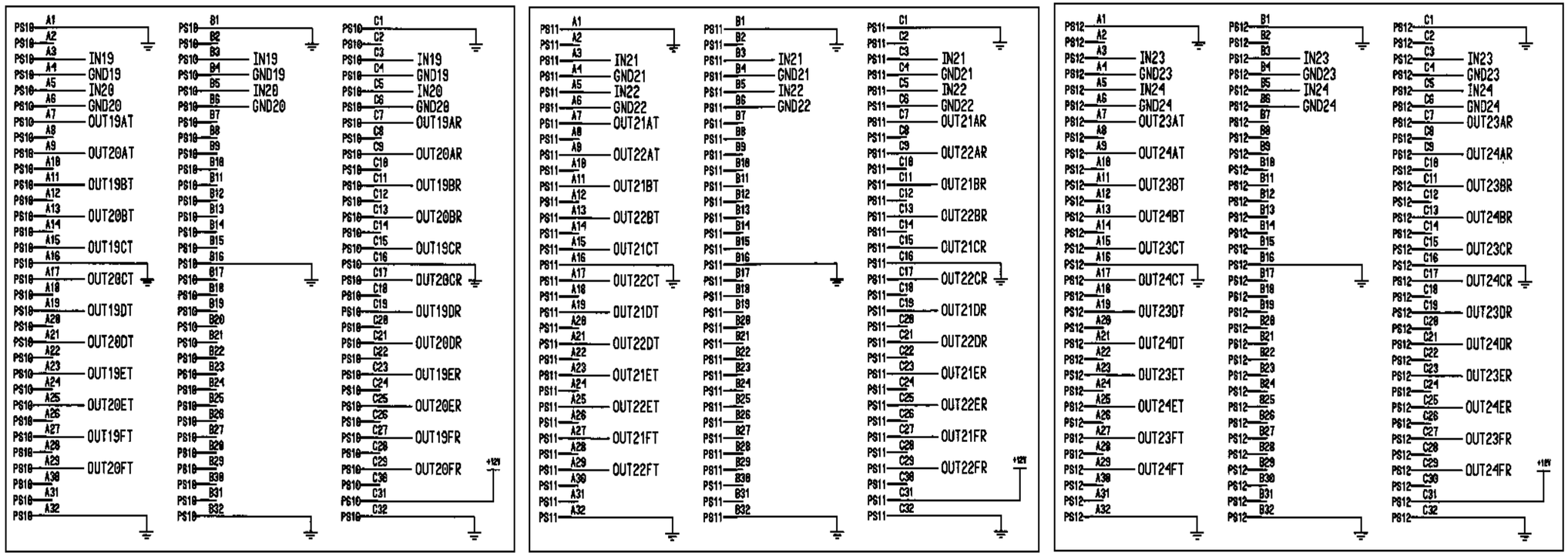




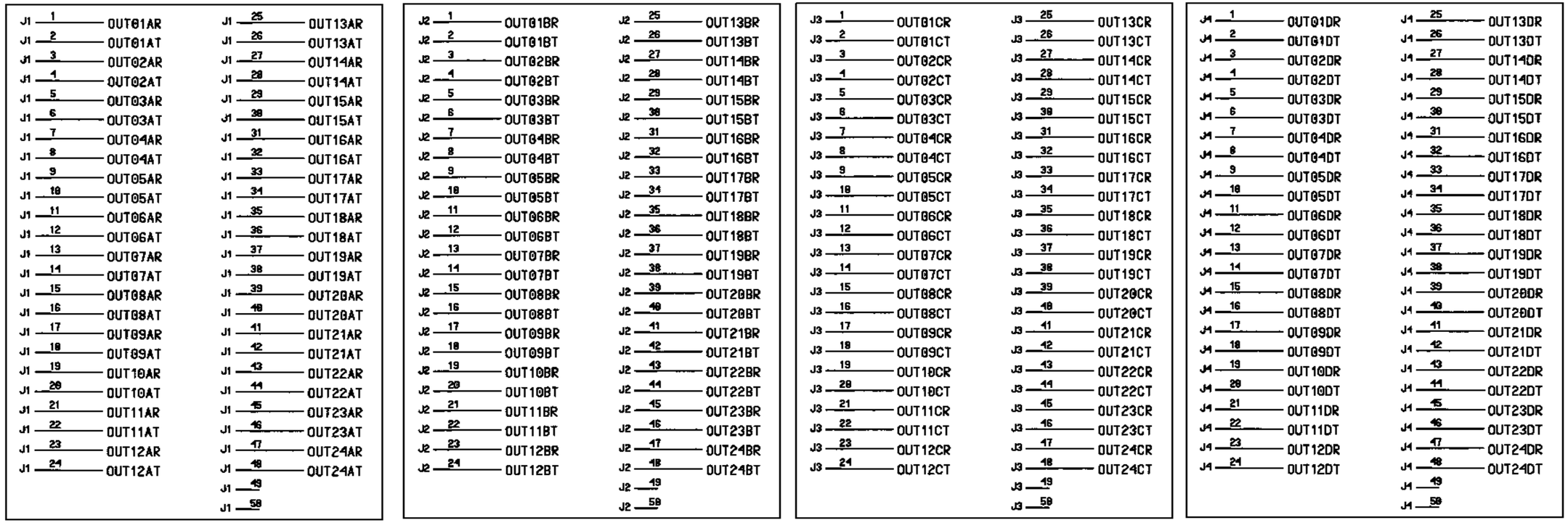
(1911-ROA 117 2258, Sheet 2, Rev. A)



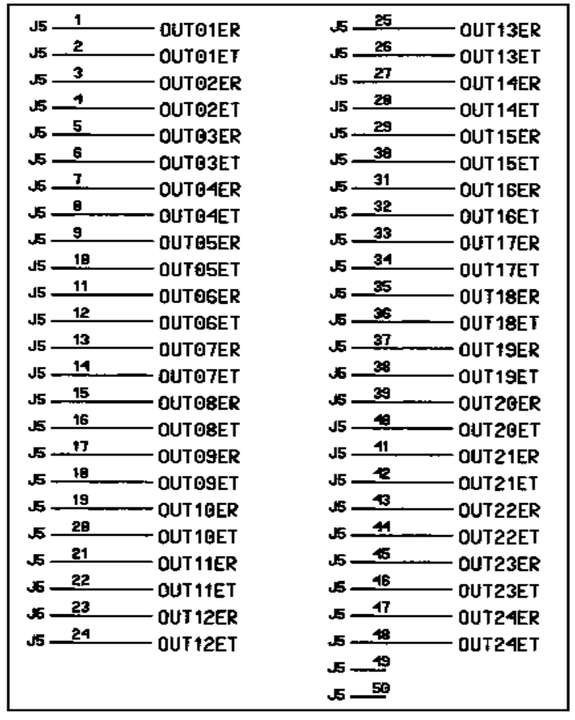
(1911-ROA 117 2258, Sheet 3, Rev. A)

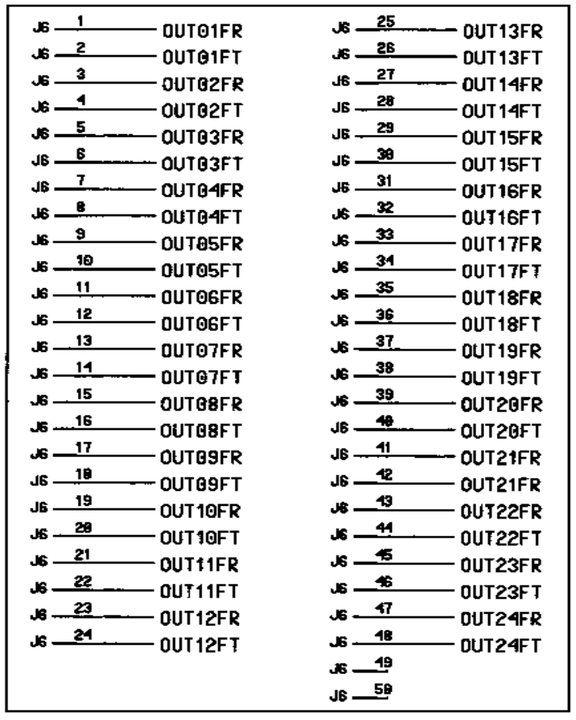


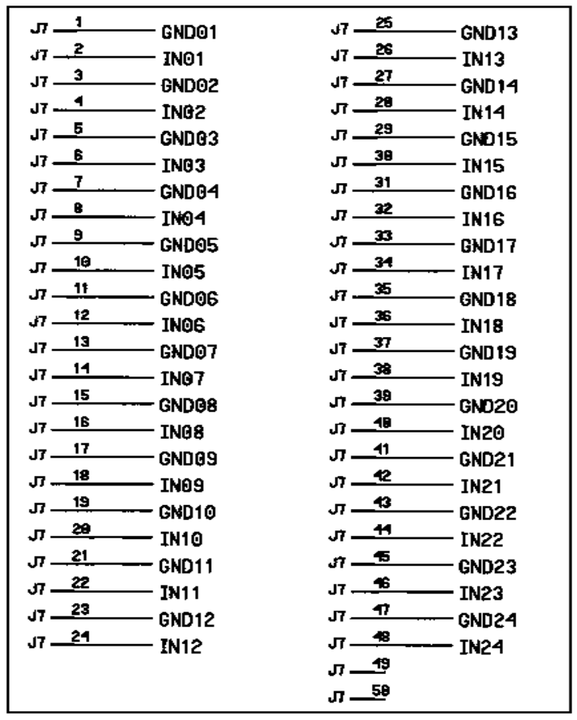
(1911-ROA 117 2258, Sheet 4, Rev. A)

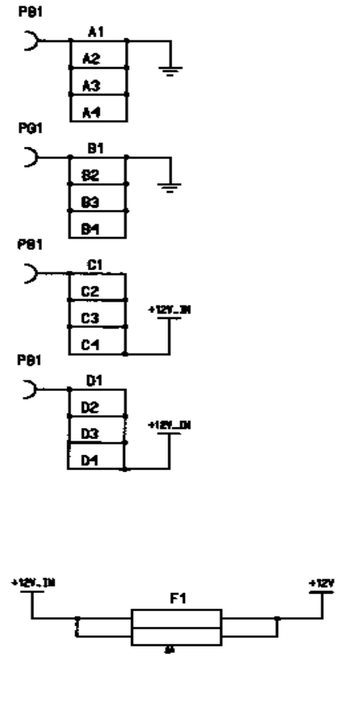


(1911-ROA 117 2258, Sheet 5, Rev. A)









(1911-ROA 117 2258, Sheet 6, Rev. A)

Ericsson Inc.
Private Radio Systems
Mountain View Road
Lynchburg, Virginia 24502
1-800-592-7711 (Outside USA, 804-592-7711

AE/LZB 119 1919/1 R1A
Printed in U.S.A.

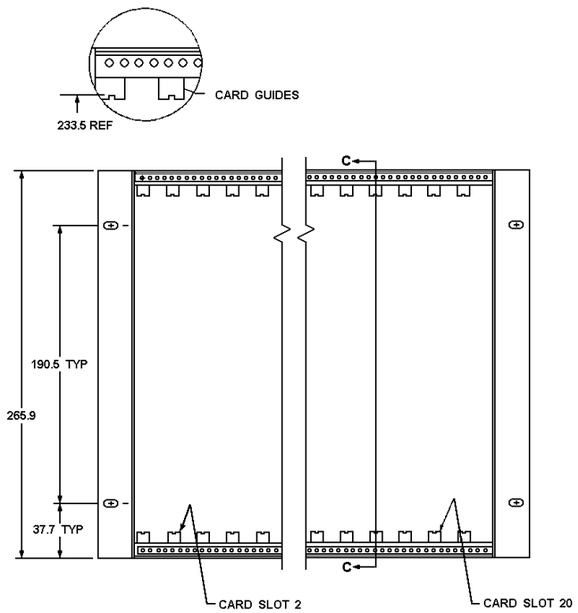
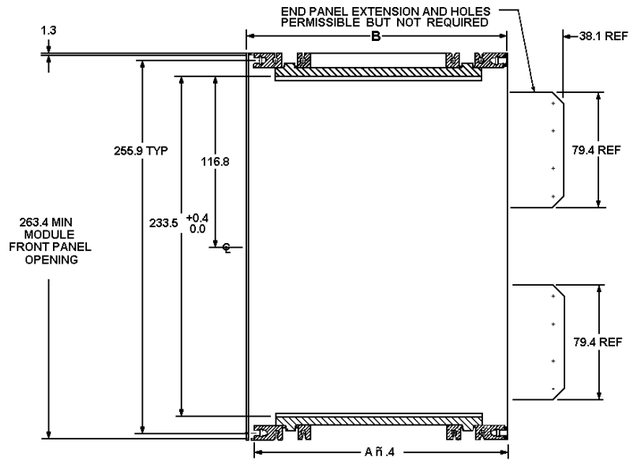


FIG. 2

SAME AS FIG. 1
EXCEPT AS SHOWN

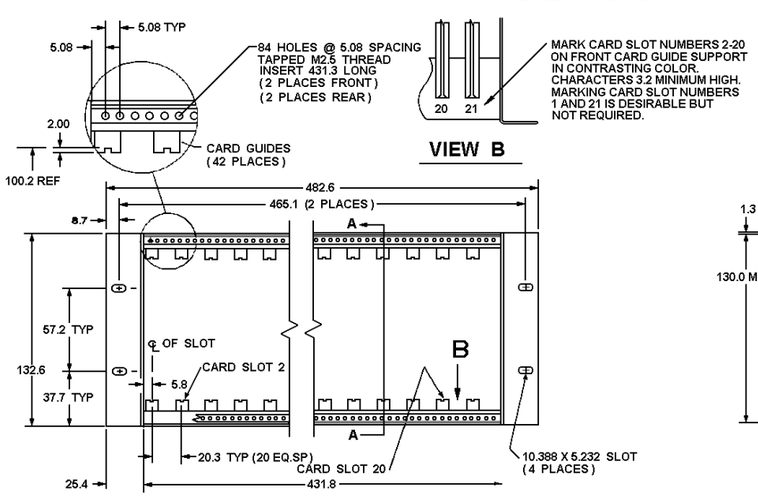


SECTION C - C

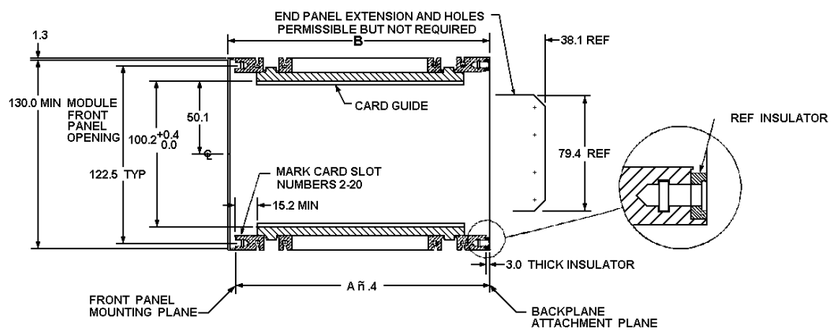
PRODUCT LIST		
PRODUCT NUMBER	DIMENSIONS	DESCRIPTION
SXA 120 4329/1	A=175.2 B=180.3	3U/160 VME CARD CAGE PER FIGURE 1
SXA 120 4329/2	A=235.2 B=240.3	3U/220 VME CARD CAGE PER FIGURE 1
SXA 120 4329/3	A=235.2 B=240.3	6U/220 VME CARD CAGE PER FIGURE 2

REQUIREMENTS: (FOR ALL PRODUCTS)

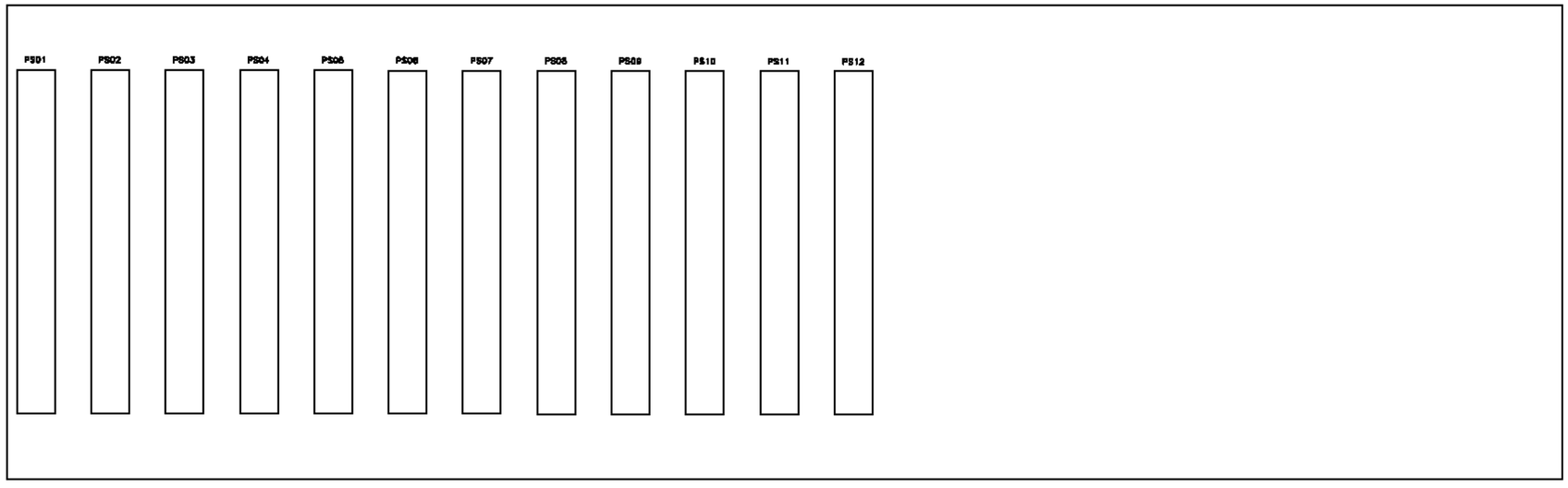
SHELF TO BE COMPLETELY ASSEMBLED AS SHOWN
MATERIAL:
SIDE PANELS - ALUMINUM 2.3 THICK
CARD GUIDE SUPPORTS - ALUMINUM
CARD GUIDES - THERMOPLASTIC
COATING:
COAT ALL ALUMINUM PARTS PER 18A705362P3
ALL TAPPED HOLES TO BE FREE OF COATING.
COATING SHALL NOT AFFECT CARD GUIDE
DIMENSIONS OR MOUNTING.



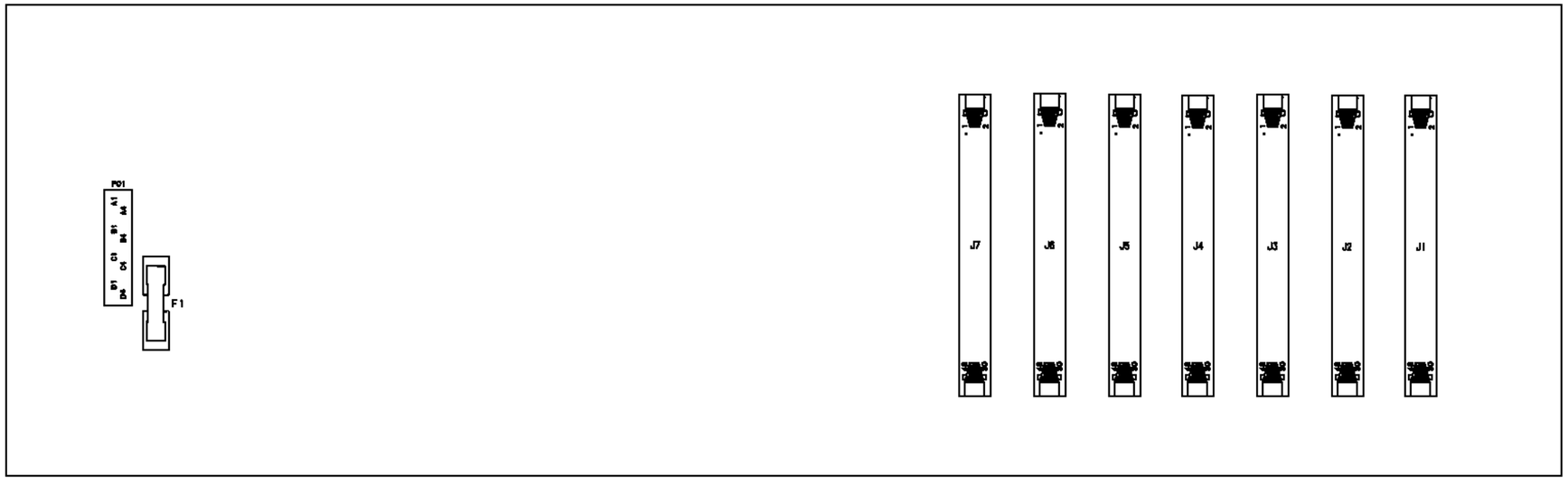
VIEW B



SECTION A-A



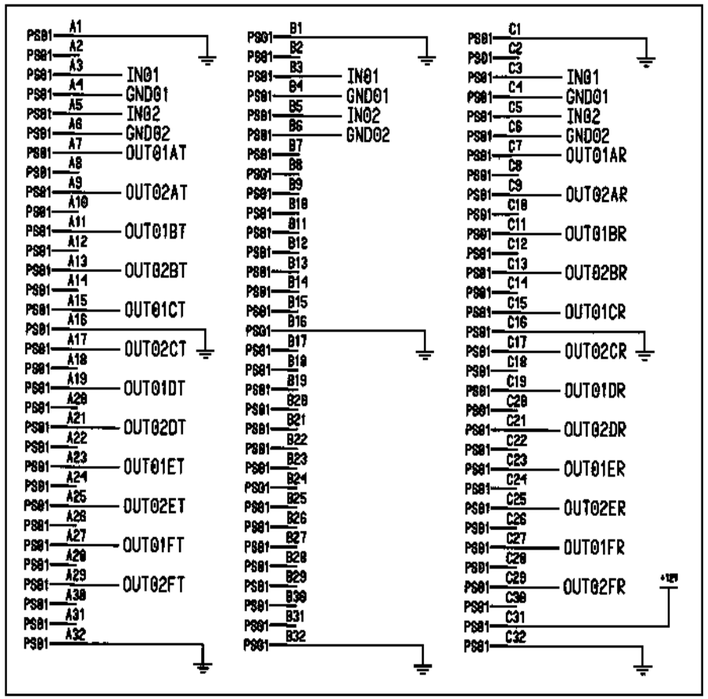
FRONT VIEW

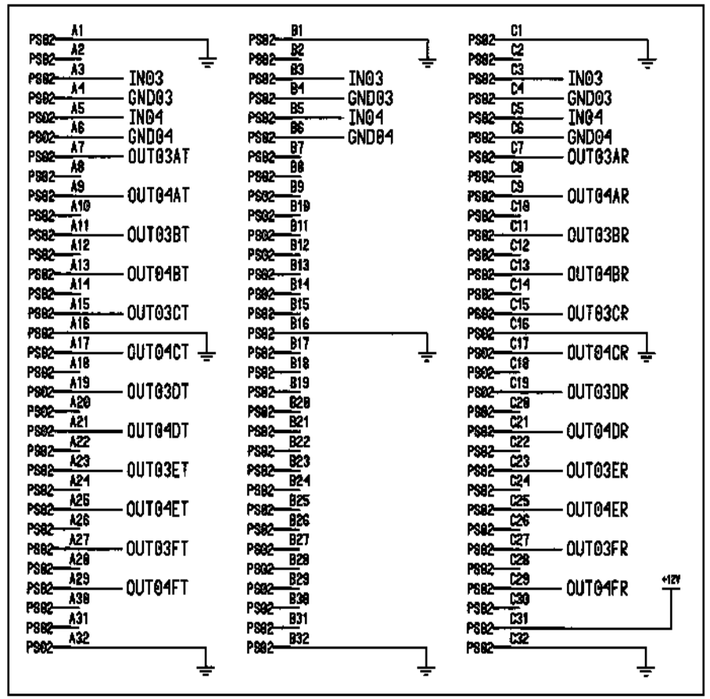


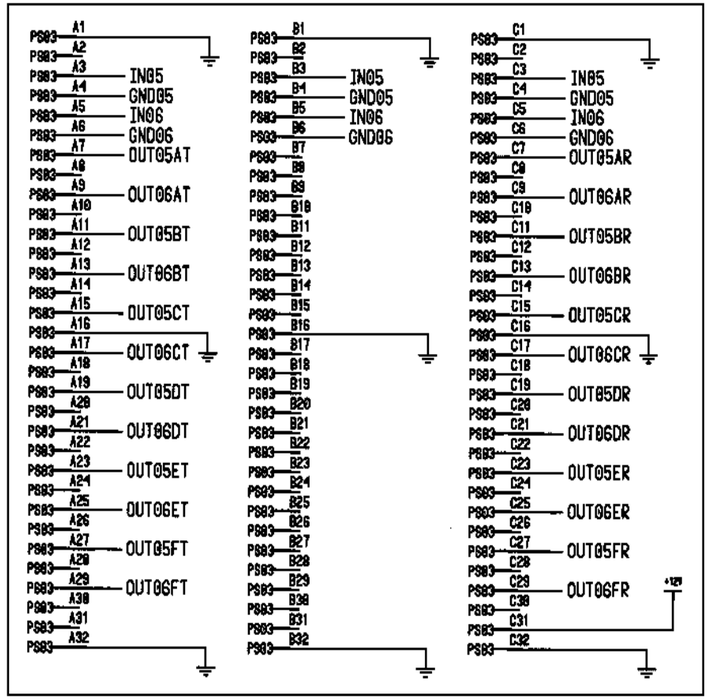
BACK VIEW

Audio Distribution Backplane

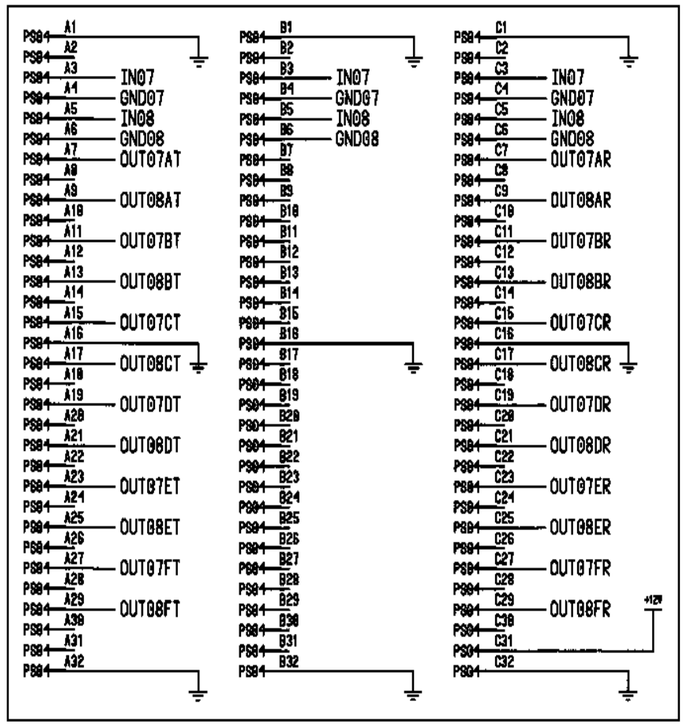
(1078-ROA 117 2258, Sheet 1, Rev. A)
(1078-ROA 117 2258, Sheet 2, Rev. A)

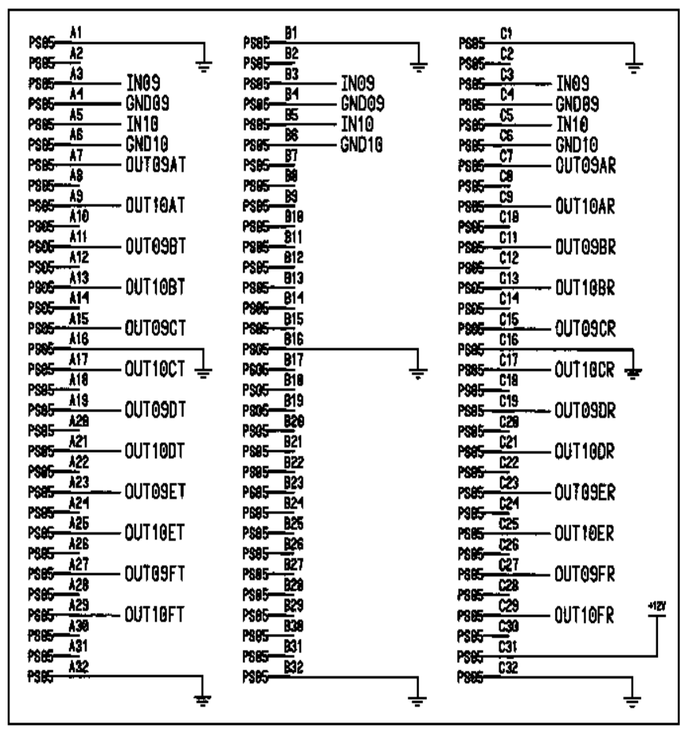


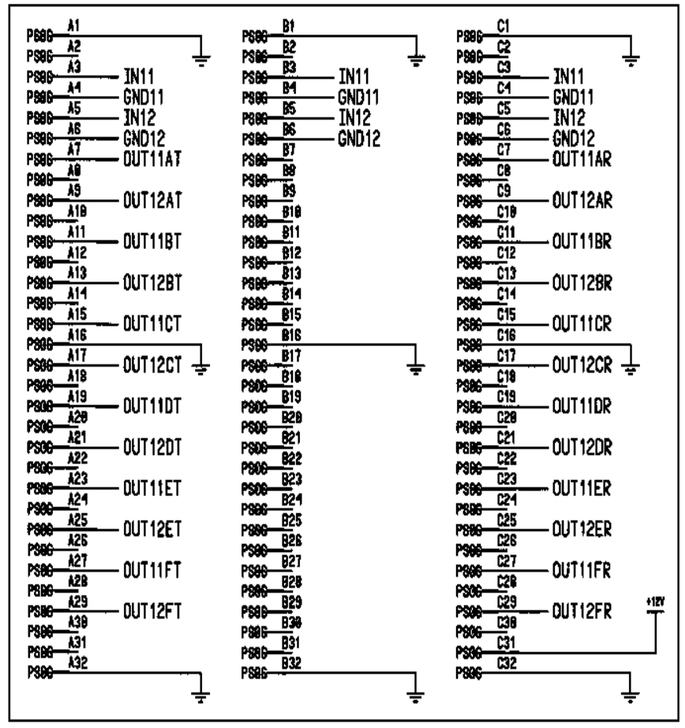




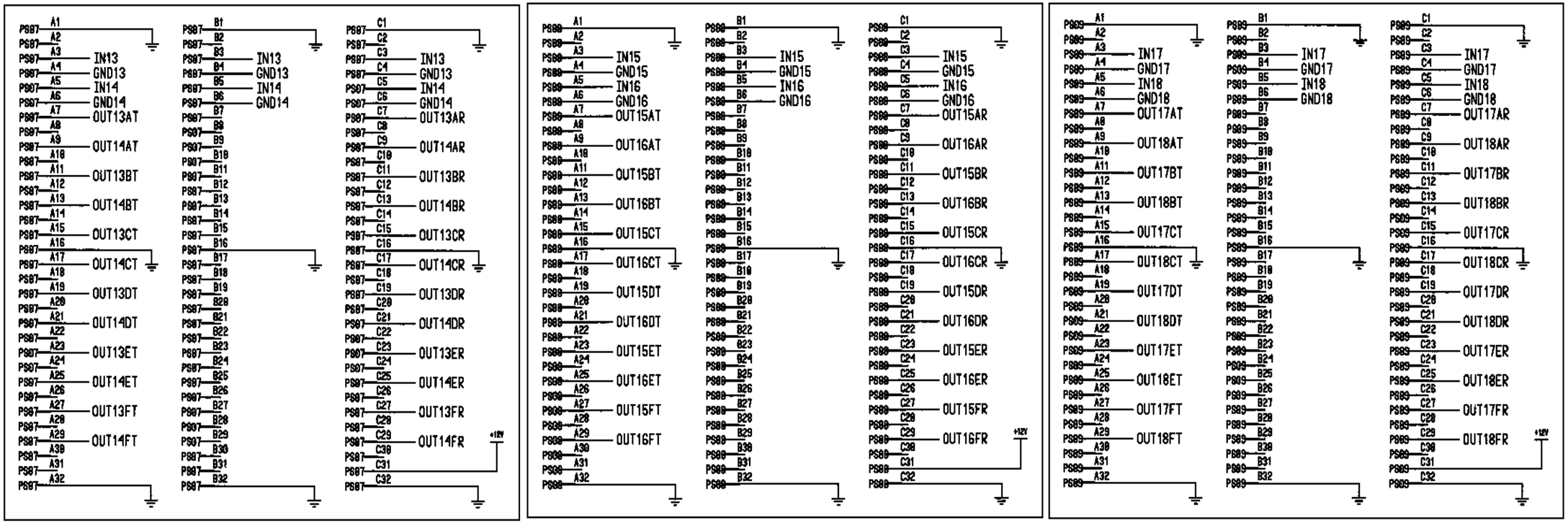
(1911-ROA 117 2258, Sheet 1, Rev. A)



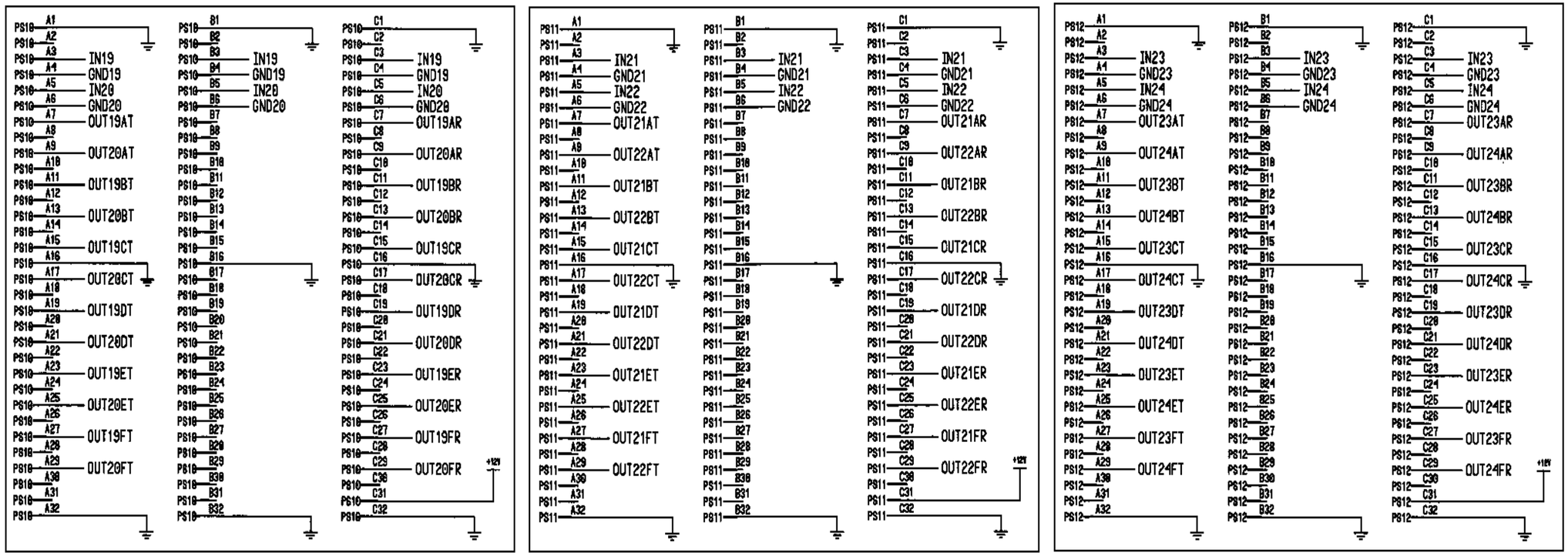




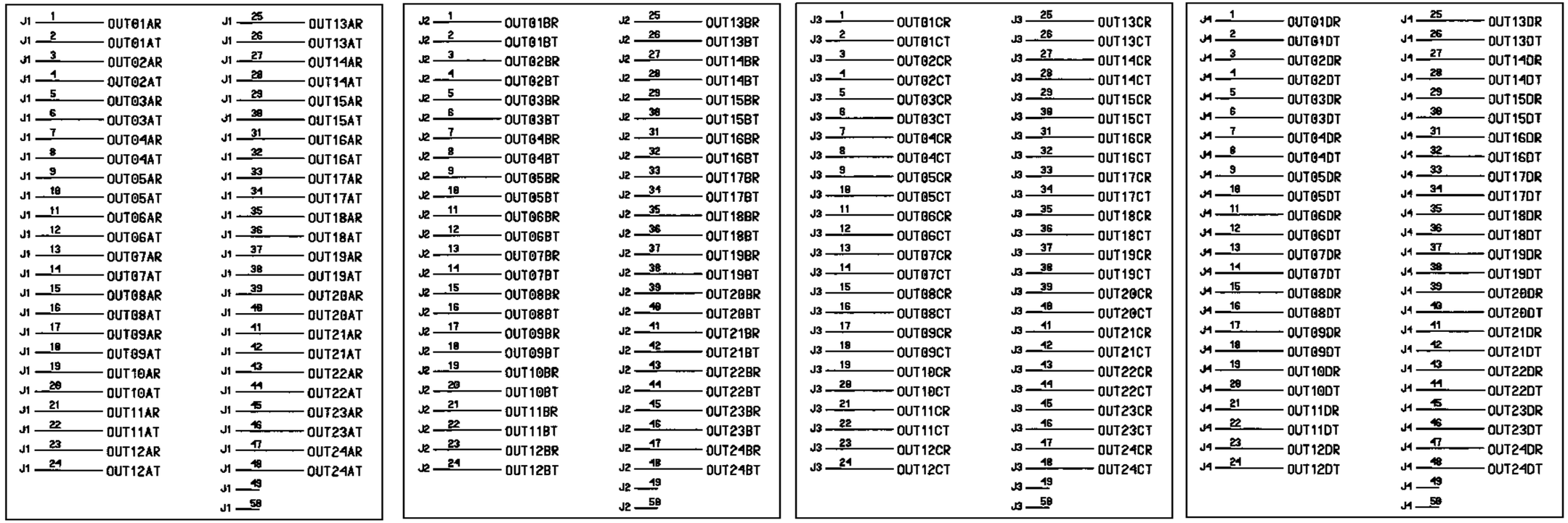
(1911-ROA 117 2258, Sheet 2, Rev. A)



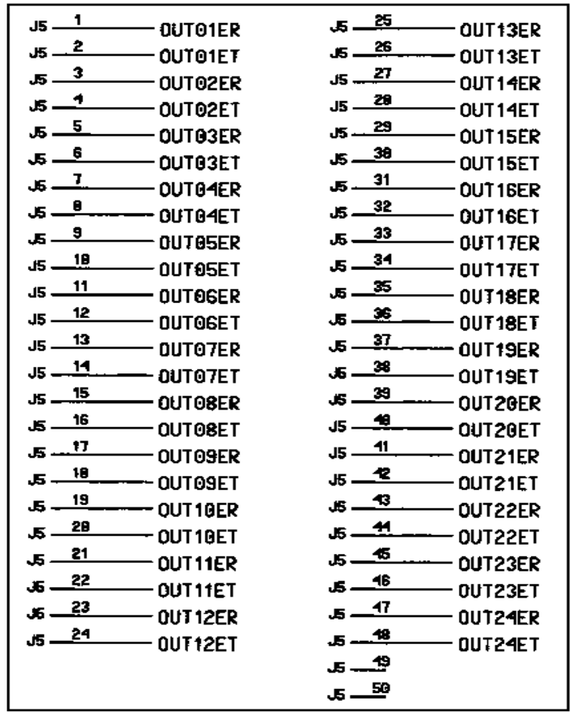
(1911-ROA 117 2258, Sheet 3, Rev. A)

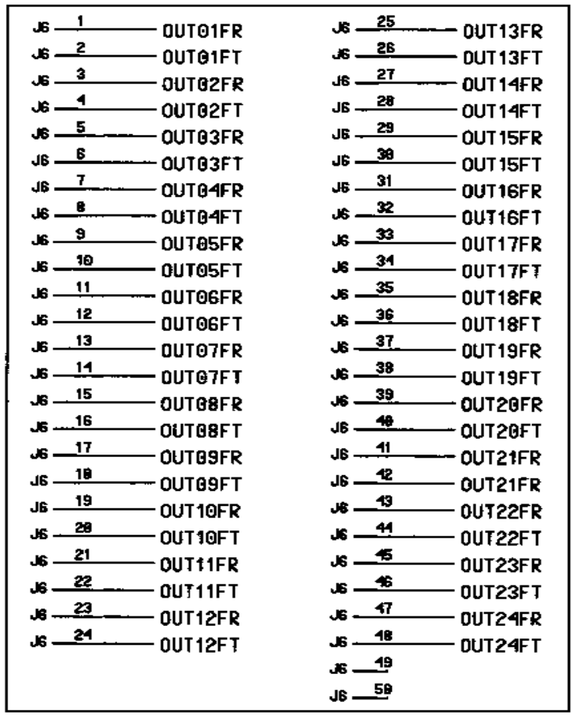


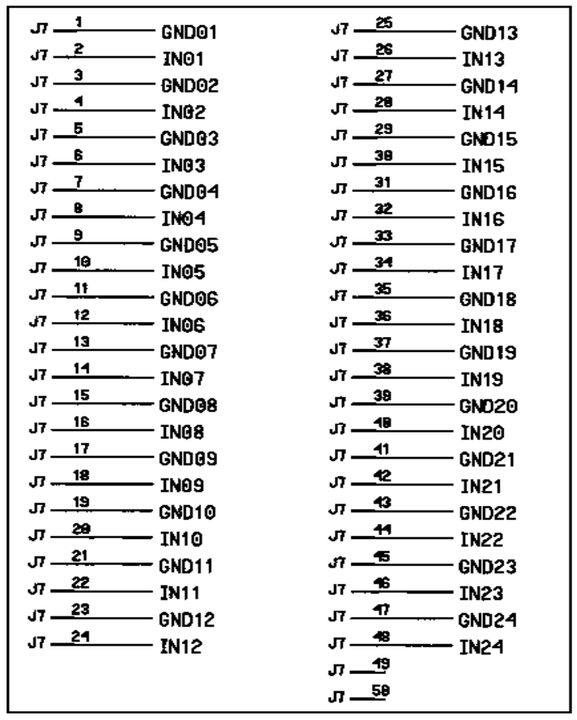
(1911-ROA 117 2258, Sheet 4, Rev. A)

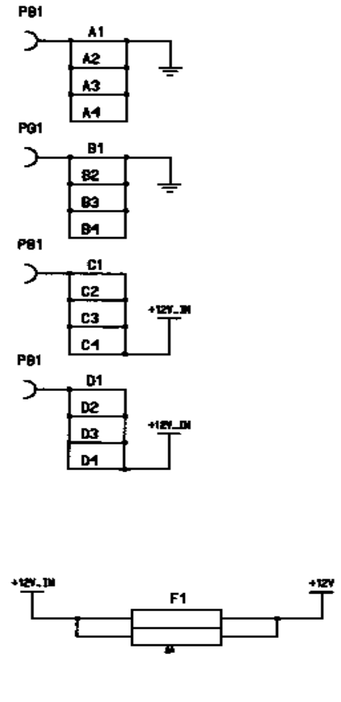


(1911-ROA 117 2258, Sheet 5, Rev. A)









(1911-ROA 117 2258, Sheet 6, Rev. A)

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