

DWG ISS	CD ISS	DATE ISSUED	DRN	APP
1	1 APPX	07-11-97		
2M	2M APPX	03-29-01		

SHEET INDEX

SHEET INDEX			
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OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

SYSTEM USED ON	DESIGN CONTROL	SUPPORTING INFORMATION	
		CATEGORY	NO.
5ESS	IH	1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX. 2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1. 3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.	

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B113

5ESS[®] SWITCHING EQUIPMENT
ACCESS INTERFACE UNIT
(AIU)

DWG SIZE C2	ISSUE 2M
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LUCENT TECHNOLOGIES SD-8G000-01 SHEET A1
OF 68 SHEETS

DESIGNATION MNEMONICS INDEX

	1	2	3	4	5	6	7	8	9
A	MNEMONIC	DEFINITION			MNEMONIC	DEFINITION			A
	-48RTN	-48 VOLT RETURN FOR THE UNIT			<0:1>PCBCK<0:1> <N:P>	HOST SERVICE GROUP <0/1> PICB CLOCK, SIDE<0:1>, DIFFERENTIAL SIGNAL.			
	-48V<0:1>	-48 VOLT POWER SUPPLY <BUS>			<0:1>PCBDD<0:1> <N:P>	HOST SERVICE GROUP <0/1> PICB DATA DOWN, SIDE<0:1>, DIFFERENTIAL SIGNAL.			
	ALTPWR	ALTERNATE POWER INPUT WHEN OTHER THAN -48V IS REQUIRED.			<0:1>PCBDU<0:1> <N:P>	HOST SERVICE GROUP <0/1> PICB DATA UP, SIDE<0:1>, DIFFERENTIAL SIGNAL.			
B	APGRD0	AP GROUND OUTPUT. THIS OUTPUT IS CROSS-COUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE MATE COMDAC. IF GROUND, THEN THIS INDICATES THAT THE PACK IS PLUGGED IN.			<0:1>PCINT<0:1> <N:P>	HOST SERVICE GROUP <0/1> PICB INTERRUPT, SIDE<0:1>, DIFFERENTIAL SIGNAL.			B
	APGRD1	AP GROUND INPUT. THIS INPUT IS CROSS-COUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE EQUIPAGE OF THE MATE COMDAC. IF LOW, THE MATE COMDAC IS EQUIPPED.			<0:1>PCMD<00:19>	PCM HIGHWAY DATA DOWN TO APPLICATION PACK <00-19> FROM COMDAC <0:1>			
	AP5V0	AP POWER SUPPLY 5V OUTPUT. THIS OUTPUT IS CROSS COUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE LINE SIDE POWER SUPPLY BY THE MATE COMDAC. IF EQUAL TO +5V, THEN THE LINE SUPPLY IS FUNCTIONING.			<0:1>PCMDU<00:19>	PCM HIGHWAY DATA UP FROM APPLICATION PACK <00-19> FROM COMDAC <0:1>			
C	AP5V1	AP POWER SUPPLY 5V INPUT. THIS INPUT IS CROSS COUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE LINE SIDE POWER SUPPLY FROM THE MATE COMDAC. IF EQUAL TO +5V, THEN THE HOST SUPPLY IS FUNCTIONING.			<0:1>PCMSY<00:19>	PCM HIGHWAY FRAME SYNC TO APPLICATION PACK <00-19> FROM COMDAC <0:1>			C
	FRGRD	FRAME GROUND			<0:1>PCM4M<00:19>	PCM HIGHWAY 4.096 MHZ CLOCK TO APPLICATION PACK <00-19> FROM COMDAC <0:1>			
	MX<1-4>_01	SIGNALS FROM COMDAC 0 TO COMDAC 1.			<0:1>PCSEL<0:1> <N:P>	HOST SERVICE GROUP <0/1> PICB SERVICE GROUP SELECT, SIDE <0:1> DIFFERENTIAL SIGNAL.			
	MX<1-4>_10	SIGNALS FROM COMDAC 1 TO COMDAC 0.			1MCLK<0:1>	CROSS-COUPLED 1 MHZ SYNC CLOCKS <REMOTE> BETWEEN COMDACs.			
D	SM5V0	SM POWER SUPPLY 5V OUTPUT. THIS OUTPUT IS CROSSCOUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE HOST POWER SUPPLY BY THE MATE COMDAC. IF EQUAL TO +5V, THEN THE HOST SUPPLY IS FUNCTIONING.			1MCLK<0:1>	1 MHZ SYNC CLOCK <LOCAL> THAT EACH COMDAC PROVIDES ITSELF.			D
	SM5V1	SM POWER SUPPLY 5V INPUT. THIS INPUT IS CROSSCOUPLED WITH THE MATE COMDAC TO PROVIDE A MONITOR POINT FOR THE HOST POWER SUPPLY FROM THE MATE COMDAC. IF EQUAL TO +5V, THEN THE MATE'S HOST SUPPLY IS FUNCTIONING.			2<T:R><0:1><00:19><00:31>	2 WIRE, TIP OR RING, TR0 OR TR1, AP NUMBER, LINE CIRCUIT NUMBER.			
E	<T:R> GPB <0-5>	<TIP/RING> GENERAL PURPOSE BUS <BUS>							E
	<T:R> MTB <0:1>	<TIP/RING> METALLIC TEST BUS <BUS>							
	<T:R> RG <0:1>	<TIP/RING> RING GENERATOR <BUS>							
	<0:1> APCD <00:19>	APPLICATION PACK <00-19> CONTROL DATA DOWN FROM COMDAC <0:1>							
	<0:1> APCU <00:19>	APPLICATION PACK <00-19> CONTROL DATA UP TO COMDAC <0:1>							
	<0:1> APRST <00:19>	APPLICATION PACK <00-19> RESET FROM COMDAC <0:1>							
	<0:1> APSID <00:19>	APPLICATION PACK <00-19> SIDE SELECT FROM COMDAC <0:1>							
F	<0:1>P<A-F> CLK <0:1> <N:P>	HOST SERVICE GROUP <0/1> PIDB <A-F> 4 MHZ CLOCK INPUT, SIDE <0/1>, DIFFERENTIAL SIGNAL.							F
	<0:1>P<A-F> DD <0:1> <N:P>	HOST SERVICE GROUP <0/1> PIDB <A-F> DATA DOWN FROM HOST, SIDE <0/1>, DIFFERENTIAL SIGNAL.							
	<0:1>P<A-F> DU <0:1> <N:P>	HOST SERVICE GROUP <0/1> PIDB <A-F> DATA UP TO HOST, SIDE <0/1>, DIFFERENTIAL SIGNAL.							
	<0:1>P<A-F> SYN <0:1> <N:P>	HOST SERVICE GROUP <0/1> PIDB <A-F> 8 KHZ SYNC INPUT, SIDE <0/1>, DIFFERENTIAL SIGNAL.							
G									G
H									H

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ACCESS INTERFACE UNIT <AIU>	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET A2

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
-48RTN	COMDAC0	A	07-083	A161	P	-48RTNF	B1/B2	
-48RTN	COMDAC0	A	07-083	A162	P	-48RTNA	B1/B2	
-48RTN	COMDAC0	R	07-083	B005	IXO	ID3	B32/E7	
-48RTN	COMDAC0	N	07-083	B092	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	B094	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	B096	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	B098	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	B102	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	A	07-083	B161	P	-48RTNG	B1/B2	
-48RTN	COMDAC0	A	07-083	B162	P	-48RTNB	B1/B2	
-48RTN	COMDAC0	Q	07-083	C002	IXO	-48RTN_ECL	B5/C7	
-48RTN	COMDAC0	Q	07-083	C003	IXO	-48RTN_ECL	B5/C7	
-48RTN	COMDAC0	Q	07-083	C004	IXO	-48RTN	B5/B7	
-48RTN	COMDAC0	Q	07-083	C006	IXO	-48RTN_ECL	B5/C7	
-48RTN	COMDAC0	N	07-083	C087	IXO	-48RTNN	B5/C5	
-48RTN	COMDAC0	N	07-083	C090	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	C100	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	C101	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	C102	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	A	07-083	C106	IXO	COMDAC	B1/E4	
-48RTN	COMDAC0	E	07-083	C115	P	-48RTNAJ	B2/F3	
-48RTN	COMDAC0	E	07-083	C116	P	-48RTNAI	B2/F3	
-48RTN	COMDAC0	E	07-083	C117	P	-48RTNAH	B2/F3	
-48RTN	COMDAC0	E	07-083	C118	P	-48RTNAG	B2/F3	
-48RTN	COMDAC0	E	07-083	C119	P	-48RTNAF	B2/F3	
-48RTN	COMDAC0	E	07-083	C120	P	-48RTNAE	B2/F3	
-48RTN	COMDAC0	D	07-083	C121	P	-48RTNAD	B2/C6	
-48RTN	COMDAC0	D	07-083	C122	P	-48RTNAC	B2/C6	
-48RTN	COMDAC0	D	07-083	C123	P	-48RTNAB	B2/C6	
-48RTN	COMDAC0	D	07-083	C124	P	-48RTNAA	B2/B6	
-48RTN	COMDAC0	D	07-083	C125	P	-48RTNAZ	B2/B6	
-48RTN	COMDAC0	D	07-083	C126	P	-48RTNY	B2/B6	
-48RTN	COMDAC0	D	07-083	C127	P	-48RTNX	B2/B6	
-48RTN	COMDAC0	D	07-083	C128	P	-48RTNW	B2/B6	
-48RTN	COMDAC0	C	07-083	C129	P	-48RTNV	B2/C2	
-48RTN	COMDAC0	C	07-083	C130	P	-48RTNU	B2/C2	
-48RTN	COMDAC0	C	07-083	C131	P	-48RTNT	B2/C2	
-48RTN	COMDAC0	C	07-083	C132	P	-48RTNS	B2/C2	
-48RTN	COMDAC0	C	07-083	C133	P	-48RTNR	B2/B2	
-48RTN	COMDAC0	C	07-083	C134	P	-48RTNCECM	B2/B2	
-48RTN	COMDAC0	C	07-083	C135	P	-48RTMAMECM	B2/B2	
-48RTN	COMDAC0	C	07-083	C136	P	-48RTNOECM	B2/B2	
-48RTN	COMDAC0	B	07-083	C137	P	-48RTNNECL	B1/C7	
-48RTN	COMDAC0	B	07-083	C138	P	-48RTNMECL	B1/C7	
-48RTN	COMDAC0	B	07-083	C139	P	-48RTNL	B1/C7	
-48RTN	COMDAC0	B	07-083	C140	P	-48RTNK	B1/C7	
-48RTN	COMDAC0	S	07-083	C141	P	INV_D3	B33/D4	
-48RTN	COMDAC0	S	07-083	C142	P	INV_D2	B33/D4	
-48RTN	COMDAC0	S	07-083	C143	P	INV_D1	B33/C4	
-48RTN	COMDAC0	A	07-083	C161	P	-48RTNHECL	B1/B2	
-48RTN	COMDAC0	A	07-083	C162	P	-48RTNCECL	B1/B2	
-48RTN	COMDAC0	R	07-083	D005	IXO	ID1	B32/E7	
-48RTN	COMDAC0	N	07-083	D092	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	D094	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	D096	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	D098	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	D100	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	D102	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	A	07-083	D161	P	-48RTNI	B1/B2	
-48RTN	COMDAC0	A	07-083	D162	P	-48RTND	B1/B2	
-48RTN	COMDAC0	N	07-083	E100	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	N	07-083	E102	IXO	-48RTNAK	B5/A5	
-48RTN	COMDAC0	A	07-083	E161	P	-48RTNJ	B1/C2	
-48RTN	COMDAC0	A	07-083	E162	P	-48RTNE	B1/B2	
-48RTN	COMDAC1	A	07-108	A161	P	-48RTNF	B6/B2	
-48RTN	COMDAC1	R	07-108	A162	P	-48RTNA	B6/B2	
-48RTN	COMDAC1	A	07-108	B005	IXO	ID3	B32/F7	
-48RTN	COMDAC1	N	07-108	B092	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	B094	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	B096	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	B098	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	B102	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	A	07-108	B161	P	-48RTNG	B6/B2	
-48RTN	COMDAC1	A	07-108	B162	P	-48RTNB	B6/B2	
-48RTN	COMDAC1	Q	07-108	C002	IXO	-48RTN_ECL	B10/C7	
-48RTN	COMDAC1	Q	07-108	C003	IXO	-48RTN_ECL	B10/C7	
-48RTN	COMDAC1	Q	07-108	C004	IXO	-48RTN	B10/B7	
-48RTN	COMDAC1	Q	07-108	C006	IXO	-48RTN_ECL	B10/C7	
-48RTN	COMDAC1	N	07-108	C087	IXO	-48RTNN	B10/C5	
-48RTN	COMDAC1	N	07-108	C090	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	C100	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	C101	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	C102	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	E	07-108	C115	P	-48RTNAJ	B7/F2	
-48RTN	COMDAC1	E	07-108	C116	P	-48RTNAI	B7/F2	
-48RTN	COMDAC1	E	07-108	C117	P	-48RTNAH	B7/F2	
-48RTN	COMDAC1	E	07-108	C118	P	-48RTNAG	B7/F2	
-48RTN	COMDAC1	E	07-108	C119	P	-48RTNAF	B7/F2	
-48RTN	COMDAC1	E	07-108	C120	P	-48RTNAE	B7/F2	
-48RTN	COMDAC1	D	07-108	C121	P	-48RTNAD	B7/C6	
-48RTN	COMDAC1	D	07-108	C122	P	-48RTNAC	B7/C6	
-48RTN	COMDAC1	D	07-108	C123	P	-48RTNAB	B7/C6	
-48RTN	COMDAC1	D	07-108	C124	P	-48RTNAA	B7/C6	
-48RTN	COMDAC1	D	07-108	C125	P	-48RTNAZ	B7/C6	
-48RTN	COMDAC1	D	07-108	C126	P	-48RTNY	B7/C6	
-48RTN	COMDAC1	D	07-108	C127	P	-48RTNX	B7/C6	
-48RTN	COMDAC1	D	07-108	C128	P	-48RTNW	B7/C6	
-48RTN	COMDAC1	D	07-108	C129	P	-48RTNV	B7/C2	
-48RTN	COMDAC1	C	07-108	C130	P	-48RTNU	B7/C2	
-48RTN	COMDAC1	C	07-108	C131	P	-48RTNT	B7/C2	
-48RTN	COMDAC1	C	07-108	C132	P	-48RTNS	B7/C2	
-48RTN	COMDAC1	C	07-108	C133	P	-48RTNR	B7/C2	
-48RTN	COMDAC1	C	07-108	C134	P	-48RTNCECM	B7/C2	
-48RTN	COMDAC1	C	07-108	C135	P	-48RTMAMECM	B7/C2	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
-48RTN	COMDAC1	C	07-108	C136	P	-48RTNCECM	B7/C2	
-48RTN	COMDAC1	B	07-108	C137	P	-48RTNNECL	B6/C7	
-48RTN	COMDAC1	B	07-108	C138	P	-48RTNMECL	B6/C7	
-48RTN	COMDAC1	B	07-108	C139	P	-48RTNL	B6/C7	
-48RTN	COMDAC1	B	07-108	C140	P	-48RTNK	B6/B7	
-48RTN	COMDAC1	S	07-108	C141	P	INV_D3	B33/E4	
-48RTN	COMDAC1	S	07-108	C142	P	INV_D2	B33/D4	
-48RTN	COMDAC1	S	07-108	C143	P	INV_D1	B33/D4	
-48RTN	COMDAC1	A	07-108	C161	P	-48RTNHECL	B6/B2	
-48RTN	COMDAC1	A	07-108	C162	P	-48RTNCECL	B6/B2	
-48RTN	COMDAC1	N	07-108	D092	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	D094	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	D096	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	D098	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	D100	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	D102	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	A	07-108	D161	P	-48RTNI	B6/B2	
-48RTN	COMDAC1	A	07-108	D162	P	-48RTND	B6/B2	
-48RTN	COMDAC1	R	07-108	E005	IXO	ID0	B32/F7	
-48RTN	COMDAC1	N	07-108	E100	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	N	07-108	E102	IXO	-48RTNAK	B10/A5	
-48RTN	COMDAC1	A	07-108	E161	P	-48RTNJ	B6/B2	
-48RTN	COMDAC1	A	07-108	E162	P	-48RTNE	B6/B2	
-48RTN	APPACK0	D	07-133	A005	IXO	ID4	B32/B2	
-48RTN	APPACK0	C	07-133	A009	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A015	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A018	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A021	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A024	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A027	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A033	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A036	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A039	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A042	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A043	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A044	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A045	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A046	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A047	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A048	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A049	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A050	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	A161	P	-48RTNA_ECL	B11/D4	
-48RTN	APPACK0	C	07-133	A162	P	-48RTNB_ECL	B11/E4	
-48RTN	APPACK0	D	07-133	B005	IXO	ID3	B32/B2	
-48RTN	APPACK0	C	07-133	B012	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B017	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B020	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B023	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B030	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B035	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B038	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B041	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B128	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B161	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	B162	P	-48RTN	B11/D4	
-48RTN	APPACK0	C	07-133	C003	P	-48RTND_ECL	B11/D4	
-48RTN	APPACK0	C	07-133	C004	P	-48RTN	B11/D4	
-48RTN	APPACK0	D	07-133	C005	IXO	ID2	B32/B2	
-48RTN	APPACK0	C	07-133	C006	P	-48RTNC_ECL	B11	

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PJN_NO	FN	TRMOD	LOC	XT
-48V0	APPACK12	C	07-438	A003	P	-48VBSEC	B23/E2	
-48V0	APPACK13	C	07-463	A158	P	-48VPRI_ECM	B24/E2	
-48V0	APPACK13	C	07-463	A159	P	-48VPRI_ECM	B24/E2	
-48V0	APPACK13	C	07-463	B158	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	B159	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	C158	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	C159	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	D158	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	D159	P	-48VPRI	B24/E2	
-48V0	APPACK13	C	07-463	E001	P	-48VAPRI_ECM	B24/E2	
-48V0	APPACK13	C	07-463	E002	P	-48VAPRI	B24/E2	
-48V0	APPACK13	C	07-463	E003	P	-48VAPRI	B24/E2	
-48V0	APPACK14	C	07-488	A158	P	-48VPRI_ECM	B25/E2	
-48V0	APPACK14	C	07-488	A159	P	-48VPRI_ECM	B25/E2	
-48V0	APPACK14	C	07-488	B158	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	B159	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	C158	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	C159	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	D158	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	D159	P	-48VPRI	B25/E2	
-48V0	APPACK14	C	07-488	E001	P	-48VAPRI_ECM	B25/E2	
-48V0	APPACK14	C	07-488	E002	P	-48VAPRI	B25/E2	
-48V0	APPACK14	C	07-488	E003	P	-48VAPRI	B25/E2	
-48V0	APPACK15	C	07-513	A001	P	-48VBSEC_ECM	B26/E3	
-48V0	APPACK15	C	07-513	A002	P	-48VBSEC	B26/E3	
-48V0	APPACK15	C	07-513	A003	P	-48VBSEC	B26/E3	
-48V0	APPACK16	C	07-538	A001	P	-48VBSEC_ECM	B27/E2	
-48V0	APPACK16	C	07-538	A002	P	-48VBSEC	B27/E2	
-48V0	APPACK16	C	07-538	A003	P	-48VBSEC	B27/E2	
-48V0	APPACK17	C	07-563	A158	P	-48VPRI_ECM	B28/E2	
-48V0	APPACK17	C	07-563	A159	P	-48VPRI_ECM	B28/E2	
-48V0	APPACK17	C	07-563	B158	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	B159	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	C158	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	C159	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	D158	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	D159	P	-48VPRI	B28/E2	
-48V0	APPACK17	C	07-563	E001	P	-48VAPRI_ECM	B28/E2	
-48V0	APPACK17	C	07-563	E002	P	-48VAPRI	B28/E2	
-48V0	APPACK17	C	07-563	E003	P	-48VAPRI	B28/E2	
-48V0	APPACK18	C	07-588	A158	P	-48VPRI_ECM	B29/E2	
-48V0	APPACK18	C	07-588	A159	P	-48VPRI_ECM	B29/E2	
-48V0	APPACK18	C	07-588	B158	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	B159	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	C158	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	C159	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	D158	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	D159	P	-48VPRI	B29/E2	
-48V0	APPACK18	C	07-588	E001	P	-48VAPRI_ECM	B29/E2	
-48V0	APPACK18	C	07-588	E002	P	-48VAPRI	B29/E2	
-48V0	APPACK18	C	07-588	E003	P	-48VAPRI	B29/E2	
-48V0	APPACK19	C	07-613	A001	P	-48VBSEC_ECM	B30/E2	
-48V0	APPACK19	C	07-613	A002	P	-48VBSEC	B30/E2	
-48V0	APPACK19	C	07-613	A003	P	-48VBSEC	B30/E2	
-48V0	PWRLUG2		11-027-131	1	IXO	1	B31/D3	
-48V0	PWRLUG2		11-027-131	2	IXO	2	B31/D3	
-48V0	PWRLUG2		11-027-131	3	IXO	3	B31/D3	
-48V0	PWRLUG2		11-027-131	4	IXO	4	B31/E3	
-48V0	PWRLUG2		11-027-131	5	IXO	5	B31/D4	
-48V0	PWRLUG2		11-027-131	6	IXO	6	B31/D4	
-48V0	PWRLUG2		11-027-131	7	IXO	7	B31/D4	
-48V0	PWRLUG2		11-027-131	8	IXO	8	B31/E4	
-48V1	COMDAC0	Q	07-083	A001	IXO	-48VBSEC_ECM	B5/C7	
-48V1	COMDAC0	Q	07-083	A002	IXO	-48VBSEC	B5/C7	
-48V1	COMDAC0	Q	07-083	A003	IXO	-48VBSEC	B5/C7	
-48V1	COMDAC1	A	07-108	A158	P	-48VF	B6/B4	
-48V1	COMDAC1	A	07-108	A159	P	-48VA	B6/B4	
-48V1	COMDAC1	A	07-108	B158	P	-48VG	B6/B4	
-48V1	COMDAC1	A	07-108	B159	P	-48VB	B6/B4	
-48V1	COMDAC1	A	07-108	C158	P	-48VHECM	B6/B4	
-48V1	COMDAC1	A	07-108	C159	P	-48VCECM	B6/B4	
-48V1	COMDAC1	A	07-108	D158	P	-48V1	B6/B4	
-48V1	COMDAC1	A	07-108	D159	P	-48V0	B6/B4	
-48V1	COMDAC1	Q	07-108	E001	IXO	-48VAPRI_ECM	B10/C7	
-48V1	COMDAC1	Q	07-108	E002	IXO	-48VAPRI	B10/C7	
-48V1	COMDAC1	Q	07-108	E003	IXO	-48VAPRI	B10/C7	
-48V1	COMDAC1	A	07-108	E158	P	-48VJ	B6/C4	
-48V1	COMDAC1	A	07-108	E159	P	-48VE	B6/B4	
-48V1	APPACK0	C	07-133	A158	P	-48VPRI_ECM	B11/E2	
-48V1	APPACK0	C	07-133	A159	P	-48VPRI_ECM	B11/E2	
-48V1	APPACK0	C	07-133	B158	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	B159	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	C158	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	C159	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	D158	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	D159	P	-48VPRI	B11/E2	
-48V1	APPACK0	C	07-133	E001	P	-48VAPRI_ECM	B11/E2	
-48V1	APPACK0	C	07-133	E002	P	-48VAPRI	B11/E2	
-48V1	APPACK0	C	07-133	E003	P	-48VAPRI	B11/E2	
-48V1	APPACK1	C	07-158	A001	P	-48VBSEC_ECM	B12/E2	
-48V1	APPACK1	C	07-158	A002	P	-48VBSEC	B12/E2	
-48V1	APPACK1	C	07-158	A003	P	-48VBSEC	B12/E2	
-48V1	APPACK2	C	07-183	A001	P	-48VBSEC_ECM	B13/E2	
-48V1	APPACK2	C	07-183	A002	P	-48VBSEC	B13/E2	
-48V1	APPACK2	C	07-183	A003	P	-48VBSEC	B13/E2	
-48V1	APPACK3	C	07-208	A158	P	-48VPRI_ECM	B14/E3	
-48V1	APPACK3	C	07-208	A159	P	-48VPRI_ECM	B14/E3	
-48V1	APPACK3	C	07-208	B158	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	B159	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	C158	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	C159	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	D158	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	D159	P	-48VPRI	B14/E3	
-48V1	APPACK3	C	07-208	E001	P	-48VAPRI_ECM	B14/E3	

LEAD INDEX								
NET	REF	ELI	EQL	PJN_NO	FN	TRMOD	LOC	XT
-48V1	APPACK3	C	07-208	E002	P	-48VAPRI	B14/E3	
-48V1	APPACK3	C	07-208	E003	P	-48VAPRI	B14/E3	
-48V1	APPACK4	C	07-233	A158	P	-48VPRI_ECM	B15/E3	
-48V1	APPACK4	C	07-233	A159	P	-48VPRI_ECM	B15/E3	
-48V1	APPACK4	C	07-233	B158	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	B159	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	C158	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	C159	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	D158	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	D159	P	-48VPRI	B15/E3	
-48V1	APPACK4	C	07-233	E001	P	-48VAPRI_ECM	B15/E3	
-48V1	APPACK4	C	07-233	E002	P	-48VAPRI	B15/E3	
-48V1	APPACK4	C	07-233	E003	P	-48VAPRI	B15/E3	
-48V1	APPACK5	C	07-258	A001	P	-48VBSEC_ECM	B16/E3	
-48V1	APPACK5	C	07-258	A002	P	-48VBSEC	B16/E3	
-48V1	APPACK5	C	07-258	A003	P	-48VBSEC	B16/E3	
-48V1	APPACK6	C	07-283	A001	P	-48VBSEC_ECM	B17/E3	
-48V1	APPACK6	C	07-283	A002	P	-48VBSEC	B17/E3	
-48V1	APPACK6	C	07-283	A003	P	-48VBSEC	B17/E3	
-48V1	APPACK7	C	07-308	A158	P	-48VPRI_ECM	B18/E2	
-48V1	APPACK7	C	07-308	A159	P	-48VPRI_ECM	B18/E2	
-48V1	APPACK7	C	07-308	B158	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	B159	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	C158	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	C159	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	D158	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	D159	P	-48VPRI	B18/E2	
-48V1	APPACK7	C	07-308	E001	P	-48VAPRI_ECM	B18/E2	
-48V1	APPACK7	C	07-308	E002	P	-48VAPRI	B18/E2	
-48V1	APPACK7	C	07-308	E003	P	-48VAPRI	B18/E2	
-48V1	APPACK8	C	07-338	A158	P	-48VPRI_ECM	B19/E2	
-48V1	APPACK8	C	07-338	A159	P	-48VPRI_ECM	B19/E2	
-48V1	APPACK8	C	07-338	B158	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	B159	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	C158	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	C159	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	D158	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	D159	P	-48VPRI	B19/E2	
-48V1	APPACK8	C	07-338	E001	P	-48VAPRI_ECM	B19/E2	
-48V1	APPACK8	C	07-338	E002	P	-48VAPRI	B19/E2	
-48V1	APPACK8	C	07-338	E003	P	-48VAPRI	B19/E2	
-48V1	APPACK9	C	07-363	A001	P	-48VBSEC_ECM	B20/E2	
-48V1	APPACK9	C	07-363	A002	P	-48VBSEC	B20/E2	
-48V1	APPACK9	C	07-363	A003	P	-48VBSEC	B20/E2	
-48V1	APPACK10	C	07-388	A001	P	-48VBSEC_ECM	B21/E3	
-48V1	APPACK10	C	07-388	A002	P	-48VBSEC	B21/E3	
-48V1	APPACK10	C	07-388	A003	P	-48VBSEC	B21/E3	
-48V1	APPACK11	C	07-413	A158	P	-48VPRI_ECM	B22/E2	
-48V1	APPACK11	C	07-413	A159	P	-48VPRI_ECM	B22/E2	
-48V1	APPACK11	C	07-413	B158	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	B159	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	C158	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	C159	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	D158	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	D159	P	-48VPRI	B22/E2	
-48V1	APPACK11	C	07-413	E001	P	-48VAPRI_ECM	B22/E2	
-48V1	APPACK11	C	07-413	E002	P	-48VAPRI	B22/E2	
-48V1	APPACK11	C	07-413	E003	P	-48VAPRI	B22/E2	
-48V1	APPACK12	C	07-4					

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
QAPCD18	COMDAC0	F	07-083	A107	IXO	APDU18	B2/F8	
QAPCD18	APPACK18	B	07-588	B137	IXO	QAPCD	B29/C6	
QAPCD19	COMDAC0	F	07-083	A105	IXO	APDU19	B2/G8	
QAPCD19	APPACK19	B	07-613	B137	IXO	QAPCD	B30/C6	
QAPCU00	COMDAC0	B	07-083	B143	IXO	APDU00	B1/B7	
QAPCU00	APPACK0	B	07-133	D138	IXO	QAPCU	B11/C8	
QAPCU01	COMDAC0	B	07-083	B141	IXO	APDU01	B1/B7	
QAPCU01	APPACK1	B	07-158	D138	IXO	QAPCU	B12/B7	
QAPCU02	COMDAC0	B	07-083	B139	IXO	APDU02	B1/B7	
QAPCU02	APPACK2	B	07-183	D138	IXO	QAPCU	B13/C8	
QAPCU03	COMDAC0	B	07-083	B137	IXO	APDU03	B1/B7	
QAPCU03	APPACK3	B	07-208	D138	IXO	QAPCU	B14/C7	
QAPCU04	COMDAC0	C	07-083	B135	IXO	APDU04	B2/A2	
QAPCU04	APPACK4	B	07-233	D138	IXO	QAPCU	B15/C7	
QAPCU05	COMDAC0	C	07-083	B133	IXO	APDU05	B2/B2	
QAPCU05	APPACK5	B	07-258	D138	IXO	QAPCU	B16/C8	
QAPCU06	COMDAC0	C	07-083	B131	IXO	APDU06	B2/B2	
QAPCU06	APPACK6	B	07-283	D138	IXO	QAPCU	B17/C7	
QAPCU07	COMDAC0	C	07-083	B129	IXO	APDU07	B2/B2	
QAPCU07	APPACK7	B	07-308	D138	IXO	QAPCU	B18/B7	
QAPCU08	COMDAC0	D	07-083	B127	IXO	APDU08	B2/A6	
QAPCU08	APPACK8	B	07-338	D138	IXO	QAPCU	B19/B7	
QAPCU09	COMDAC0	D	07-083	B125	IXO	APDU09	B2/B6	
QAPCU09	APPACK9	B	07-363	D138	IXO	QAPCU	B20/C7	
QAPCU10	COMDAC0	D	07-083	B123	IXO	APDU10	B2/B6	
QAPCU10	APPACK10	B	07-388	D138	IXO	QAPCU	B21/B7	
QAPCU11	COMDAC0	D	07-083	B121	IXO	APDU11	B2/B6	
QAPCU11	APPACK11	B	07-413	D138	IXO	QAPCU	B22/B7	
QAPCU12	COMDAC0	E	07-083	B119	IXO	APDU12	B2/E3	
QAPCU12	APPACK12	B	07-438	D138	IXO	QAPCU	B23/B7	
QAPCU13	COMDAC0	E	07-083	B117	IXO	APDU13	B2/E3	
QAPCU13	APPACK13	B	07-463	D138	IXO	QAPCU	B24/B8	
QAPCU14	COMDAC0	E	07-083	B115	IXO	APDU14	B2/E3	
QAPCU14	APPACK14	B	07-488	D138	IXO	QAPCU	B25/B8	
QAPCU15	COMDAC0	E	07-083	B113	IXO	APDU15	B2/E3	
QAPCU15	APPACK15	B	07-513	D138	IXO	QAPCU	B26/B8	
QAPCU16	COMDAC0	F	07-083	B111	IXO	APDU16	B2/E7	
QAPCU16	APPACK16	B	07-538	D138	IXO	QAPCU	B27/C8	
QAPCU17	COMDAC0	F	07-083	B109	IXO	APDU17	B2/E7	
QAPCU17	APPACK17	B	07-563	D138	IXO	QAPCU	B28/C7	
QAPCU18	COMDAC0	F	07-083	B107	IXO	APDU18	B2/E7	
QAPCU18	APPACK18	B	07-588	D138	IXO	QAPCU	B29/C8	
QAPCU19	COMDAC0	F	07-083	B105	IXO	APDU19	B2/E7	
QAPCU19	APPACK19	B	07-613	D138	IXO	QAPCU	B30/C8	
QAPRST00	COMDAC0	B	07-083	D143	IXO	APRST00	B1/B8	
QAPRST00	APPACK0	B	07-133	B138	IXO	QAPRST00	B11/C6	
QAPRST01	COMDAC0	B	07-083	D141	IXO	APRST01	B1/C8	
QAPRST01	APPACK1	B	07-158	B138	IXO	QAPRST01	B12/C6	
QAPRST02	COMDAC0	B	07-083	D139	IXO	APRST02	B1/C8	
QAPRST02	APPACK2	B	07-183	B138	IXO	QAPRST02	B13/C6	
QAPRST03	COMDAC0	B	07-083	D137	IXO	APRST03	B1/D8	
QAPRST03	APPACK3	B	07-208	B138	IXO	QAPRST03	B14/C6	
QAPRST04	COMDAC0	C	07-083	D135	IXO	APRST04	B2/B4	
QAPRST04	APPACK4	B	07-233	B138	IXO	QAPRST04	B15/C6	
QAPRST05	COMDAC0	C	07-083	D133	IXO	APRST05	B2/B4	
QAPRST05	APPACK5	B	07-258	B138	IXO	QAPRST05	B16/C6	
QAPRST06	COMDAC0	C	07-083	D131	IXO	APRST06	B2/C4	
QAPRST06	APPACK6	B	07-283	B138	IXO	QAPRST06	B17/C6	
QAPRST07	COMDAC0	C	07-083	D129	IXO	APRST07	B2/D4	
QAPRST07	APPACK7	B	07-308	B138	IXO	QAPRST07	B18/C6	
QAPRST08	COMDAC0	D	07-083	D127	IXO	APRST08	B2/B8	
QAPRST08	APPACK8	B	07-338	B138	IXO	QAPRST08	B19/C6	
QAPRST09	COMDAC0	D	07-083	D125	IXO	APRST09	B2/B8	
QAPRST09	APPACK9	B	07-363	B138	IXO	QAPRST09	B20/C6	
QAPRST10	COMDAC0	D	07-083	D123	IXO	APRST10	B2/C8	
QAPRST10	APPACK10	B	07-388	B138	IXO	QAPRST10	B21/C6	
QAPRST11	COMDAC0	D	07-083	D121	IXO	APRST11	B2/C8	
QAPRST11	APPACK11	B	07-413	B138	IXO	QAPRST11	B22/C6	
QAPRST12	COMDAC0	E	07-083	D119	IXO	APRST12	B2/E4	
QAPRST12	APPACK12	B	07-438	B138	IXO	QAPRST12	B23/C6	
QAPRST13	COMDAC0	E	07-083	D117	IXO	APRST13	B2/F4	
QAPRST13	APPACK13	B	07-463	B138	IXO	QAPRST13	B24/C6	
QAPRST14	COMDAC0	E	07-083	D115	IXO	APRST14	B2/F4	
QAPRST14	APPACK14	B	07-488	B138	IXO	QAPRST14	B25/C6	
QAPRST15	COMDAC0	E	07-083	D113	IXO	APRST15	B2/G4	
QAPRST15	APPACK15	B	07-513	B138	IXO	QAPRST15	B26/C6	
QAPRST16	COMDAC0	F	07-083	D111	IXO	APRST16	B2/E8	
QAPRST16	APPACK16	B	07-538	B138	IXO	QAPRST16	B27/C6	
QAPRST17	COMDAC0	F	07-083	D109	IXO	APRST17	B2/F8	
QAPRST17	APPACK17	B	07-563	B138	IXO	QAPRST17	B28/C6	
QAPRST18	COMDAC0	F	07-083	D107	IXO	APRST18	B2/F8	
QAPRST18	APPACK18	B	07-588	B138	IXO	QAPRST18	B29/C6	
QAPRST19	COMDAC0	F	07-083	D105	IXO	APRST19	B2/G8	
QAPRST19	APPACK19	B	07-613	B138	IXO	QAPRST19	B30/C6	
QAPSID00	COMDAC0	B	07-083	E143	IXO	APSIDE00	B1/B8	
QAPSID00	APPACK0	B	07-133	C138	IXO	QAPSIDE	B11/C6	
QAPSID01	COMDAC0	B	07-083	E141	IXO	APSIDE01	B1/C8	
QAPSID01	APPACK1	B	07-158	C138	IXO	QAPSIDE	B12/C6	
QAPSID02	COMDAC0	B	07-083	E139	IXO	APSIDE02	B1/C8	
QAPSID02	APPACK2	B	07-183	C138	IXO	QAPSIDE	B13/C6	
QAPSID03	COMDAC0	B	07-083	E137	IXO	APSIDE03	B1/D8	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
QAPSID03	APPACK3	B	07-208	C138	IXO	QAPSIDE	B14/C6	
QAPSID04	COMDAC0	C	07-083	E135	IXO	APSIDE04	B2/B4	
QAPSID04	APPACK4	B	07-233	C138	IXO	QAPSIDE	B15/C6	
QAPSID05	COMDAC0	C	07-083	E133	IXO	APSIDE05	B2/B4	
QAPSID05	APPACK5	B	07-258	C138	IXO	QAPSIDE	B16/C6	
QAPSID06	COMDAC0	C	07-083	E131	IXO	APSIDE06	B2/C4	
QAPSID06	APPACK6	B	07-283	C138	IXO	QAPSIDE	B17/C6	
QAPSID07	COMDAC0	C	07-083	E129	IXO	APSIDE07	B2/D4	
QAPSID07	APPACK7	B	07-308	C138	IXO	QAPSIDE	B18/C6	
QAPSID08	COMDAC0	D	07-083	E127	IXO	APSIDE08	B2/B8	
QAPSID08	APPACK8	B	07-338	C138	IXO	QAPSIDE	B19/C6	
QAPSID09	COMDAC0	D	07-083	E125	IXO	APSIDE09	B2/B8	
QAPSID09	APPACK9	B	07-363	C138	IXO	QAPSIDE	B20/C6	
QAPSID10	COMDAC0	D	07-083	E123	IXO	APSIDE10	B2/C8	
QAPSID10	APPACK10	B	07-388	C138	IXO	QAPSIDE	B21/C6	
QAPSID11	COMDAC0	D	07-083	E121	IXO	APSIDE11	B2/D8	
QAPSID11	APPACK11	B	07-413	C138	IXO	QAPSIDE	B22/C6	
QAPSID12	COMDAC0	E	07-083	E119	IXO	APSIDE12	B2/E4	
QAPSID12	APPACK12	B	07-438	C138	IXO	QAPSIDE	B23/C6	
QAPSID13	COMDAC0	E	07-083	E117	IXO	APSIDE13	B2/F4	
QAPSID13	APPACK13	B	07-463	C138	IXO	QAPSIDE	B24/C6	
QAPSID14	COMDAC0	E	07-083	E115	IXO	APSIDE14	B2/F4	
QAPSID14	APPACK14	B	07-488	C138	IXO	QAPSIDE	B25/C6	
QAPSID15	COMDAC0	E	07-083	E113	IXO	APSIDE15	B2/G4	
QAPSID15	APPACK15	B	07-513	C138	IXO	QAPSIDE	B26/C6	
QAPSID16	COMDAC0	F	07-083	E111	IXO	APSIDE16	B2/E8	
QAPSID16	APPACK16	B	07-538	C138	IXO	QAPSIDE	B27/C6	
QAPSID17	COMDAC0	F	07-083	E109	IXO	APSIDE17	B2/F8	
QAPSID17	APPACK17	B	07-563	C138	IXO	QAPSIDE	B28/C6	
QAPSID18	COMDAC0	F	07-083	E107	IXO	APSIDE18	B2/F8	
QAPSID18	APPACK18	B	07-588	C138	IXO	QAPSIDE	B29/C6	
QAPSID19	COMDAC0	F	07-083	E105	IXO	APSIDE19	B2/G8	
QAPSID19	APPACK19	B	07-613	C138	IXO	QAPSIDE	B30/C6	
QDIST0N	02_035		02-035-012	012	IXO	PIN	B3/E4	
QDIST0P	02_031		02-031-012	012	IXO	PIN	B3/E4	
QDIST1P	02_035		02-035-007	007	IXO	PIN	B5/H4	
QDIST1P	02_031		02-031-007	007	IXO	PIN	B5/G4	
QPAK1N	06_038		06-038-034	034	IXO	PIN	B3/E7	
QPAK1N	COMDAC0	M	07-083	E052	IXO	PACLK1N	B3/E6	
QPAK1K0N	06_044		06-044-034	034	IXO	PIN	B3/E3	
QPAK1K0N	COMDAC0	M	07-083	B052	IXO	PACLK0N	B3/E4	
QPAK1K0P	06_047		06-047-034	034	IXO	PIN	B3/E3	
QPAK1K0P	COMDAC0	M	07-083	A052	IXO	PACLK0P	B3/E4	
QPAK1P	06_041		06-041-034	034	IXO	PIN	B3/E6	
QPAK1P	COMDAC0	M	07-083	D052	IXO	PACLK1P	B3/E6	
QPAD00N	06_044		06-044-031	031	IXO	PIN	B3/F3	
QPAD00N	COMDAC0	M	07-083	B049	IXO	PADD0N	B3/F4	
QPAD00P	06_047		06-047-031	031	IXO	PIN	B3/F4	
QPAD00P	COMDAC0	M	07-083	A049	IXO	PADD0P	B3/F4	
QPAD11N	06_038		06-038-031	031	IXO	PIN	B3/F7	
QPAD11N	COMDAC0	M	07-083	E049	IXO	PADD1N	B3/F6	
QPAD11P	06_041		06-041-031	031	IXO	PIN	B3/F7	
QPAD11P	COMDAC0	M	07-083	D049	IXO	PADD1P	B3/F6	
QPADU0N	06_044		06-044-032	032	IXO	PIN	B3/F3	
QPADU0N	COMDAC0	M	07-083	B050	IXO	PADU0N	B3/F4	
QPADU0P	06_047		06-047-032	032	IXO	PIN	B3/F3	
QPADU0P	COMDAC0	M	07-083	A050	IXO	PADU0P	B3/E4	
QPADU1N	06_038		06-038-032	032	IXO	PIN	B3/F7	
QPADU1N	COMDAC0	M	07-083	E050	IXO	PADU1N	B3/F6	
QPADU1P	06_041		06-041-032	032	IXO	PIN	B3/F7	
QPADU1P	COMDAC0	M	07-083	D050	IXO	PADU1P	B3/F6	
QPASYN0N	06_044		06-044-033	033	IXO	PIN	B3/E3	
QPASYN0N	COMDAC0	M	07-083	B051	IXO	PASYN0N	B3/E4	
QPASYN0P	06_047		06-047-033	033	IXO	PIN	B3/E3	
QPASYN0P	COMDAC0	M	07-083	A051	IXO	PASYN0P	B3/E4	
QPASYN1N	06_038		06-038-033	033	IXO	PIN	B3/F7	
QPASYN1N	COMDAC0	M	07-083	E051	IXO	PASYN1N	B3/F6	

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
OPCM4M06	APPACK6	B	07-283	C135	IXO	OPCM4M	B17/C6	
OPCM4M07	COMDAC0	C	07-083	D130	IXO	OPCM4M07	B2/C4	
OPCM4M07	APPACK7	B	07-308	C135	IXO	OPCM4M	B18/B6	
OPCM4M08	COMDAC0	D	07-083	D128	IXO	OPCM4M08	B2/A8	
OPCM4M08	APPACK8	B	07-338	C135	IXO	OPCM4M	B19/B6	
OPCM4M09	COMDAC0	D	07-083	D126	IXO	OPCM4M09	B2/B8	
OPCM4M09	APPACK9	B	07-363	C135	IXO	OPCM4M	B20/C6	
OPCM4M10	COMDAC0	D	07-083	D124	IXO	OPCM4M10	B2/C8	
OPCM4M10	APPACK10	B	07-388	C135	IXO	OPCM4M	B21/B6	
OPCM4M11	COMDAC0	D	07-083	D122	IXO	OPCM4M11	B2/C8	
OPCM4M11	APPACK11	B	07-413	C135	IXO	OPCM4M	B22/B6	
OPCM4M12	COMDAC0	E	07-083	D120	IXO	OPCM4M12	B2/E4	
OPCM4M12	APPACK12	B	07-438	C135	IXO	OPCM4M	B23/B6	
OPCM4M13	COMDAC0	E	07-083	D118	IXO	OPCM4M13	B2/E4	
OPCM4M13	APPACK13	B	07-463	C135	IXO	OPCM4M	B24/B6	
OPCM4M14	COMDAC0	E	07-083	D116	IXO	OPCM4M14	B2/F4	
OPCM4M14	APPACK14	B	07-488	C135	IXO	OPCM4M	B25/B6	
OPCM4M15	COMDAC0	E	07-083	D114	IXO	OPCM4M15	B2/G4	
OPCM4M15	APPACK15	B	07-513	C135	IXO	OPCM4M	B26/B6	
OPCM4M16	COMDAC0	F	07-083	D112	IXO	OPCM4M16	B2/E8	
OPCM4M16	APPACK16	B	07-538	C135	IXO	OPCM4M	B27/C6	
OPCM4M17	COMDAC0	F	07-083	D110	IXO	OPCM4M17	B2/E8	
OPCM4M17	APPACK17	B	07-563	C135	IXO	OPCM4M	B28/C6	
OPCM4M18	COMDAC0	F	07-083	D108	IXO	OPCM4M18	B2/F8	
OPCM4M18	APPACK18	B	07-588	C135	IXO	OPCM4M	B29/C6	
OPCM4M19	COMDAC0	F	07-083	D106	IXO	OPCM4M19	B2/G8	
OPCM4M19	APPACK19	B	07-613	C135	IXO	OPCM4M	B30/C6	
OPCMD000	COMDAC0	B	07-083	A144	IXO	OPCMD000	B1/B8	
OPCMD000	APPACK0	B	07-133	B135	IXO	OPCMD000	B11/B6	
OPCMD001	COMDAC0	B	07-083	A142	IXO	OPCMD001	B1/B8	
OPCMD001	APPACK1	B	07-158	B135	IXO	OPCMD001	B12/B6	
OPCMD002	COMDAC0	B	07-083	A140	IXO	OPCMD002	B1/C8	
OPCMD002	APPACK2	B	07-183	B135	IXO	OPCMD002	B13/B6	
OPCMD003	COMDAC0	B	07-083	A138	IXO	OPCMD003	B1/C8	
OPCMD003	APPACK3	B	07-208	B135	IXO	OPCMD003	B14/B6	
OPCMD004	COMDAC0	C	07-083	A136	IXO	OPCMD004	B2/A4	
OPCMD004	APPACK4	B	07-233	B135	IXO	OPCMD004	B15/B6	
OPCMD005	COMDAC0	C	07-083	A134	IXO	OPCMD005	B2/B4	
OPCMD005	APPACK5	B	07-258	B135	IXO	OPCMD005	B16/B6	
OPCMD006	COMDAC0	C	07-083	A132	IXO	OPCMD006	B2/C4	
OPCMD006	APPACK6	B	07-283	B135	IXO	OPCMD006	B17/B6	
OPCMD007	COMDAC0	C	07-083	A130	IXO	OPCMD007	B2/C4	
OPCMD007	APPACK7	B	07-308	B135	IXO	OPCMD007	B18/B6	
OPCMD008	COMDAC0	D	07-083	A128	IXO	OPCMD008	B2/A8	
OPCMD008	APPACK8	B	07-338	B135	IXO	OPCMD008	B19/B6	
OPCMD009	COMDAC0	D	07-083	A126	IXO	OPCMD009	B2/B8	
OPCMD009	APPACK9	B	07-363	B135	IXO	OPCMD009	B20/B6	
OPCMD010	COMDAC0	D	07-083	A124	IXO	OPCMD010	B2/B8	
OPCMD010	APPACK10	B	07-388	B135	IXO	OPCMD010	B21/B6	
OPCMD011	COMDAC0	D	07-083	A122	IXO	OPCMD011	B2/C8	
OPCMD011	APPACK11	B	07-413	B135	IXO	OPCMD011	B22/B6	
OPCMD012	COMDAC0	E	07-083	A120	IXO	OPCMD012	B2/E4	
OPCMD012	APPACK12	B	07-438	B135	IXO	OPCMD012	B23/B6	
OPCMD013	COMDAC0	E	07-083	A118	IXO	OPCMD013	B2/E4	
OPCMD013	APPACK13	B	07-463	B135	IXO	OPCMD013	B24/B6	
OPCMD014	COMDAC0	E	07-083	A116	IXO	OPCMD014	B2/F4	
OPCMD014	APPACK14	B	07-488	B135	IXO	OPCMD014	B25/B6	
OPCMD015	COMDAC0	E	07-083	A114	IXO	OPCMD015	B2/F4	
OPCMD015	APPACK15	B	07-513	B135	IXO	OPCMD015	B26/B6	
OPCMD016	COMDAC0	F	07-083	A112	IXO	OPCMD016	B2/E8	
OPCMD016	APPACK16	B	07-538	B135	IXO	OPCMD016	B27/B6	
OPCMD017	COMDAC0	F	07-083	A110	IXO	OPCMD017	B2/E8	
OPCMD017	APPACK17	B	07-563	B135	IXO	OPCMD017	B28/C6	
OPCMD018	COMDAC0	F	07-083	A108	IXO	OPCMD018	B2/F8	
OPCMD018	APPACK18	B	07-588	B135	IXO	OPCMD018	B29/B6	
OPCMD019	COMDAC0	F	07-083	A106	IXO	OPCMD019	B2/G8	
OPCMD019	APPACK19	B	07-613	B135	IXO	OPCMD019	B30/B6	
OPCMU000	COMDAC0	B	07-083	B144	IXO	OPCMU000	B1/B7	
OPCMU000	APPACK0	B	07-133	B134	IXO	OPCMU000	B11/B8	
OPCMU001	COMDAC0	B	07-083	B142	IXO	OPCMU001	B1/B7	
OPCMU001	APPACK1	B	07-158	B134	IXO	OPCMU001	B12/B7	
OPCMU002	COMDAC0	B	07-083	B140	IXO	OPCMU002	B1/B7	
OPCMU002	APPACK2	B	07-183	B134	IXO	OPCMU002	B13/B8	
OPCMU003	COMDAC0	B	07-083	B138	IXO	OPCMU003	B1/B7	
OPCMU003	APPACK3	B	07-208	B134	IXO	OPCMU003	B14/B7	
OPCMU004	COMDAC0	C	07-083	B136	IXO	OPCMU004	B2/A2	
OPCMU004	APPACK4	B	07-233	B134	IXO	OPCMU004	B15/B7	
OPCMU005	COMDAC0	C	07-083	B134	IXO	OPCMU005	B2/B2	
OPCMU005	APPACK5	B	07-258	B134	IXO	OPCMU005	B16/B8	
OPCMU006	COMDAC0	C	07-083	B132	IXO	OPCMU006	B2/B2	
OPCMU006	APPACK6	B	07-283	B134	IXO	OPCMU006	B17/B7	
OPCMU007	COMDAC0	C	07-083	B130	IXO	OPCMU007	B2/B2	
OPCMU007	APPACK7	B	07-308	B134	IXO	OPCMU007	B18/B7	
OPCMU008	COMDAC0	D	07-083	B128	IXO	OPCMU008	B2/A6	
OPCMU008	APPACK8	B	07-338	B134	IXO	OPCMU008	B19/B7	
OPCMU009	COMDAC0	D	07-083	B126	IXO	OPCMU009	B2/A6	
OPCMU009	APPACK9	B	07-363	B134	IXO	OPCMU009	B20/B7	
OPCMU010	COMDAC0	D	07-083	B124	IXO	OPCMU010	B2/B6	
OPCMU010	APPACK10	B	07-388	B134	IXO	OPCMU010	B21/B7	
OPCMU011	COMDAC0	D	07-083	B122	IXO	OPCMU011	B2/B6	
OPCMU011	APPACK11	B	07-413	B134	IXO	OPCMU011	B22/B7	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
OPCMU012	COMDAC0	E	07-083	B120	IXO	OPCMU012	B2/E3	
OPCMU012	APPACK12	B	07-438	B134	IXO	OPCMU012	B23/B7	
OPCMU013	COMDAC0	E	07-083	B118	IXO	OPCMU013	B2/E3	
OPCMU013	APPACK13	B	07-463	B134	IXO	OPCMU013	B24/B8	
OPCMU014	COMDAC0	E	07-083	B116	IXO	OPCMU014	B2/E3	
OPCMU014	APPACK14	B	07-488	B134	IXO	OPCMU014	B25/B8	
OPCMU015	COMDAC0	E	07-083	B114	IXO	OPCMU015	B2/E3	
OPCMU015	APPACK15	B	07-513	B134	IXO	OPCMU015	B26/B8	
OPCMU016	COMDAC0	F	07-083	B112	IXO	OPCMU016	B2/E7	
OPCMU016	APPACK16	B	07-538	B134	IXO	OPCMU016	B27/B8	
OPCMU017	COMDAC0	F	07-083	B110	IXO	OPCMU017	B2/E7	
OPCMU017	APPACK17	B	07-563	B134	IXO	OPCMU017	B28/C7	
OPCMU018	COMDAC0	F	07-083	B108	IXO	OPCMU018	B2/E7	
OPCMU018	APPACK18	B	07-588	B134	IXO	OPCMU018	B29/B8	
OPCMU019	COMDAC0	F	07-083	B106	IXO	OPCMU019	B2/E7	
OPCMU019	APPACK19	B	07-613	B134	IXO	OPCMU019	B30/B8	
OPCMSY000	COMDAC0	B	07-083	E144	IXO	OPCMSY000	B1/B8	
OPCMSY000	APPACK0	B	07-133	D135	IXO	OPCMSYN	B11/C6	
OPCMSY001	COMDAC0	B	07-083	E142	IXO	OPCMSY001	B1/B8	
OPCMSY001	APPACK1	B	07-158	D135	IXO	OPCMSYN	B12/B6	
OPCMSY002	COMDAC0	B	07-083	E140	IXO	OPCMSY002	B1/C8	
OPCMSY002	APPACK2	B	07-183	D135	IXO	OPCMSYN	B13/C6	
OPCMSY003	COMDAC0	B	07-083	E138	IXO	OPCMSY003	B1/D8	
OPCMSY003	APPACK3	B	07-208	D135	IXO	OPCMSYN	B14/C6	
OPCMSY004	COMDAC0	C	07-083	E136	IXO	OPCMSY004	B2/B4	
OPCMSY004	APPACK4	B	07-233	D135	IXO	OPCMSYN	B15/C6	
OPCMSY005	COMDAC0	C	07-083	E134	IXO	OPCMSY005	B2/B4	
OPCMSY005	APPACK5	B	07-258	D135	IXO	OPCMSYN	B16/C6	
OPCMSY006	COMDAC0	C	07-083	E132	IXO	OPCMSY006	B2/C4	
OPCMSY006	APPACK6	B	07-283	D135	IXO	OPCMSYN	B17/C6	
OPCMSY007	COMDAC0	C	07-083	E130	IXO	OPCMSY007	B2/C4	
OPCMSY007	APPACK7	B	07-308	D135	IXO	OPCMSYN	B18/C6	
OPCMSY008	COMDAC0	D	07-083	E128	IXO	OPCMSY008	B2/A8	
OPCMSY008	APPACK8	B	07-338	D135	IXO	OPCMSYN	B19/C6	
OPCMSY009	COMDAC0	D	07-083	E126	IXO	OPCMSY009	B2/B8	
OPCMSY009	APPACK9	B	07-363	D135	IXO	OPCMSYN	B20/C6	
OPCMSY010	COMDAC0	D	07-083	E124	IXO	OPCMSY010	B2/C8	
OPCMSY010	APPACK10	B	07-388	D135	IXO	OPCMSYN	B21/B6	
OPCMSY011	COMDAC0	D	07-083	E122	IXO	OPCMSY011	B2/C8	
OPCMSY011	APPACK11	B	07-413	D135	IXO	OPCMSYN	B22/B6	
OPCMSY012	COMDAC0	E	07-083	E120	IXO	OPCMSY012	B2/E4	
OPCMSY012	APPACK12	B	07-438	D135	IXO	OPCMSYN	B23/B6	
OPCMSY013	COMDAC0	E	07-083	E118	IXO	OPCMSY013	B2/E4	
OPCMSY013	APPACK13	B	07-463	D135	IXO	OPCMSYN	B24/B6	
OPCMSY014	COMDAC0	E	07-083	E116	IXO	OPCMSY014	B2/F4	
OPCMSY014	APPACK14	B	07-488	D135	IXO	OPCMSYN	B25/B6	
OPCMSY015	COMDAC0	E	07-083	E114	IXO	OPCMSY015	B2/G4	
OPCMSY015	APPACK15	B	07-513	D135	IXO	OPCMSYN	B26/B6	
OPCMSY016	COMDAC0	F	07-083	E112	IXO	OPCMSY016	B2/E8	
OPCMSY016	APPACK16	B	07-538	D135	IXO	OPCMSYN	B27/C6	
OPCMSY017	COMDAC0	F	07-083	E110	IXO	OPCMSY017	B2/F8	
OPCMSY017	APPACK17	B	07-563	D135	IXO	OPCMSYN	B28/C6	
OPCMSY018	COMDAC0	F	07-083	E108	IXO	OPCMSY018	B2/F8	
OPCMSY018	APPACK18	B	07-588	D135	IXO	OPCMSYN	B29/C6	
OPCMSY019	COMDAC0	F	07-083	E106	IXO	OPCMSY019	B2/G8	
OPCMSY019	APPACK19	B	07-613	D135	IXO	OPCMSYN	B30/C6	
OPCSEL0N	02_028		02-025-003	003	IXO	PIN	B5/G4	
OPCSEL0N	COMDAC0	G	07-083	A045	IXO	PCSEL0N	B5/G4	
OPCSEL0P	02_025		02-025-003	003	IXO	PIN	B5/G4	
OPCSEL0P	COMDAC0	G	07-083	B045	IXO	PCSEL0P	B5/G4	
OPCSEL1N	02_028		02-028-009	009	IXO	PIN	B5/G6	
OPCSEL1N	COMDAC0	G	07-083	D045	IXO	PCSEL1N	B5/G6	
OPCSEL1P	02_025		02-028-009	009	IXO	PIN	B5/G6	
OPCSEL1P	COMDAC0	G	07-083	E045	IXO	PCSEL1P	B5/G6	
OPCSYN0N	06_044							

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
0SCAN1N	02_035		02-035-010	010	IXO	PIN	B3/F4	
0SCAN1P	02_031		02-031-010	010	IXO	PIN	B3/F4	
0SCAN2N	02_035		02-035-009	001	IXO	PIN	B3/F4	
0SCAN2P	02_031		02-031-009	001	IXO	PIN	B3/F4	
0SCAN3N	02_035		02-035-002	002	IXO	PIN	B3/F7	
0SCAN3P	02_031		02-031-002	002	IXO	PIN	B3/F7	
0SCAN4N	02_035		02-035-003	003	IXO	PIN	B3/E7	
0SCAN4P	02_031		02-031-003	003	IXO	PIN	B3/E7	
0SCAN5N	02_035		02-035-004	004	IXO	PIN	B3/D7	
0SCAN5P	02_031		02-031-004	004	IXO	PIN	B3/C7	
0SCAN6N	02_035		02-035-005	005	IXO	PIN	B3/C7	
0SCAN6P	02_031		02-031-005	005	IXO	PIN	B3/C7	
0SCAN7N	02_035		02-035-006	006	IXO	PIN	B3/F7	
0SCAN7P	02_031		02-031-006	006	IXO	PIN	B3/D7	
10EQUIP	COMDAC0	N	07-083	B087	IXO	EQUIP_IN	B5/C5	
10EQUIP	COMDAC1	N	07-108	B090	IXO	EQUIP_OUT	B10/A5	
10MATE	COMDAC0	N	07-083	D085	IXO	IFMENAN	B5/C5	
10MATE	COMDAC1	N	07-108	D088	IXO	MATENO	B10/B5	
10UACTIVE	COMDAC0	N	07-083	E085	IXO	IFMACTN	B5/C5	
10UACTIVE	COMDAC1	N	07-108	E088	IXO	ACTIVEO	B10/B5	
10UAL	COMDAC0	N	07-083	D087	IXO	IFMAL	B5/C5	
10UAL	COMDAC1	N	07-108	D090	IXO	ITMAL	B10/A5	
10UAWAKE	COMDAC0	N	07-083	E086	IXO	IFMWAKN	B5/C5	
10UAWAKE	COMDAC1	N	07-108	E089	IXO	ITMWAKN	B10/B5	
10UBB	COMDAC0	N	07-083	A086	IXO	IFMBB	B5/C5	
10UBB	COMDAC1	N	07-108	A089	IXO	ITMBB	B10/B5	
10UBG	COMDAC0	N	07-083	B086	IXO	IFMBG	B5/C5	
10UBG	COMDAC1	N	07-108	B089	IXO	ITMBG	B10/B5	
10UBR	COMDAC0	N	07-083	C086	IXO	IFMBR	B5/C5	
10UBR	COMDAC1	N	07-108	C089	IXO	ITMBR	B10/B5	
10UBTOG	COMDAC0	N	07-083	E087	IXO	IFMBTOG	B5/B5	
10UBTOG	COMDAC1	N	07-108	E090	IXO	ITMBTOG	B10/A5	
10UMINT	COMDAC0	N	07-083	C085	IXO	IFMINTN	B5/D5	
10UMINT	COMDAC1	N	07-108	C088	IXO	ITMINTN	B10/B5	
10UPDN	COMDAC0	N	07-083	D086	IXO	IFMUPDN	B5/C5	
10UPDN	COMDAC1	N	07-108	D089	IXO	ITMUPDN	B10/B5	
10UPWR	COMDAC0	N	07-083	D101	IXO	IFMPFN	B5/A5	
10UPWR	COMDAC1	N	07-108	E101	IXO	PWRDET	B10/A5	
10URUN	COMDAC0	N	07-083	B085	IXO	IFMRUNN	B5/D5	
10URUN	COMDAC1	N	07-108	B088	IXO	ITMRUNN	B10/B5	
10USTOP	COMDAC0	N	07-083	A085	IXO	IFMSTPN	B5/D5	
10USTOP	COMDAC1	N	07-108	A088	IXO	ITMSTPN	B10/B5	
1APCD00	COMDAC1	B	07-108	A143	IXO	APDD00	B6/B8	
1APCD00	APPACK0	B	07-133	C137	IXO	1APCD	B11/C6	
1APCD01	COMDAC1	B	07-108	A141	IXO	APDD01	B6/B8	
1APCD01	APPACK1	B	07-158	C137	IXO	1APCD	B12/C6	
1APCD02	COMDAC1	B	07-108	A139	IXO	APDD02	B6/C8	
1APCD02	APPACK2	B	07-183	C137	IXO	1APCD	B13/C6	
1APCD03	COMDAC1	B	07-108	A137	IXO	APDD03	B6/C8	
1APCD03	APPACK3	B	07-208	C137	IXO	1APCD	B14/C6	
1APCD04	COMDAC1	C	07-108	A135	IXO	APDD04	B7/B3	
1APCD04	APPACK4	B	07-233	C137	IXO	1APCD	B15/C6	
1APCD05	COMDAC1	C	07-108	A133	IXO	APDD05	B7/C3	
1APCD05	APPACK5	B	07-258	C137	IXO	1APCD	B16/C6	
1APCD06	COMDAC1	C	07-108	A131	IXO	APDD06	B7/C3	
1APCD06	APPACK6	B	07-283	C137	IXO	1APCD	B17/C6	
1APCD07	COMDAC1	C	07-108	A129	IXO	APDD07	B7/D3	
1APCD07	APPACK7	B	07-308	C137	IXO	1APCD	B18/C6	
1APCD08	COMDAC1	D	07-108	A127	IXO	APDD08	B7/B8	
1APCD08	APPACK8	B	07-338	C137	IXO	1APCD	B19/C6	
1APCD09	COMDAC1	D	07-108	A125	IXO	APDD09	B7/C8	
1APCD09	APPACK9	B	07-363	C137	IXO	1APCD	B20/C6	
1APCD10	COMDAC1	D	07-108	A123	IXO	APDD10	B7/C8	
1APCD10	APPACK10	B	07-388	C137	IXO	1APCD	B21/C6	
1APCD11	COMDAC1	D	07-108	A121	IXO	APDD11	B7/D8	
1APCD11	APPACK11	B	07-413	C137	IXO	1APCD	B22/C6	
1APCD12	COMDAC1	E	07-108	A119	IXO	APDD12	B7/E3	
1APCD12	APPACK12	B	07-438	C137	IXO	1APCD	B23/C6	
1APCD13	COMDAC1	E	07-108	A117	IXO	APDD13	B7/F3	
1APCD13	APPACK13	B	07-463	C137	IXO	1APCD	B24/C6	
1APCD14	COMDAC1	E	07-108	A115	IXO	APDD14	B7/G3	
1APCD14	APPACK14	B	07-488	C137	IXO	1APCD	B25/C6	
1APCD15	COMDAC1	E	07-108	A113	IXO	APDD15	B7/G3	
1APCD15	APPACK15	B	07-513	C137	IXO	1APCD	B26/C6	
1APCD16	COMDAC1	F	07-108	A111	IXO	APDD16	B7/E8	
1APCD16	APPACK16	B	07-538	C137	IXO	1APCD	B27/C6	
1APCD17	COMDAC1	F	07-108	A109	IXO	APDD17	B7/F8	
1APCD17	APPACK17	B	07-563	C137	IXO	1APCD	B28/C6	
1APCD18	COMDAC1	F	07-108	A107	IXO	APDD18	B7/G8	
1APCD18	APPACK18	B	07-588	C137	IXO	1APCD	B29/C6	
1APCD19	COMDAC1	F	07-108	A105	IXO	APDD19	B7/G8	
1APCD19	APPACK19	B	07-613	C137	IXO	1APCD	B30/C6	
1APCU00	COMDAC1	B	07-108	B143	IXO	APDU00	B6/A7	
1APCU00	APPACK0	B	07-133	D136	IXO	1APCU	B11/C8	
1APCU01	COMDAC1	B	07-108	B141	IXO	APDU01	B6/B7	
1APCU01	APPACK1	B	07-158	D136	IXO	1APCU	B12/C7	
1APCU02	COMDAC1	B	07-108	B139	IXO	APDU02	B6/B7	
1APCU02	APPACK2	B	07-183	D136	IXO	1APCU	B13/C8	
1APCU03	COMDAC1	B	07-108	B137	IXO	APDU03	B6/B7	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
1APCU03	APPACK3	B	07-208	D136	IXO	1APCU	B14/C7	
1APCU04	COMDAC1	C	07-108	B135	IXO	APDU04	B7/B2	
1APCU04	APPACK4	B	07-233	D136	IXO	1APCU	B15/C7	
1APCU05	COMDAC1	C	07-108	B133	IXO	APDU05	B7/B2	
1APCU05	APPACK5	B	07-258	D136	IXO	1APCU	B16/C8	
1APCU06	COMDAC1	C	07-108	B131	IXO	APDU06	B7/B2	
1APCU06	APPACK6	B	07-283	D136	IXO	1APCU	B17/C7	
1APCU07	COMDAC1	C	07-108	B129	IXO	APDU07	B7/C2	
1APCU07	APPACK7	B	07-308	D136	IXO	1APCU	B18/C7	
1APCU08	COMDAC1	D	07-108	B127	IXO	APDU08	B7/B6	
1APCU08	APPACK8	B	07-338	D136	IXO	1APCU	B19/C7	
1APCU09	COMDAC1	D	07-108	B125	IXO	APDU09	B7/B6	
1APCU09	APPACK9	B	07-363	D136	IXO	1APCU	B20/C7	
1APCU10	COMDAC1	D	07-108	B123	IXO	APDU10	B7/B6	
1APCU10	APPACK10	B	07-388	D136	IXO	1APCU	B21/B7	
1APCU11	COMDAC1	D	07-108	B121	IXO	APDU11	B7/B6	
1APCU11	APPACK11	B	07-413	D136	IXO	1APCU	B22/C7	
1APCU12	COMDAC1	E	07-108	B119	IXO	APDU12	B7/E2	
1APCU12	APPACK12	B	07-438	D136	IXO	1APCU	B23/B7	
1APCU13	COMDAC1	E	07-108	B117	IXO	APDU13	B7/E2	
1APCU13	APPACK13	B	07-463	D136	IXO	1APCU	B24/B8	
1APCU14	COMDAC1	E	07-108	B115	IXO	APDU14	B7/F2	
1APCU14	APPACK14	B	07-488	D136	IXO	1APCU	B25/C8	
1APCU15	COMDAC1	E	07-108	B113	IXO	APDU15	B7/F2	
1APCU15	APPACK15	B	07-513	D136	IXO	1APCU	B26/B8	
1APCU16	COMDAC1	F	07-108	B111	IXO	APDU16	B7/E6	
1APCU16	APPACK16	B	07-538	D136	IXO	1APCU	B27/C8	
1APCU17	COMDAC1	F	07-108	B109	IXO	APDU17	B7/E6	
1APCU17	APPACK17	B	07-563	D136	IXO	1APCU	B28/C7	
1APCU18	COMDAC1	F	07-108	B107	IXO	APDU18	B7/F6	
1APCU18	APPACK18	B	07-588	D136	IXO	1APCU	B29/C8	
1APCU19	COMDAC1	F	07-108	B105	IXO	APDU19	B7/F6	
1APCU19	APPACK19	B	07-613	D136	IXO	1APCU	B30/C8	
1APRST00	COMDAC1	B	07-108	D143	IXO	APRST00	B6/B8	
1APRST00	APPACK0	B	07-133	B136	IXO	1APRSET	B11/C6	
1APRST01	COMDAC1	B	07-108	D141	IXO	APRST01	B6/B8	
1APRST01	APPACK1	B	07-158	B136	IXO	1APRSET	B12/C6	
1APRST02	COMDAC1	B	07-108	D139	IXO	APRST02	B6/C8	
1APRST02	APPACK2	B	07-183	B136	IXO	1APRSET	B13/C6	
1APRST03	COMDAC1	B	07-108	D137	IXO	APRST03	B6/D8	
1APRST03	APPACK3	B	07-208	B136	IXO	1APRSET	B14/C6	
1APRST04	COMDAC1	C	07-108	D135	IXO	APRST04	B7/B3	
1APRST04	APPACK4	B	07-233	B136	IXO	1APRSET	B15/C6	
1APRST05	COMDAC1	C	07-108	D133	IXO	APRST05	B7/C3	
1APRST05	APPACK5	B	07-258	B136	IXO	1APRSET	B16/C6	
1APRST06	COMDAC1	C	07-108	D131	IXO	APRST06	B7/C3	
1APRST06	APPACK6	B	07-283	B136	IXO	1APRSET	B17/C6	
1APRST07	COMDAC1	C	07-108	D129	IXO	APRST07	B7/D3	
1APRST07	APPACK7	B	07-308	B136	IXO	1APRSET	B18/C6	
1APRST08	COMDAC1	D	07-108	D127	IXO	APRST08	B7/B8	
1APRST08	APPACK8	B	07-338	B136	IXO	1APRSET	B19/C6	
1APRST09	COMDAC1	D	07-108	D125	IXO	APRST09	B7/C8	
1APRST09	APPACK9	B	07-363	B136	IXO	1APRSET	B20/C6	
1APRST10	COMDAC1	D	07-108	D123	IXO	APRST10	B7/C8	
1APRST10	APPACK10	B	07-388	B136	IXO	1APRSET	B21/C6	
1APRST11	COMDAC1	D	07-108	D121	IXO	APRST11	B7/D8	
1APRST11	APPACK11	B	07-413	B136	IXO	1APRSET	B22/C6	
1APRST12	COMDAC1	E	07-108	D119	IXO	APRST12	B7/E3	
1APRST12	APPACK12	B	07-438	B136	IXO	1APRSET	B23/C6	
1APRST13	COMDAC1	E	07-108	D117	IXO	APRST13	B7/F3	
1APRST13	APPACK13	B	07-463	B136	IXO	1APRSET	B24/C6	
1APRST14	COMDAC1	E	07-108	D115	IXO	APRST14	B7/G3	
1APRST14	APPACK14	B	07-488	B136	IXO	1APRSET	B25/C6	
1APRST15	COMDAC1	E	07-108	D113	IXO	APRST15	B7/G3	
1APRST15	APPACK15	B	07-513	B136	IXO	1APRSET	B26/C6	
1APRST16	COMDAC1	F	07-108	D111	IXO	APRST16	B7/E8	
1APRST16	APPACK16	B	07-538	B136	IXO	1APRSET	B27/C6	
1APRST17	COMDAC1	F	07-108	D109	IXO	APRST17	B7/F8	
1APRST17	APPACK17	B	07-563	B136	IXO	1APRSET	B28/D6	
1APRST18	COMDAC1	F	07-108	D107	IXO	APRST18	B7/G8	
1APRST18	APPACK18	B						

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
1PBDD1N	COMDAC1	L	07-108	E053	IXO	PBDD1N	B8/D6	
1PBDD1P	06_028		06-028-035	035	IXO	PIN	B8/D7	
1PBDD1P	COMDAC1	L	07-108	D053	IXO	PBDD1P	B8/D6	
1PBDU0N	06_031		06-031-036	036	IXO	PIN	B8/D4	
1PBDU0N	COMDAC1	L	07-108	B054	IXO	PBDU0N	B8/D4	
1PBDU0P	06_035		06-035-036	036	IXO	PIN	B8/D4	
1PBDU0P	COMDAC1	L	07-108	A054	IXO	PBDU0P	B8/D4	
1PBDU1N	06_025		06-025-036	036	IXO	PIN	B8/D7	
1PBDU1N	COMDAC1	L	07-108	E054	IXO	PBDU1N	B8/D6	
1PBDU1P	06_028		06-028-036	036	IXO	PIN	B8/D7	
1PBDU1P	COMDAC1	L	07-108	D054	IXO	PBDU1P	B8/D6	
1PBSYN0N	06_031		06-031-037	037	IXO	PIN	B8/D4	
1PBSYN0N	COMDAC1	L	07-108	B055	IXO	PBSYN0N	B8/D4	
1PBSYN0P	06_035		06-035-037	037	IXO	PIN	B8/D4	
1PBSYN0P	COMDAC1	L	07-108	A055	IXO	PBSYN0P	B8/D4	
1PBSYN1N	06_025		06-025-037	037	IXO	PIN	B8/D7	
1PBSYN1N	COMDAC1	L	07-108	E055	IXO	PBSYN1N	B8/D6	
1PBSYN1P	06_028		06-028-037	037	IXO	PIN	B8/D7	
1PBSYN1P	COMDAC1	L	07-108	D055	IXO	PBSYN1P	B8/D6	
1PCBCK0N	02_028		02-028-017	017	IXO	PIN	B10/G4	
1PCBCK0N	COMDAC1	G	07-108	A046	IXO	PCBCK0N	B10/G4	
1PCBCK0P	02_025		02-025-017	017	IXO	PIN	B10/G4	
1PCBCK0P	COMDAC1	G	07-108	B046	IXO	PCBCK0P	B10/G4	
1PCBCK1N	02_028		02-028-023	023	IXO	PIN	B10/G6	
1PCBCK1N	COMDAC1	G	07-108	D046	IXO	PCBCK1N	B10/G6	
1PCBCK1P	02_025		02-025-023	023	IXO	PIN	B10/G6	
1PCBCK1P	COMDAC1	G	07-108	E046	IXO	PCBCK1P	B10/G6	
1PCBDD0N	02_028		02-028-018	018	IXO	PIN	B10/G4	
1PCBDD0N	COMDAC1	G	07-108	A047	IXO	PCBDD0N	B10/G4	
1PCBDD0P	02_025		02-025-018	018	IXO	PIN	B10/G4	
1PCBDD0P	COMDAC1	G	07-108	B047	IXO	PCBDD0P	B10/G4	
1PCBDD1N	02_028		02-028-024	024	IXO	PIN	B10/G6	
1PCBDD1N	COMDAC1	G	07-108	D047	IXO	PCBDD1N	B10/G6	
1PCBDD1P	02_025		02-025-024	024	IXO	PIN	B10/G6	
1PCBDD1P	COMDAC1	G	07-108	E047	IXO	PCBDD1P	B10/G6	
1PCBDU0N	02_028		02-028-019	019	IXO	PIN	B10/F4	
1PCBDU0N	COMDAC1	G	07-108	A048	IXO	PCBDU0N	B10/F4	
1PCBDU0P	02_025		02-025-019	019	IXO	PIN	B10/F4	
1PCBDU0P	COMDAC1	G	07-108	B048	IXO	PCBDU0P	B10/F4	
1PCBDU1N	02_028		02-028-025	025	IXO	PIN	B10/F6	
1PCBDU1N	COMDAC1	G	07-108	D048	IXO	PCBDU1N	B10/F6	
1PCBDU1P	02_025		02-025-025	025	IXO	PIN	B10/F6	
1PCBDU1P	COMDAC1	G	07-108	E048	IXO	PCBDU1P	B10/F6	
1PCCLK0N	06_031		06-031-042	042	IXO	PIN	B8/B4	
1PCCLK0N	COMDAC1	K	07-108	B060	IXO	PCCLK0N	B8/B4	
1PCCLK0P	06_035		06-035-042	042	IXO	PIN	B8/A4	
1PCCLK0P	COMDAC1	K	07-108	A060	IXO	PCCLK0P	B8/A4	
1PCCLK1N	06_025		06-025-042	042	IXO	PIN	B8/B7	
1PCCLK1N	COMDAC1	K	07-108	E060	IXO	PCCLK1N	B8/B6	
1PCCLK1P	06_028		06-028-042	042	IXO	PIN	B8/A7	
1PCCLK1P	COMDAC1	K	07-108	D060	IXO	PCCLK1P	B8/A6	
1PCDD0N	06_031		06-031-039	039	IXO	PIN	B8/B4	
1PCDD0N	COMDAC1	K	07-108	B057	IXO	PCDD0N	B8/B4	
1PCDD0P	06_035		06-035-039	039	IXO	PIN	B8/B4	
1PCDD0P	COMDAC1	K	07-108	A057	IXO	PCDD0P	B8/B4	
1PCDD1N	06_025		06-025-039	039	IXO	PIN	B8/B7	
1PCDD1N	COMDAC1	K	07-108	E057	IXO	PCDD1N	B8/B6	
1PCDD1P	06_028		06-028-039	039	IXO	PIN	B8/B7	
1PCDD1P	COMDAC1	K	07-108	D057	IXO	PCDD1P	B8/B6	
1PCDU0N	06_031		06-031-040	040	IXO	PIN	B8/B4	
1PCDU0N	COMDAC1	K	07-108	B058	IXO	PCDU0N	B8/B4	
1PCDU0P	06_035		06-035-040	040	IXO	PIN	B8/B4	
1PCDU0P	COMDAC1	K	07-108	A058	IXO	PCDU0P	B8/B4	
1PCDU1N	06_025		06-025-040	040	IXO	PIN	B8/B7	
1PCDU1N	COMDAC1	K	07-108	E058	IXO	PCDU1N	B8/B6	
1PCDU1P	06_028		06-028-040	040	IXO	PIN	B8/B7	
1PCDU1P	COMDAC1	K	07-108	D058	IXO	PCDU1P	B8/B6	
1PCINT0N	02_028		02-028-015	015	IXO	PIN	B10/G4	
1PCINT0N	COMDAC1	G	07-108	A044	IXO	PCINT0N	B10/G4	
1PCINT0P	02_025		02-025-015	015	IXO	PIN	B10/H4	
1PCINT0P	COMDAC1	G	07-108	B044	IXO	PCINT0P	B10/H4	
1PCINT1N	02_028		02-028-021	021	IXO	PIN	B10/G6	
1PCINT1N	COMDAC1	G	07-108	D044	IXO	PCINT1N	B10/G6	
1PCINT1P	02_025		02-025-021	021	IXO	PIN	B10/G6	
1PCINT1P	COMDAC1	G	07-108	E044	IXO	PCINT1P	B10/G6	
1PCM4M00	COMDAC1	B	07-108	D144	IXO	PCM4M00	B6/A8	
1PCM4M00	APPACK0	B	07-133	C133	IXO	1PCM4M	B11/C6	
1PCM4M01	COMDAC1	B	07-108	D142	IXO	PCM4M01	B6/B8	
1PCM4M01	APPACK1	B	07-158	C133	IXO	1PCM4M	B12/C6	
1PCM4M02	COMDAC1	B	07-108	D140	IXO	PCM4M02	B6/C8	
1PCM4M02	APPACK2	B	07-183	C133	IXO	1PCM4M	B13/C6	
1PCM4M03	COMDAC1	B	07-108	D138	IXO	PCM4M03	B6/C8	
1PCM4M03	APPACK3	B	07-208	C133	IXO	1PCM4M	B14/C6	
1PCM4M04	COMDAC1	C	07-108	D136	IXO	PCM4M04	B7/B3	
1PCM4M04	APPACK4	B	07-233	C133	IXO	1PCM4M	B15/C6	
1PCM4M05	COMDAC1	C	07-108	D134	IXO	PCM4M05	B7/C3	
1PCM4M05	APPACK5	B	07-258	C133	IXO	1PCM4M	B16/C6	
1PCM4M06	COMDAC1	C	07-108	D132	IXO	PCM4M06	B7/C3	
1PCM4M06	APPACK6	B	07-283	C133	IXO	1PCM4M	B17/C6	
1PCM4M07	COMDAC1	C	07-108	D130	IXO	PCM4M07	B7/D3	
1PCM4M07	APPACK7	B	07-308	C133	IXO	1PCM4M	B18/C6	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
1PCM4M08	COMDAC1	D	07-108	D128	IXO	PCM4M08	B7/B8	
1PCM4M08	APPACK8	B	07-338	C133	IXO	1PCM4M	B19/C6	
1PCM4M09	COMDAC1	D	07-108	D126	IXO	PCM4M09	B7/B8	
1PCM4M09	APPACK9	B	07-363	C133	IXO	1PCM4M	B20/C6	
1PCM4M10	COMDAC1	D	07-108	D124	IXO	PCM4M10	B7/C8	
1PCM4M10	APPACK10	B	07-388	C133	IXO	1PCM4M	B21/C6	
1PCM4M11	COMDAC1	D	07-108	D122	IXO	PCM4M11	B7/D8	
1PCM4M11	APPACK11	B	07-413	C133	IXO	1PCM4M	B22/C6	
1PCM4M12	COMDAC1	E	07-108	D120	IXO	PCM4M12	B7/E3	
1PCM4M12	APPACK12	B	07-438	C133	IXO	1PCM4M	B23/C6	
1PCM4M13	COMDAC1	E	07-108	D118	IXO	PCM4M13	B7/F3	
1PCM4M13	APPACK13	B	07-463	C133	IXO	1PCM4M	B24/C6	
1PCM4M14	COMDAC1	E	07-108	D116	IXO	PCM4M14	B7/F3	
1PCM4M14	APPACK14	B	07-488	C133	IXO	1PCM4M	B25/C6	
1PCM4M15	COMDAC1	E	07-108	D114	IXO	PCM4M15	B7/G3	
1PCM4M15	APPACK15	B	07-513	C133	IXO	1PCM4M	B26/C6	
1PCM4M16	COMDAC1	F	07-108	D112	IXO	PCM4M16	B7/E8	
1PCM4M16	APPACK16	B	07-538	C133	IXO	1PCM4M	B27/C6	
1PCM4M17	COMDAC1	F	07-108	D110	IXO	PCM4M17	B7/F8	
1PCM4M17	APPACK17	B	07-563	C133	IXO	1PCM4M	B28/C6	
1PCM4M18	COMDAC1	F	07-108	D108	IXO	PCM4M18	B7/F8	
1PCM4M18	APPACK18	B	07-588	C133	IXO	1PCM4M	B29/C6	
1PCM4M19	COMDAC1	F	07-108	D106	IXO	PCM4M19	B7/G8	
1PCM4M19	APPACK19	B	07-613	C133	IXO	1PCM4M	B30/C6	
1PCMD000	COMDAC1	B	07-108	A144	IXO	PCMD000	B6/A8	
1PCMD000	APPACK0	B	07-133	B133	IXO	1PCMD00	B11/C6	
1PCMD001	COMDAC1	B	07-108	A142	IXO	PCMD001	B6/B8	
1PCMD001	APPACK1	B	07-158	B133	IXO	1PCMD00	B12/C6	
1PCMD002	COMDAC1	B	07-108	A140	IXO	PCMD002	B6/C8	
1PCMD002	APPACK2	B	07-183	B133	IXO	1PCMD00	B13/C6	
1PCMD003	COMDAC1	B	07-108	A138	IXO	PCMD003	B6/C8	
1PCMD003	APPACK3	B	07-208	B133	IXO	1PCMD00	B14/C6	
1PCMD004	COMDAC1	C	07-108	A136	IXO	PCMD004	B7/B3	
1PCMD004	APPACK4	B	07-233	B133	IXO	1PCMD00	B15/C6	
1PCMD005	COMDAC1	C	07-108	A134	IXO	PCMD005	B7/B3	
1PCMD005	APPACK5	B	07-258	B133	IXO	1PCMD00	B16/C6	
1PCMD006	COMDAC1	C	07-108	A132	IXO	PCMD006	B7/C3	
1PCMD006	APPACK6	B	07-283	B133	IXO	1PCMD00	B17/C6	
1PCMD007	COMDAC1	C	07-108	A130	IXO	PCMD007	B7/D3	
1PCMD007	APPACK7	B	07-308	B133	IXO	1PCMD00	B18/C6	
1PCMD008	COMDAC1	D	07-108	A128	IXO	PCMD008	B7/B8	
1PCMD008	APPACK8	B	07-338	B133	IXO	1PCMD00	B19/C6	
1PCMD009	COMDAC1	D	07-108	A126	IXO	PCMD009	B7/B8	
1PCMD009	APPACK9	B	07-363	B133	IXO	1PCMD00	B20/C6	
1PCMD010	COMDAC1	D	07-108	A124	IXO	PCMD010	B7/C8	
1PCMD010	APPACK10	B	07-388	B133	IXO	1PCMD00	B21/C6	
1PCMD011	COMDAC1	D	07-108	A122	IXO	PCMD011	B7/D8	
1PCMD011	APPACK11	B	07-413	B133	IXO	1PCMD00	B22/C6	
1PCMD012	COMDAC1	E	07-108	A120	IXO	PCMD012	B7/E3	
1PCMD012	APPACK12	B	07-438	B133	IXO	1PCMD00	B23/C6	
1PCMD013	COMDAC1	E	07-108	A118	IXO	PCMD013	B7/F3	
1PCMD013	APPACK13	B	07-463	B133	IXO	1PCMD00	B24/C6	
1PCMD014	COMDAC1	E	07-108	A116	IXO	PCMD014	B7/F3	
1PCMD014	APPACK14	B	07-488	B133	IXO	1PCMD00	B25/C6	
1PCMD015	COMDAC1	E	07-108	A114	IXO	PCMD015	B7/G3	
1PCMD015	APPACK15	B	07-513	B133	IXO	1PCMD00	B26/C6	
1PCMD016	COMDAC1	F	07-108	A112	IXO	PCMD016	B7/E8	
1PCMD016	APPACK16	B	07-538	B133	IXO	1PCMD00	B27/C6	
1PCMD017	COMDAC1	F	07-108	A110	IXO	PCMD017	B7/F8	
1PCMD017	APPACK17	B	07-563	B133	IXO	1PCMD00	B28/C6	
1PCMD018	COMDAC1	F	07-108	A108	IXO	PCMD018	B7/F8	
1PCMD018	APPACK18	B	07-588	B133	IXO	1PCMD00	B29/C6	
1PCMD019	COMDAC1	F	07-108	A106	IXO	PCMD019	B7/G8	
1PCMD019	APPACK19	B	07-613	B133	IXO	1PCMD00	B30/C6	
1PCMDU00	COMDAC1	B	07-108	B1				

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NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
1PDDDDP	COMDAC1	J	07-108	A061	IXO	PDDDDP	B9/F5	
1PDDDD1N	06_025	J	06-025-044	044	IXO	PIN	B9/F7	
1PDDDD1N	COMDAC1	J	07-108	E061	IXO	PDDDD1N	B9/F6	
1PDDDD1P	06_028	J	06-028-044	044	IXO	PIN	B9/F7	
1PDDDD1P	COMDAC1	J	07-108	D061	IXO	PDDDD1P	B9/F6	
1PDDUON	06_031	J	06-031-045	045	IXO	PIN	B9/F4	
1PDDUON	COMDAC1	J	07-108	B062	IXO	PDDUON	B9/F5	
1PDDUOP	06_035	J	06-035-045	045	IXO	PIN	B9/F4	
1PDDUOP	COMDAC1	J	07-108	A062	IXO	PDDUOP	B9/F5	
1PDDU1N	06_025	J	06-025-045	045	IXO	PIN	B9/F7	
1PDDU1N	COMDAC1	J	07-108	E062	IXO	PDDU1N	B9/F6	
1PDDU1P	06_028	J	06-028-045	045	IXO	PIN	B9/F7	
1PDDU1P	COMDAC1	J	07-108	D062	IXO	PDDU1P	B9/F6	
1PDSYNON	06_031	J	06-031-046	046	IXO	PIN	B9/F5	
1PDSYNON	COMDAC1	J	07-108	B063	IXO	PDSYNON	B9/F5	
1PDSYNOP	06_035	J	06-035-046	046	IXO	PIN	B9/F4	
1PDSYNOP	COMDAC1	J	07-108	A063	IXO	PDSYNOP	B9/F5	
1PDSYN1N	06_025	J	06-025-046	046	IXO	PIN	B9/F7	
1PDSYN1N	COMDAC1	J	07-108	E063	IXO	PDSYN1N	B9/F6	
1PDSYN1P	06_028	J	06-028-046	046	IXO	PIN	B9/F7	
1PDSYN1P	COMDAC1	J	07-108	D063	IXO	PDSYN1P	B9/F6	
1PECLKOP	06_035	I	06-035-051	051	IXO	PIN	B9/D4	
1PECLKOP	COMDAC1	I	07-108	A068	IXO	PECLKOP	B9/D5	
1PECLKON	06_031	I	06-031-051	051	IXO	PIN	B9/D4	
1PECLKON	COMDAC1	I	07-108	B068	IXO	PECLKON	B9/D5	
1PECLK1N	06_025	I	06-025-051	051	IXO	PIN	B9/D7	
1PECLK1N	COMDAC1	I	07-108	E068	IXO	PECLK1N	B9/D6	
1PECLK1P	06_028	I	06-028-051	051	IXO	PIN	B9/D7	
1PECLK1P	COMDAC1	I	07-108	D068	IXO	PECLK1P	B9/D6	
1PEDDDN	06_031	I	06-031-048	048	IXO	PIN	B9/D4	
1PEDDDN	COMDAC1	I	07-108	B065	IXO	PEDDDN	B9/D5	
1PEDDDP	06_035	I	06-035-048	048	IXO	PIN	B9/D4	
1PEDDDP	COMDAC1	I	07-108	A065	IXO	PEDDDP	B9/D5	
1PEDD1N	06_025	I	06-025-048	048	IXO	PIN	B9/D7	
1PEDD1N	COMDAC1	I	07-108	E065	IXO	PEDD1N	B9/D6	
1PEDD1P	06_028	I	06-028-048	048	IXO	PIN	B9/D7	
1PEDD1P	COMDAC1	I	07-108	D065	IXO	PEDD1P	B9/D6	
1PEDUON	06_031	I	06-031-049	049	IXO	PIN	B9/D4	
1PEDUON	COMDAC1	I	07-108	B066	IXO	PEDUON	B9/D5	
1PEDUOP	06_035	I	06-035-049	049	IXO	PIN	B9/D4	
1PEDUOP	COMDAC1	I	07-108	A066	IXO	PEDUOP	B9/D5	
1PEDU1N	06_025	I	06-025-049	049	IXO	PIN	B9/D7	
1PEDU1N	COMDAC1	I	07-108	E066	IXO	PEDU1N	B9/D6	
1PEDU1P	06_028	I	06-028-049	049	IXO	PIN	B9/D7	
1PEDU1P	COMDAC1	I	07-108	D066	IXO	PEDU1P	B9/D6	
1PESYNON	06_031	I	06-031-050	050	IXO	PIN	B9/D4	
1PESYNON	COMDAC1	I	07-108	B067	IXO	PESYNON	B9/D5	
1PESYNOP	06_035	I	06-035-050	050	IXO	PIN	B9/D4	
1PESYNOP	COMDAC1	I	07-108	A067	IXO	PESYNOP	B9/D5	
1PESYN1N	06_025	I	06-025-050	050	IXO	PIN	B9/D7	
1PESYN1N	COMDAC1	I	07-108	E067	IXO	PESYN1N	B9/D6	
1PESYN1P	06_028	I	06-028-050	050	IXO	PIN	B9/D7	
1PESYN1P	COMDAC1	I	07-108	D067	IXO	PESYN1P	B9/D6	
1PFCLKON	06_031	H	06-031-055	055	IXO	PIN	B9/B4	
1PFCLKON	COMDAC1	H	07-108	B072	IXO	PFCLKON	B9/B5	
1PFCLKOP	06_035	H	06-035-055	055	IXO	PIN	B9/B4	
1PFCLKOP	COMDAC1	H	07-108	A072	IXO	PFCLKOP	B9/B5	
1PFCLK1N	06_025	H	06-025-055	055	IXO	PIN	B9/B7	
1PFCLK1N	COMDAC1	H	07-108	E072	IXO	PFCLK1N	B9/B6	
1PFCLK1P	06_028	H	06-028-055	055	IXO	PIN	B9/B7	
1PFCLK1P	COMDAC1	H	07-108	D072	IXO	PFCLK1P	B9/B6	
1PFDDON	06_031	H	06-031-052	052	IXO	PIN	B9/C4	
1PFDDON	COMDAC1	H	07-108	B069	IXO	PFDDON	B9/C5	
1PFDDOP	06_035	H	06-035-052	052	IXO	PIN	B9/B4	
1PFDDOP	COMDAC1	H	07-108	A069	IXO	PFDDOP	B9/B5	
1PFDD1N	06_025	H	06-025-052	052	IXO	PIN	B9/C7	
1PFDD1N	COMDAC1	H	07-108	E069	IXO	PFDD1N	B9/C6	
1PFDD1P	06_028	H	06-028-052	052	IXO	PIN	B9/C7	
1PFDD1P	COMDAC1	H	07-108	D069	IXO	PFDD1P	B9/C6	
1PFDUON	06_031	H	06-031-053	053	IXO	PIN	B9/B4	
1PFDUON	COMDAC1	H	07-108	B070	IXO	PFDUON	B9/B5	
1PFDUOP	06_035	H	06-035-053	053	IXO	PIN	B9/B4	
1PFDUOP	COMDAC1	H	07-108	A070	IXO	PFDUOP	B9/B5	
1PFDU1N	06_025	H	06-025-053	053	IXO	PIN	B9/B7	
1PFDU1N	COMDAC1	H	07-108	E070	IXO	PFDU1N	B9/B6	
1PFDU1P	06_028	H	06-028-053	053	IXO	PIN	B9/B7	
1PFDU1P	COMDAC1	H	07-108	D070	IXO	PFDU1P	B9/B6	
1PFSYNON	06_031	H	06-031-054	054	IXO	PIN	B9/B4	
1PFSYNON	COMDAC1	H	07-108	B071	IXO	PFSYNON	B9/B5	
1PFSYNOP	06_035	H	06-035-054	054	IXO	PIN	B9/B4	
1PFSYNOP	COMDAC1	H	07-108	A071	IXO	PFSYNOP	B9/B5	
1PFSYN1N	06_025	H	06-025-054	054	IXO	PIN	B9/B7	
1PFSYN1N	COMDAC1	H	07-108	E071	IXO	PFSYN1N	B9/B6	
1PFSYN1P	06_028	H	06-028-054	054	IXO	PIN	B9/B7	
1PFSYN1P	COMDAC1	H	07-108	D071	IXO	PFSYN1P	B9/B6	
1SCANON	02_035		02-035-015	015	IXO	PIN	B8/F4	
1SCANOP	02_031		02-031-015	015	IXO	PIN	B8/F4	
1SCAN1N	02_035		02-035-016	016	IXO	PIN	B8/F4	
1SCAN1P	02_031		02-031-016	016	IXO	PIN	B8/F4	
1SCAN2N	02_035		02-035-025	025	IXO	PIN	B8/G4	

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NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
1SCAN2P	02_031		02-031-025	025	IXO	PIN	B8/G4	
1SCAN3N	02_035		02-035-025	024	IXO	PIN	B8/G7	
1SCAN3P	02_031		02-031-024	024	IXO	PIN	B8/F7	
1SCAN4N	02_035		02-035-023	023	IXO	PIN	B8/F7	
1SCAN4P	02_031		02-031-023	023	IXO	PIN	B8/E7	
1SCAN5N	02_035		02-035-022	022	IXO	PIN	B8/D7	
1SCAN5P	02_031		02-031-022	022	IXO	PIN	B8/D7	
1SCAN6N	02_035		02-035-021	021	IXO	PIN	B8/C7	
1SCAN6P	02_031		02-031-021	021	IXO	PIN	B8/C7	
1SCAN7N	02_035		02-035-020	020	IXO	PIN	B8/F7	
1SCAN7P	02_031		02-031-020	020	IXO	PIN	B8/D7	
ALTPWR	APPACK0	C	07-133	A157	P	ALTPWRA_ECM	B11/D2	
ALTPWR	APPACK0	C	07-133	D153	P	ALTPWR	B11/E2	
ALTPWR	APPACK0	C	07-133	D154	P	ALTPWRB	B11/D2	
ALTPWR	APPACK1	C	07-158	A157	P	ALTPWRA_ECM	B12/D2	
ALTPWR	APPACK1	C	07-158	D153	P	ALTPWR	B12/D2	
ALTPWR	APPACK1	C	07-158	D154	P	ALTPWRB	B12/D2	
ALTPWR	APPACK2	C	07-183	A157	P	ALTPWRA_ECM	B13/D2	
ALTPWR	APPACK2	C	07-183	D153	P	ALTPWR	B13/E2	
ALTPWR	APPACK2	C	07-183	D154	P	ALTPWRB	B13/E2	
ALTPWR	APPACK3	C	07-208	A157	P	ALTPWRA_ECM	B14/D3	
ALTPWR	APPACK3	C	07-208	D153	P	ALTPWR	B14/E3	
ALTPWR	APPACK3	C	07-208	D154	P	ALTPWRB	B14/E3	
ALTPWR	APPACK4	C	07-233	A157	P	ALTPWRA_ECM	B15/D3	
ALTPWR	APPACK4	C	07-233	D153	P	ALTPWR	B15/E3	
ALTPWR	APPACK4	C	07-233	D154	P	ALTPWRB	B15/E3	
ALTPWR	APPACK5	C	07-258	A157	P	ALTPWRA_ECM	B16/D3	
ALTPWR	APPACK5	C	07-258	D153	P	ALTPWR	B16/E3	
ALTPWR	APPACK5	C	07-258	D154	P	ALTPWRB	B16/E3	
ALTPWR	APPACK6	C	07-283	A157	P	ALTPWRA_ECM	B17/D3	
ALTPWR	APPACK6	C	07-283	D153	P	ALTPWR	B17/E3	
ALTPWR	APPACK6	C	07-283	D154	P	ALTPWRB	B17/E3	
ALTPWR	APPACK7	C	07-308	A157	P	ALTPWRA_ECM	B18/D2	
ALTPWR	APPACK7	C	07-308	D153	P	ALTPWR	B18/E2	
ALTPWR	APPACK7	C	07-308	D154	P	ALTPWRB	B18/E2	
ALTPWR	APPACK8	C	07-338	A157	P	ALTPWRA_ECM	B19/D2	
ALTPWR	APPACK8	C	07-338	D153	P	ALTPWR	B19/E2	
ALTPWR	APPACK8	C	07-338	D154	P	ALTPWRB	B19/E2	
ALTPWR	APPACK9	C	07-363	A157	P	ALTPWRA_ECM	B20/D2	
ALTPWR	APPACK9	C	07-363	D153	P	ALTPWR	B20/E2	
ALTPWR	APPACK9	C	07-363	D154	P	ALTPWRB	B20/E2	
ALTPWR	APPACK10	C	07-388	A157	P	ALTPWRA_ECM	B21/D3	
ALTPWR	APPACK10	C	07-388	D153	P	ALTPWR	B21/E3	
ALTPWR	APPACK10	C	07-388	D154	P	ALTPWRB	B21/E3	
ALTPWR	APPACK11	C	07-413	A157	P	ALTPWRA_ECM	B22/D2	
ALTPWR	APPACK11	C	07-413	D153	P	ALTPWR	B22/E2	
ALTPWR	APPACK11	C	07-413	D154	P	ALTPWRB	B22/E2	
ALTPWR	APPACK12	C	07-438	A157	P	ALTPWRA_ECM	B23/D2	
ALTPWR	APPACK12	C	07-438	D153	P	ALTPWR	B23/E2	
ALTPWR	APPACK12	C	07-438	D154	P	ALTPWRB	B23/E2	
ALTPWR	APPACK13	C	07-463	A157	P	ALTPWRA_ECM	B24/D2	
ALTPWR	APPACK13	C	07-463	D153	P	ALTPWR	B24/E2	
ALTPWR	APPACK13	C	07-463	D154	P	ALTPWRB	B24/E2	
ALTPWR	APPACK14	C	07-488	A157	P	ALTPWRA_ECM	B25/D2	
ALTPWR	APPACK14	C	07-488	D153	P	ALTPWR	B25/E2	
ALTPWR	APPACK14	C	07-488	D154	P	ALTPWRB	B25/E2	
ALTPWR	APPACK15	C	07-513	A157	P	ALTPWRA_ECM	B26/D3	
ALTPWR	APPACK15	C	07-513	D153	P	ALTPWR	B26/E3	
ALTPWR	APPACK15	C	07-513	D154	P	ALTPWRB	B26/E3	
ALTPWR	APPACK16	C	07-538	A157	P	ALTPWRA_ECM	B27/D2	
ALTPWR	APPACK16	C	07-538	D153	P	ALTPWR	B27/E2	
ALTPWR	APPACK16	C	07-538	D154	P	ALTPWRB	B27/E2	
ALTPWR	APPACK17	C	07-563	A157	P	ALTPWRA_ECM	B28/E2	
ALTPWR	APPACK17	C	07-563	D153	P	ALTPWR	B28/E2	
ALTPWR	APPACK17	C	07-563	D154	P	ALTPWRB	B28/E2	
ALTPWR	APPACK18	C	07-588	A157	P	ALTPWRA_ECM	B29/D2	
ALTPWR	APPACK18	C	07-588	D153	P	ALTPWR	B29/E2	
ALTPWR	APPACK18	C	07-588	D154	P	ALTPWRB	B29/E2	
ALTPWR	APPACK19	C	07-613	A157	P	ALTPWRA_ECM	B30/D2	
ALTPWR	APPACK19	C	07-613	D153	P	ALTPWR	B30/E2	
ALTPWR								

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
FRGRD	APPACK11	C	07-413	G1	P	GUIDEPIN	B22/E2	
FRGRD	APPACK12	C	07-438	C001	P	FRGRD_ECL	B23/E2	
FRGRD	APPACK12	C	07-438	G1	P	GUIDEPIN	B23/E2	
FRGRD	APPACK13	C	07-463	C001	P	FRGRD_ECL	B24/E2	
FRGRD	APPACK13	C	07-463	G1	P	GUIDEPIN	B24/E2	
FRGRD	APPACK14	C	07-488	C001	P	FRGRD_ECL	B25/E2	
FRGRD	APPACK14	C	07-488	G1	P	GUIDEPIN	B25/E2	
FRGRD	APPACK15	C	07-513	C001	P	FRGRD_ECL	B26/E3	
FRGRD	APPACK15	C	07-513	G1	P	GUIDEPIN	B26/E3	
FRGRD	APPACK16	C	07-538	C001	P	FRGRD_ECL	B27/E2	
FRGRD	APPACK16	C	07-538	G1	P	GUIDEPIN	B27/E2	
FRGRD	APPACK17	C	07-563	C001	P	FRGRD_ECL	B28/E2	
FRGRD	APPACK17	C	07-563	G1	P	GUIDEPIN	B28/E2	
FRGRD	APPACK18	C	07-588	C001	P	FRGRD_ECL	B29/E2	
FRGRD	APPACK18	C	07-588	G1	P	GUIDEPIN	B29/E2	
FRGRD	APPACK19	C	07-613	C001	P	FRGRD_ECL	B30/E2	
FRGRD	APPACK19	C	07-613	G1	P	GUIDEPIN	B30/E2	
MX1_01	COMDAC0	E	07-083	C113	P	MX10	B2/F3	
MX1_01	COMDAC1	E	07-108	C114	P	MX11	B7/F2	
MX1_10	COMDAC0	E	07-083	C114	P	MX11	B2/F3	
MX1_10	COMDAC1	E	07-108	C113	P	MX10	B7/G2	
MX2_01	COMDAC0	F	07-083	C111	IXO	MX20	B2/F7	
MX2_01	COMDAC1	F	07-108	C112	IXO	MX21	B7/F6	
MX2_10	COMDAC0	F	07-083	C112	IXO	MX21	B2/F7	
MX2_10	COMDAC1	F	07-108	C111	IXO	MX20	B7/F6	
MX3_01	COMDAC0	F	07-083	C109	IXO	MX30	B2/F7	
MX3_01	COMDAC1	F	07-108	C110	IXO	MX31	B7/F6	
MX3_10	COMDAC0	F	07-083	C110	IXO	MX31	B2/F7	
MX3_10	COMDAC1	F	07-108	C109	IXO	MX30	B7/F6	
MX4_01	COMDAC0	F	07-083	C107	IXO	MX40	B2/F7	
MX4_01	COMDAC1	F	07-108	C108	IXO	MX41	B7/F6	
MX4_10	COMDAC0	F	07-083	C108	IXO	MX41	B2/F7	
MX4_10	COMDAC1	F	07-108	C107	IXO	MX40	B7/F6	
RGPB0	COMDAC0	A	07-083	D150	IXO	RGPBOR10	B1/D4	
RGPB0	COMDAC1	A	07-108	D150	IXO	RGPBOR10	B6/D4	
RGPB0	APPACK0	A	07-133	C150	IXO	RGPB0	B11/B4	
RGPB0	APPACK1	A	07-158	C149	IXO	RGPB1	B12/B4	
RGPB0	APPACK2	A	07-183	C150	IXO	RGPB0	B13/B4	
RGPB0	APPACK3	A	07-208	C149	IXO	RGPB1	B14/C4	
RGPB0	APPACK4	A	07-233	C150	IXO	RGPB0	B15/B4	
RGPB0	APPACK5	A	07-258	C149	IXO	RGPB1	B16/C4	
RGPB0	APPACK6	A	07-283	C150	IXO	RGPB0	B17/B4	
RGPB0	APPACK7	A	07-308	C149	IXO	RGPB1	B18/C4	
RGPB0	APPACK8	A	07-338	C150	IXO	RGPB0	B19/B4	
RGPB0	APPACK9	A	07-363	C149	IXO	RGPB1	B20/C4	
RGPB0	APPACK10	A	07-388	C150	IXO	RGPB0	B21/B4	
RGPB0	APPACK11	A	07-413	C149	IXO	RGPB1	B22/B4	
RGPB0	APPACK12	A	07-438	C150	IXO	RGPB0	B23/B4	
RGPB0	APPACK13	A	07-463	C149	IXO	RGPB1	B24/B4	
RGPB0	APPACK14	A	07-488	C150	IXO	RGPB0	B25/B4	
RGPB0	APPACK15	A	07-513	C149	IXO	RGPB1	B26/B4	
RGPB0	APPACK16	A	07-538	C150	IXO	RGPB0	B27/B4	
RGPB0	APPACK17	A	07-563	C149	IXO	RGPB1	B28/C4	
RGPB0	APPACK18	A	07-588	C150	IXO	RGPB0	B29/B4	
RGPB0	APPACK19	A	07-613	C149	IXO	RGPB1	B30/C4	
RGPB0	15_044		15-044-012	012	IXO	PIN	B1/D5	
RGPB1	COMDAC0	A	07-083	D149	IXO	RGPB1RT1	B1/D4	
RGPB1	COMDAC1	A	07-108	D149	IXO	RGPB1RT1	B6/D4	
RGPB1	APPACK0	A	07-133	C149	IXO	RGPB1	B11/C4	
RGPB1	APPACK1	A	07-158	C150	IXO	RGPB0	B12/B4	
RGPB1	APPACK2	A	07-183	C149	IXO	RGPB1	B13/C4	
RGPB1	APPACK3	A	07-208	C150	IXO	RGPB0	B14/B4	
RGPB1	APPACK4	A	07-233	C149	IXO	RGPB1	B15/C4	
RGPB1	APPACK5	A	07-258	C150	IXO	RGPB0	B16/B4	
RGPB1	APPACK6	A	07-283	C149	IXO	RGPB1	B17/C4	
RGPB1	APPACK7	A	07-308	C150	IXO	RGPB0	B18/B4	
RGPB1	APPACK8	A	07-338	C149	IXO	RGPB1	B19/C4	
RGPB1	APPACK9	A	07-363	C150	IXO	RGPB0	B20/B4	
RGPB1	APPACK10	A	07-388	C149	IXO	RGPB1	B21/B4	
RGPB1	APPACK11	A	07-413	C150	IXO	RGPB0	B22/B4	
RGPB1	APPACK12	A	07-438	C149	IXO	RGPB1	B23/B4	
RGPB1	APPACK13	A	07-463	C150	IXO	RGPB0	B24/B4	
RGPB1	APPACK14	A	07-488	C149	IXO	RGPB1	B25/B4	
RGPB1	APPACK15	A	07-513	C150	IXO	RGPB0	B26/B4	
RGPB1	APPACK16	A	07-538	C149	IXO	RGPB1	B27/C4	
RGPB1	APPACK17	A	07-563	C150	IXO	RGPB0	B28/C4	
RGPB1	APPACK18	A	07-588	C149	IXO	RGPB1	B29/C4	
RGPB1	APPACK19	A	07-613	C150	IXO	RGPB0	B30/B4	
RGPB1	15_044		15-044-011	011	IXO	PIN	B1/D5	
RGPB2	COMDAC0	A	07-083	D148	IXO	RGPB2	B1/D4	
RGPB2	COMDAC1	A	07-108	D148	IXO	RGPB2	B6/D4	
RGPB2	APPACK0	A	07-133	C148	IXO	RGPB2	B11/C4	
RGPB2	APPACK1	A	07-158	C148	IXO	RGPB2	B12/C4	
RGPB2	APPACK2	A	07-183	C148	IXO	RGPB2	B13/C4	
RGPB2	APPACK3	A	07-208	C148	IXO	RGPB2	B14/C4	
RGPB2	APPACK4	A	07-233	C148	IXO	RGPB2	B15/C4	
RGPB2	APPACK5	A	07-258	C148	IXO	RGPB2	B16/C4	
RGPB2	APPACK6	A	07-283	C148	IXO	RGPB2	B17/C4	
RGPB2	APPACK7	A	07-308	C148	IXO	RGPB2	B18/C4	
RGPB2	APPACK8	A	07-338	C148	IXO	RGPB2	B19/C4	
RGPB2	APPACK9	A	07-363	C148	IXO	RGPB2	B20/C4	
RGPB2	APPACK10	A	07-388	C148	IXO	RGPB2	B21/C4	
RGPB2	APPACK11	A	07-413	C148	IXO	RGPB2	B22/C4	
RGPB2	APPACK12	A	07-438	C148	IXO	RGPB2	B23/C4	
RGPB2	APPACK13	A	07-463	C148	IXO	RGPB2	B24/C4	
RGPB2	APPACK14	A	07-488	C148	IXO	RGPB2	B25/C4	
RGPB2	APPACK15	A	07-513	C148	IXO	RGPB2	B26/C4	
RGPB2	APPACK16	A	07-538	C148	IXO	RGPB2	B27/C4	
RGPB2	APPACK17	A	07-563	C148	IXO	RGPB2	B28/C4	
RGPB2	APPACK18	A	07-588	C148	IXO	RGPB2	B29/C4	
RGPB2	APPACK19	A	07-613	C148	IXO	RGPB2	B30/C4	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
RGPB2	15_044		15-044-010	010	IXO	PIN	B1/D5	
RGPB3	COMDAC0	A	07-083	D147	IXO	RGPB3	B1/D4	
RGPB3	COMDAC1	A	07-108	D147	IXO	RGPB3	B6/D4	
RGPB3	APPACK0	A	07-133	C147	IXO	RGPB3	B11/C4	
RGPB3	APPACK1	A	07-158	C147	IXO	RGPB3	B12/C4	
RGPB3	APPACK2	A	07-183	C147	IXO	RGPB3	B13/C4	
RGPB3	APPACK3	A	07-208	C147	IXO	RGPB3	B14/C4	
RGPB3	APPACK4	A	07-233	C147	IXO	RGPB3	B15/C4	
RGPB3	APPACK5	A	07-258	C147	IXO	RGPB3	B16/C4	
RGPB3	APPACK6	A	07-283	C147	IXO	RGPB3	B17/C4	
RGPB3	APPACK7	A	07-308	C147	IXO	RGPB3	B18/C4	
RGPB3	APPACK8	A	07-338	C147	IXO	RGPB3	B19/C4	
RGPB3	APPACK9	A	07-363	C147	IXO	RGPB3	B20/C4	
RGPB3	APPACK10	A	07-388	C147	IXO	RGPB3	B21/C4	
RGPB3	APPACK11	A	07-413	C147	IXO	RGPB3	B22/C4	
RGPB3	APPACK12	A	07-438	C147	IXO	RGPB3	B23/C4	
RGPB3	APPACK13	A	07-463	C147	IXO	RGPB3	B24/C4	
RGPB3	APPACK14	A	07-488	C147	IXO	RGPB3	B25/C4	
RGPB3	APPACK15	A	07-513	C147	IXO	RGPB3	B26/C4	
RGPB3	APPACK16	A	07-538	C147	IXO	RGPB3	B27/C4	
RGPB3	APPACK17	A	07-563	C147	IXO	RGPB3	B28/C4	
RGPB3	APPACK18	A	07-588	C147	IXO	RGPB3	B29/C4	
RGPB3	APPACK19	A	07-613	C147	IXO	RGPB3	B30/C4	
RGPB4	COMDAC0	A	07-083	D146	IXO	RGPB4	B1/E4	
RGPB4	COMDAC1	A	07-108	D146	IXO	RGPB4	B6/D4	
RGPB4	APPACK0	A	07-133	C146	IXO	RGPB4	B11/C4	
RGPB4	APPACK1	A	07-158	C146	IXO	RGPB4	B12/C4	
RGPB4	APPACK2	A	07-183	C146	IXO	RGPB4	B13/C4	
RGPB4	APPACK3	A	07-208	C146	IXO	RGPB4	B14/C4	
RGPB4	APPACK4	A	07-233	C146	IXO	RGPB4	B15/C4	
RGPB4	APPACK5	A	07-258	C146	IXO	RGPB4	B16/C4	
RGPB4	APPACK6	A	07-283	C146	IXO	RGPB4	B17/C4	
RGPB4	APPACK7	A	07-308	C146	IXO	RGPB4	B18/C4	
RGPB4	APPACK8	A	07-338	C146	IXO	RGPB4	B19/C4	
RGPB4	APPACK9	A	07-363	C146	IXO	RGPB4	B20/C4	
RGPB4	APPACK10	A	07-388	C146	IXO	RGPB4	B21/C4	
RGPB4	APPACK11	A	07-413	C146	IXO	RGPB4	B22/C4	
RGPB4	APPACK12	A	07-438	C146	IXO	RGPB4	B23/C4	
RGPB4	APPACK13	A	07-463	C146	IXO	RGPB4	B24/C4	
RGPB4	APPACK14	A	07-488	C146	IXO	RGPB4	B25/C4	
RGPB4	APPACK15	A	07-513	C146	IXO	RGPB4	B26/C4	
RGPB4	APPACK16	A	07-538	C146	IXO	RGPB4	B27/C4	
RGPB4	APPACK17	A	07-563	C146	IXO	RGPB4	B28/C4	
RGPB4	APPACK18	A	07-588	C146	IXO	RGPB4	B29/C4	
RGPB4	APPACK19	A	07-613	C146	IXO	RGPB4	B30/C4	
RGPB5	COMDAC0	A	07-083	D145	IXO	RGPB5	B1/E4	
RGPB5	COMDAC1	A	07-108	D145	IXO	RGPB5	B6/E4	
RGPB5	APPACK0	A	07-133	C145	IXO	RGPB5	B11/C4	
RGPB5	APPACK1	A	07-158	C145	IXO	RGPB5	B12/C4	
RGPB5	APPACK2	A	07-183	C145	IXO	RGPB5	B13/C4	
RGPB5	APPACK3	A	07-208	C145	IXO	RGPB5	B14/C4	
RGPB5	APPACK4	A	07-233	C145	IXO	RGPB5	B15/C4	
RGPB5	APPACK5	A	07-258	C145	IXO	RGPB5	B16/C4	
RGPB5	APPACK6	A	07-283	C145	IXO	RGPB5	B17/C4	
RGPB5	APPACK7	A	07-308	C145	IXO	RGPB5	B18/C4	
RGPB5	APPACK8	A	07-338	C145	IXO	RGPB5	B19/C4	
RGPB5	APPACK9	A	07-363	C145	IXO	RGPB5	B20/C4	
RGPB5	APPACK10	A	07-388	C145	IXO	RGPB5	B21/C4	
RGPB5	APPACK11	A	07-413	C145	IXO	RGPB5	B22/C4	
RGPB5	APPACK12	A	07-438	C145	IXO	RGPB5	B23/C4	
RGPB5	APPACK13	A	07-463	C145	IXO	RGPB5	B24/C4	
RGPB5	APPACK14	A	07-488	C145	IXO	RGPB5	B25/C4	
RGPB5	APPACK15	A	07-513	C145	IXO	RGPB5	B26/C4	
RGPB5	APPACK16	A	07-538					

LEAD INDEX TABLE

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
SM5V0	COMDAC0	A	07-108	A103	IXO	SM5V1	B6/E2	
SM5V1	COMDAC0	A	07-083	A103	IXO	SM5V1	B1/E2	
SM5V1	COMDAC1	A	07-108	A104	IXO	SM5V0	B6/E4	
TGPB0	COMDAC0	A	07-083	E150	IXO	TGPB0T10	B1/D4	
TGPB0	COMDAC1	A	07-108	E150	IXO	TGPB0T10	B6/D4	
TGPB0	APPACK0	A	07-133	D150	IXO	TGPB0	B11/C4	
TGPB0	APPACK1	A	07-158	D149	IXO	TGPB1	B12/C4	
TGPB0	APPACK2	A	07-183	D150	IXO	TGPB0	B13/C4	
TGPB0	APPACK3	A	07-208	D149	IXO	TGPB1	B14/C4	
TGPB0	APPACK4	A	07-233	D150	IXO	TGPB0	B15/C4	
TGPB0	APPACK5	A	07-258	D149	IXO	TGPB1	B16/C4	
TGPB0	APPACK6	A	07-283	D150	IXO	TGPB0	B17/C4	
TGPB0	APPACK7	A	07-308	D149	IXO	TGPB1	B18/C4	
TGPB0	APPACK8	A	07-338	D150	IXO	TGPB0	B19/B4	
TGPB0	APPACK9	A	07-363	D149	IXO	TGPB1	B20/C4	
TGPB0	APPACK10	A	07-388	D150	IXO	TGPB0	B21/B4	
TGPB0	APPACK11	A	07-413	D149	IXO	TGPB1	B22/C4	
TGPB0	APPACK12	A	07-438	D150	IXO	TGPB0	B23/B4	
TGPB0	APPACK13	A	07-463	D149	IXO	TGPB1	B24/B4	
TGPB0	APPACK14	A	07-488	D150	IXO	TGPB0	B25/B4	
TGPB0	APPACK15	A	07-513	D149	IXO	TGPB1	B26/B4	
TGPB0	APPACK16	A	07-538	D150	IXO	TGPB0	B27/C4	
TGPB0	APPACK17	A	07-563	D149	IXO	TGPB1	B28/C4	
TGPB0	APPACK18	A	07-588	D150	IXO	TGPB0	B29/C4	
TGPB0	APPACK19	A	07-613	D149	IXO	TGPB1	B30/C4	
TGPB0	15_041		15-041-012	012	IXO	PIN	B1/D5	
TGPB1	COMDAC0	A	07-083	E149	IXO	TGPB1T11	B1/D4	
TGPB1	COMDAC1	A	07-108	E149	IXO	TGPB1T11	B6/D4	
TGPB1	APPACK0	A	07-133	D149	IXO	TGPB0	B11/C4	
TGPB1	APPACK1	A	07-158	D150	IXO	TGPB0	B12/B4	
TGPB1	APPACK2	A	07-183	D149	IXO	TGPB1	B13/C4	
TGPB1	APPACK3	A	07-208	D150	IXO	TGPB0	B14/C4	
TGPB1	APPACK4	A	07-233	D149	IXO	TGPB1	B15/C4	
TGPB1	APPACK5	A	07-258	D150	IXO	TGPB0	B16/C4	
TGPB1	APPACK6	A	07-283	D149	IXO	TGPB1	B17/C4	
TGPB1	APPACK7	A	07-308	D150	IXO	TGPB0	B18/B4	
TGPB1	APPACK8	A	07-338	D149	IXO	TGPB1	B19/C4	
TGPB1	APPACK9	A	07-363	D150	IXO	TGPB0	B20/C4	
TGPB1	APPACK10	A	07-388	D149	IXO	TGPB1	B21/B4	
TGPB1	APPACK11	A	07-413	D150	IXO	TGPB0	B22/B4	
TGPB1	APPACK12	A	07-438	D149	IXO	TGPB1	B23/B4	
TGPB1	APPACK13	A	07-463	D150	IXO	TGPB0	B24/B4	
TGPB1	APPACK14	A	07-488	D149	IXO	TGPB1	B25/C4	
TGPB1	APPACK15	A	07-513	D150	IXO	TGPB0	B26/B4	
TGPB1	APPACK16	A	07-538	D149	IXO	TGPB1	B27/C4	
TGPB1	APPACK17	A	07-563	D150	IXO	TGPB0	B28/C4	
TGPB1	APPACK18	A	07-588	D149	IXO	TGPB1	B29/C4	
TGPB1	APPACK19	A	07-613	D150	IXO	TGPB0	B30/C4	
TGPB1	15_041		15-041-011	011	IXO	PIN	B1/D5	
TGPB2	COMDAC0	A	07-083	E148	IXO	TGPB2	B1/D4	
TGPB2	COMDAC1	A	07-108	E148	IXO	TGPB2	B6/D4	
TGPB2	APPACK0	A	07-133	D148	IXO	TGPB2	B11/C4	
TGPB2	APPACK1	A	07-158	D148	IXO	TGPB2	B12/C4	
TGPB2	APPACK2	A	07-183	D148	IXO	TGPB2	B13/C4	
TGPB2	APPACK3	A	07-208	D148	IXO	TGPB2	B14/C4	
TGPB2	APPACK4	A	07-233	D148	IXO	TGPB2	B15/C4	
TGPB2	APPACK5	A	07-258	D148	IXO	TGPB2	B16/C4	
TGPB2	APPACK6	A	07-283	D148	IXO	TGPB2	B17/C4	
TGPB2	APPACK7	A	07-308	D148	IXO	TGPB2	B18/C4	
TGPB2	APPACK8	A	07-338	D148	IXO	TGPB2	B19/C4	
TGPB2	APPACK9	A	07-363	D148	IXO	TGPB2	B20/C4	
TGPB2	APPACK10	A	07-388	D148	IXO	TGPB2	B21/C4	
TGPB2	APPACK11	A	07-413	D148	IXO	TGPB2	B22/C4	
TGPB2	APPACK12	A	07-438	D148	IXO	TGPB2	B23/C4	
TGPB2	APPACK13	A	07-463	D148	IXO	TGPB2	B24/C4	
TGPB2	APPACK14	A	07-488	D148	IXO	TGPB2	B25/C4	
TGPB2	APPACK15	A	07-513	D148	IXO	TGPB2	B26/C4	
TGPB2	APPACK16	A	07-538	D148	IXO	TGPB2	B27/C4	
TGPB2	APPACK17	A	07-563	D148	IXO	TGPB2	B28/C4	
TGPB2	APPACK18	A	07-588	D148	IXO	TGPB2	B29/C4	
TGPB2	APPACK19	A	07-613	D148	IXO	TGPB2	B30/C4	
TGPB2	15_041		15-041-010	010	IXO	PIN	B1/D5	
TGPB3	COMDAC0	A	07-083	E147	IXO	TGPB3	B1/D4	
TGPB3	COMDAC1	A	07-108	E147	IXO	TGPB3	B6/D4	
TGPB3	APPACK0	A	07-133	D147	IXO	TGPB3	B11/C4	
TGPB3	APPACK1	A	07-158	D147	IXO	TGPB3	B12/C4	
TGPB3	APPACK2	A	07-183	D147	IXO	TGPB3	B13/C4	
TGPB3	APPACK3	A	07-208	D147	IXO	TGPB3	B14/C4	
TGPB3	APPACK4	A	07-233	D147	IXO	TGPB3	B15/C4	
TGPB3	APPACK5	A	07-258	D147	IXO	TGPB3	B16/C4	
TGPB3	APPACK6	A	07-283	D147	IXO	TGPB3	B17/C4	
TGPB3	APPACK7	A	07-308	D147	IXO	TGPB3	B18/C4	
TGPB3	APPACK8	A	07-338	D147	IXO	TGPB3	B19/C4	
TGPB3	APPACK9	A	07-363	D147	IXO	TGPB3	B20/C4	
TGPB3	APPACK10	A	07-388	D147	IXO	TGPB3	B21/C4	
TGPB3	APPACK11	A	07-413	D147	IXO	TGPB3	B22/C4	
TGPB3	APPACK12	A	07-438	D147	IXO	TGPB3	B23/C4	
TGPB3	APPACK13	A	07-463	D147	IXO	TGPB3	B24/C4	
TGPB3	APPACK14	A	07-488	D147	IXO	TGPB3	B25/C4	
TGPB3	APPACK15	A	07-513	D147	IXO	TGPB3	B26/C4	
TGPB3	APPACK16	A	07-538	D147	IXO	TGPB3	B27/C4	
TGPB3	APPACK17	A	07-563	D147	IXO	TGPB3	B28/C4	
TGPB3	APPACK18	A	07-588	D147	IXO	TGPB3	B29/C4	
TGPB3	APPACK19	A	07-613	D147	IXO	TGPB3	B30/C4	
TGPB4	COMDAC0	A	07-083	E146	IXO	TGPB4	B1/E4	
TGPB4	COMDAC1	A	07-108	E146	IXO	TGPB4	B6/E4	
TGPB4	APPACK0	A	07-133	D146	IXO	TGPB4	B11/C4	
TGPB4	APPACK1	A	07-158	D146	IXO	TGPB4	B12/C4	
TGPB4	APPACK2	A	07-183	D146	IXO	TGPB4	B13/C4	
TGPB4	APPACK3	A	07-208	D146	IXO	TGPB4	B14/C4	
TGPB4	APPACK4	A	07-233	D146	IXO	TGPB4	B15/C4	
TGPB4	APPACK5	A	07-258	D146	IXO	TGPB4	B16/C4	

LEAD INDEX								
NET	REF	ELI	EQL	PIN_NO	FN	TRMOD	LOC	XT
TGPB4	APPACK6	A	07-283	D146	IXO	TGPB4	B17/C4	
TGPB4	APPACK7	A	07-308	D146	IXO	TGPB4	B18/C4	
TGPB4	APPACK8	A	07-338	D146	IXO	TGPB4	B19/C4	
TGPB4	APPACK9	A	07-363	D146	IXO	TGPB4	B20/C4	
TGPB4	APPACK10	A	07-388	D146	IXO	TGPB4	B21/C4	
TGPB4	APPACK11	A	07-413	D146	IXO	TGPB4	B22/C4	
TGPB4	APPACK12	A	07-438	D146	IXO	TGPB4	B23/C4	
TGPB4	APPACK13	A	07-463	D146	IXO	TGPB4	B24/C4	
TGPB4	APPACK14	A	07-488	D146	IXO	TGPB4	B25/C4	
TGPB4	APPACK15	A	07-513	D146	IXO	TGPB4	B26/C4	
TGPB4	APPACK16	A	07-538	D146	IXO	TGPB4	B27/C4	
TGPB4	APPACK17	A	07-563	D146	IXO	TGPB4	B28/C4	
TGPB4	APPACK18	A	07-588	D146	IXO	TGPB4	B29/C4	
TGPB4	APPACK19	A	07-613	D146	IXO	TGPB4	B30/C4	
TGPB5	COMDAC0	A	07-083	E145	IXO	TGPB5	B1/E4	
TGPB5	COMDAC1	A	07-108	E145	IXO	TGPB5	B6/E4	
TGPB5	APPACK0	A	07-133	D145	IXO	TGPB5	B11/D4	
TGPB5	APPACK1	A	07-158	D145	IXO	TGPB5	B12/C4	
TGPB5	APPACK2	A	07-183	D145	IXO	TGPB5	B13/D4	
TGPB5	APPACK3	A	07-208	D145	IXO	TGPB5	B14/D4	
TGPB5	APPACK4	A	07-233	D145	IXO	TGPB5	B15/D4	
TGPB5	APPACK5	A	07-258	D145	IXO	TGPB5	B16/D4	
TGPB5	APPACK6	A	07-283	D145	IXO	TGPB5	B17/D4	
TGPB5	APPACK7	A	07-308	D145	IXO	TGPB5	B18/C4	
TGPB5	APPACK8	A	07-338	D145	IXO	TGPB5	B19/C4	
TGPB5	APPACK9	A	07-363	D145	IXO	TGPB5	B20/D4	
TGPB5	APPACK10	A	07-388	D145	IXO	TGPB5	B21/C4	
TGPB5	APPACK11	A	07-413	D145	IXO	TGPB5	B22/C4	
TGPB5	APPACK12	A	07-438	D145	IXO	TGPB5	B23/C4	
TGPB5	APPACK13	A	07-463	D145	IXO	TGPB5	B24/C4	
TGPB5	APPACK14	A	07-488	D145	IXO	TGPB5	B25/C4	
TGPB5	APPACK15	A	07-513	D145	IXO	TGPB5	B26/C4	
TGPB5	APPACK16	A	07-538	D145	IXO	TGPB5	B27/D4	
TGPB5	APPACK17	A	07-563	D145	IXO	TGPB5	B28/D4	
TGPB5	APPACK18	A	07-588	D145	IXO	TGPB5	B29/D4	
TGPB5	APPACK19	A	07-613	D145	IXO	TGPB5	B30/D4	
TMTB0	COMDAC0	A	07-083	A148	IXO	TMTB	B1/D4	
TMTB0	15_041		15-041-005	005	IXO	PIN	B1/C5	
TMTB0	15_041		15-041-008	008	IXO	PIN	B1/C5	
TMTB0	15_044		15-044-002	002	IXO	PIN	B1/D5	
TMTB1	COMDAC1	A	07-108	A148	IXO	TMTB	B6/D4	
TMTB1	15_041		15-041-002	002	IXO	PIN	B6/D4	
TMTB1	15_044		15-044-005	005	IXO	PIN	B6/C4	
TMTB1	15_044		15-044-008	008	IXO	PIN	B6/C4	
TRG0	COMDAC0	A	07-083	A156	IXO	TRG0A	B1/C2	
TRG0	COMDAC0	A	07-083	B156	IXO	TRG0B	B1/C2	
TRG0	COMDAC0	A	07-083	C156	IXO	TRG0C	B1/C2	
TRG0	COMDAC0	A	07-083	D156	IXO	TRG0D	B1/D2	
TRG0	COMDAC0	A	07-083	E156	IXO	TRG0E	B1/D2	
TRG0	COMDAC1	A	07-108	A156	IXO	TRG0A	B6/C2	
TRG0	COMDAC1	A	07-108	B156	IXO	TRG0B	B6/C2	
TRG0	COMDAC1	A	07-108	C156	IXO	TRG0C	B6/C2	
TRG0	COMDAC1	A	07-108	D156	IXO	TRG0D	B6/D2	
TRG0	COMDAC1	A	07-108	E156	IXO	TRG0E	B6/D2	
TRG0	APPACK0	A	07-133	B156	IXO	TRG0A	B11/B2	
TRG0	APPACK0	A	07-133	C156	IXO	TRG0B	B11/C2	
TRG0	APPACK1	A	07-158	B156	IXO	TRG0A	B12/B2	
TRG0	APPACK1	A	07-158	C156	IXO	TRG0B	B12/C2	
TRG0	APPACK2	A	07-183	B156	IXO	TRG0A	B13/B2	
TRG0	APPACK2	A	07-183	C156	IXO	TRG0B	B13/C2	
TRG0	APPACK3	A	07-208	B156	IXO	TRG0A	B14/B3	
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LEAD INDEX TABLE

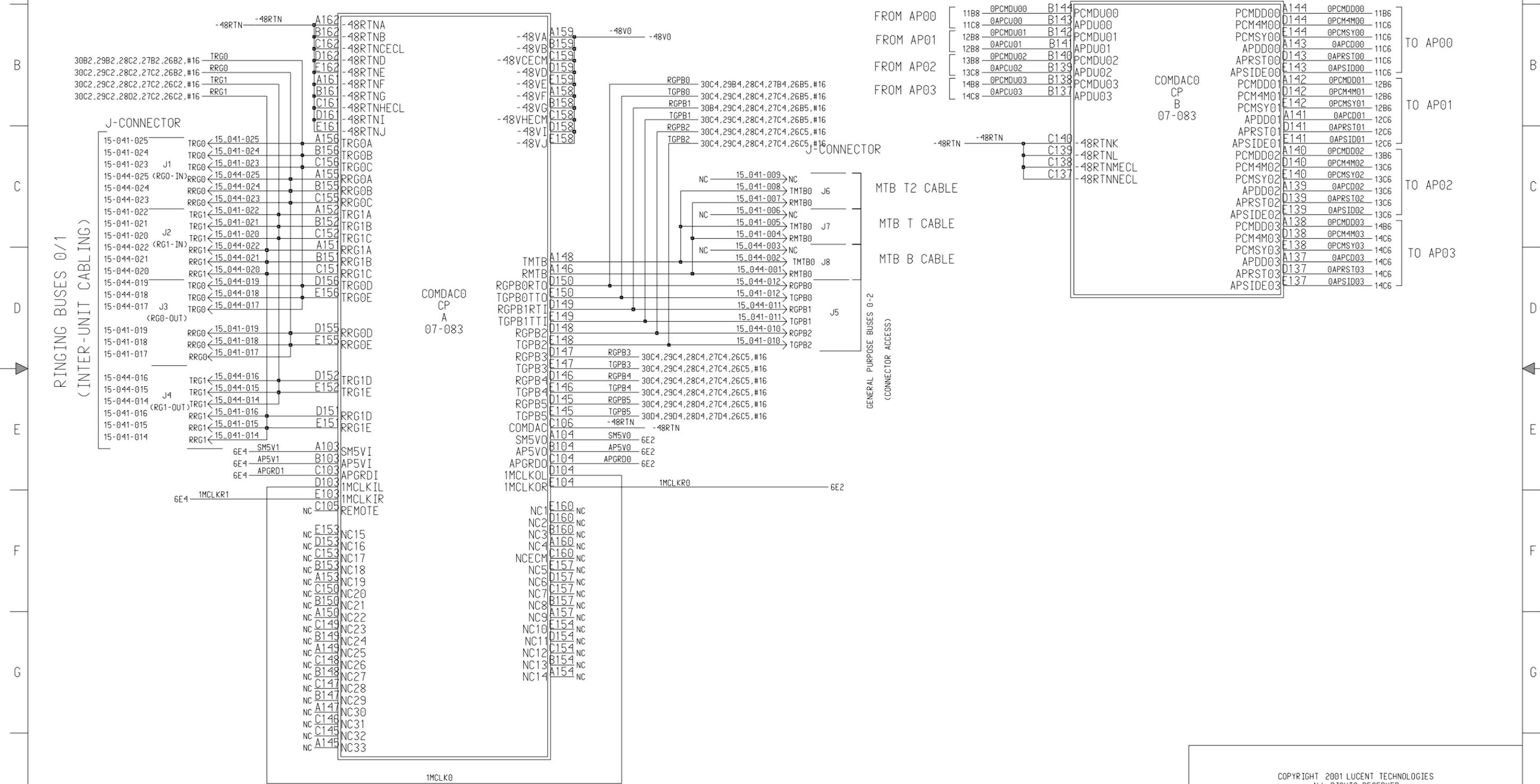
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UAD14	COMDAC0	N	07-083	C094	IXO	UAD14	B5/C3	
UAD14	COMDAC1	N	07-108	C094	IXO	UAD14	B10/D3	
UAD15	COMDAC0	N	07-083	A094	IXO	UAD15	B5/D3	
UAD15	COMDAC1	N	07-108	A094	IXO	UAD15	B10/D3	
UAD16	COMDAC0	N	07-083	E095	IXO	UAD16	B5/D3	
UAD16	COMDAC1	N	07-108	E095	IXO	UAD16	B10/D3	
UAD17	COMDAC0	N	07-083	D095	IXO	UAD17	B5/D3	
UAD17	COMDAC1	N	07-108	D095	IXO	UAD17	B10/D3	
UAD18	COMDAC0	N	07-083	C095	IXO	UAD18	B5/D3	
UAD18	COMDAC1	N	07-108	C095	IXO	UAD18	B10/D3	
UAD19	COMDAC0	N	07-083	B095	IXO	UAD19	B5/D3	
UAD19	COMDAC1	N	07-108	B095	IXO	UAD19	B10/D3	
UAD20	COMDAC0	N	07-083	A095	IXO	UAD20	B5/D3	
UAD20	COMDAC1	N	07-108	A095	IXO	UAD20	B10/D3	
UAD21	COMDAC0	N	07-083	E096	IXO	UAD21	B5/D3	
UAD21	COMDAC1	N	07-108	E096	IXO	UAD21	B10/D3	
UAD22	COMDAC0	N	07-083	C096	IXO	UAD22	B5/D3	
UAD22	COMDAC1	N	07-108	C096	IXO	UAD22	B10/D3	
UAD23	COMDAC0	N	07-083	A096	IXO	UAD23	B5/D3	
UAD23	COMDAC1	N	07-108	A096	IXO	UAD23	B10/D3	
UAD24	COMDAC0	N	07-083	E097	IXO	UAD24	B5/D3	
UAD24	COMDAC1	N	07-108	E097	IXO	UAD24	B10/D3	
UAD25	COMDAC0	N	07-083	D097	IXO	UAD25	B5/D3	
UAD25	COMDAC1	N	07-108	D097	IXO	UAD25	B10/E3	
UAD26	COMDAC0	N	07-083	C097	IXO	UAD26	B5/E3	
UAD26	COMDAC1	N	07-108	C097	IXO	UAD26	B10/E3	
UAD27	COMDAC0	N	07-083	B097	IXO	UAD27	B5/E3	
UAD27	COMDAC1	N	07-108	B097	IXO	UAD27	B10/E3	
UAD28	COMDAC0	N	07-083	A097	IXO	UAD28	B5/E3	
UAD28	COMDAC1	N	07-108	A097	IXO	UAD28	B10/E3	
UAD29	COMDAC0	N	07-083	E098	IXO	UAD29	B5/E3	
UAD29	COMDAC1	N	07-108	E098	IXO	UAD29	B10/E3	
UAD30	COMDAC0	N	07-083	C098	IXO	UAD30	B5/E3	
UAD30	COMDAC1	N	07-108	C098	IXO	UAD30	B10/E3	
UAD31	COMDAC0	N	07-083	A098	IXO	UAD31	B5/E3	
UAD31	COMDAC1	N	07-108	A098	IXO	UAD31	B10/E3	
UCSTRTN	COMDAC0	N	07-083	A099	IXO	UCSTRTN	B5/B3	
UCSTRTN	COMDAC1	N	07-108	A099	IXO	UCSTRTN	B10/B3	
UDSN	COMDAC0	N	07-083	B100	IXO	UDSN	B5/A3	
UDSN	COMDAC1	N	07-108	B100	IXO	UDSN	B10/A3	
UPTY0	COMDAC0	N	07-083	E099	IXO	UPTY0	B5/B3	
UPTY0	COMDAC1	N	07-108	E099	IXO	UPTY0	B10/B3	
UPTY1	COMDAC0	N	07-083	D099	IXO	UPTY1	B5/B3	
UPTY1	COMDAC1	N	07-108	D099	IXO	UPTY1	B10/B3	
UPTY2	COMDAC0	N	07-083	C099	IXO	UPTY2	B5/B3	
UPTY2	COMDAC1	N	07-108	C099	IXO	UPTY2	B10/B3	
UPTY3	COMDAC0	N	07-083	B099	IXO	UPTY3	B5/B3	
UPTY3	COMDAC1	N	07-108	B099	IXO	UPTY3	B10/B3	
USF1	COMDAC0	N	07-083	A102	IXO	USF1	B5/A3	
USF1	COMDAC1	N	07-108	A102	IXO	USF1	B10/A3	
USIZ0	COMDAC0	N	07-083	A087	IXO	USIZ0	B5/A3	
USIZ0	COMDAC1	N	07-108	A087	IXO	USIZ0	B10/A3	
USIZ1	COMDAC0	N	07-083	A090	IXO	USIZ1	B5/A3	
USIZ1	COMDAC1	N	07-108	A090	IXO	USIZ1	B10/B3	
UWAIT	COMDAC0	N	07-083	B101	IXO	UWAIT	B5/A3	
UWAIT	COMDAC1	N	07-108	B101	IXO	UWAIT	B10/A3	
UWRN	COMDAC0	N	07-083	A101	IXO	UWRN	B5/A3	
UWRN	COMDAC1	N	07-108	A101	IXO	UWRN	B10/A3	

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ACCESS INTERFACE UNIT <AIU>	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET A18

COMDAC 0

RINGING AND GENERAL PURPOSE BUSES

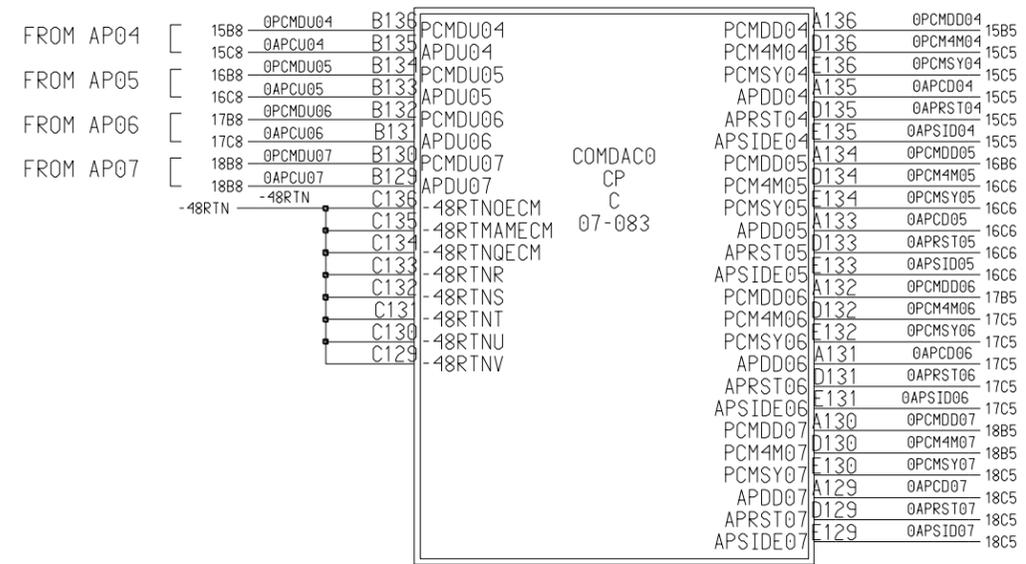
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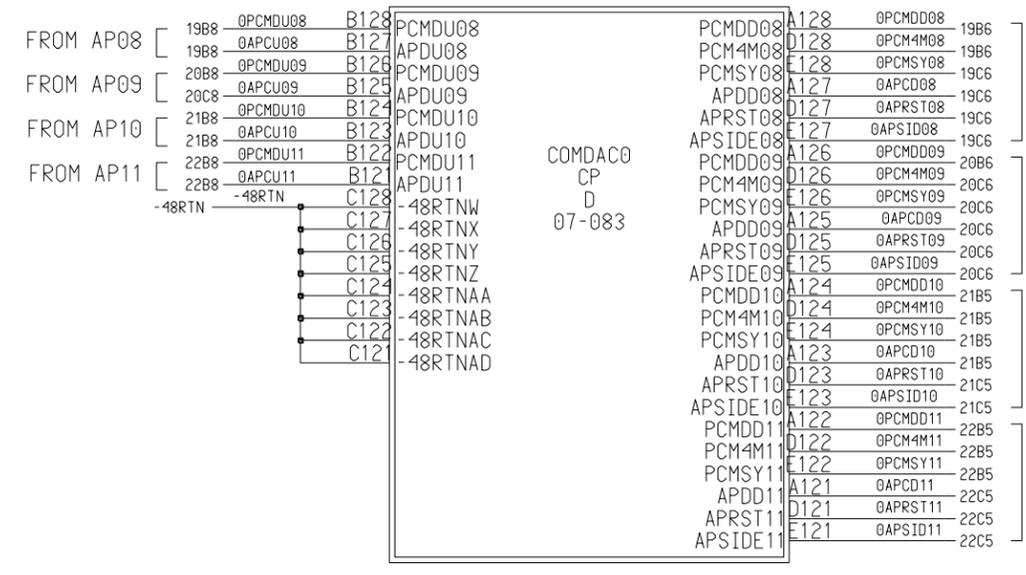
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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B1

COMDAC 0

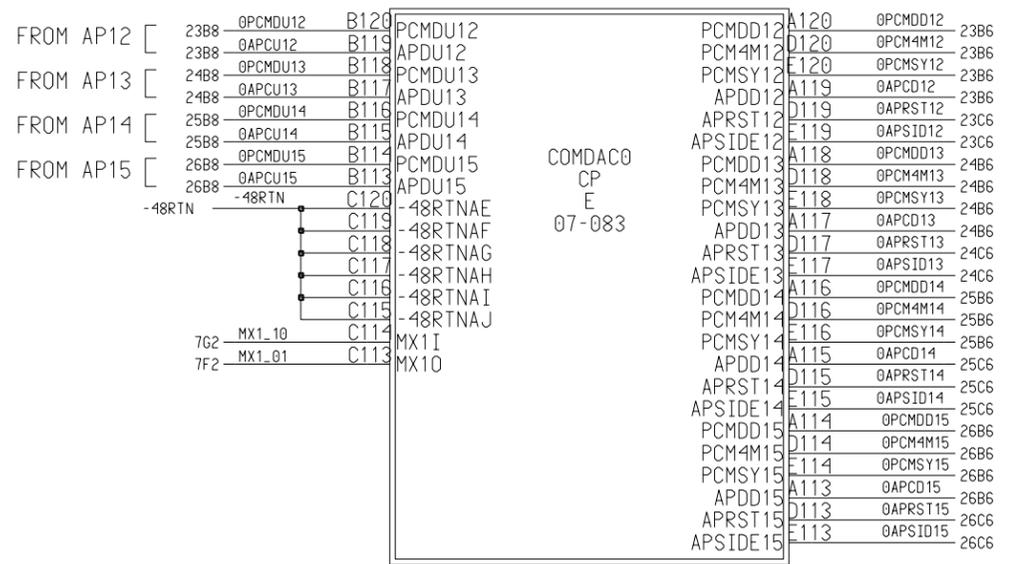
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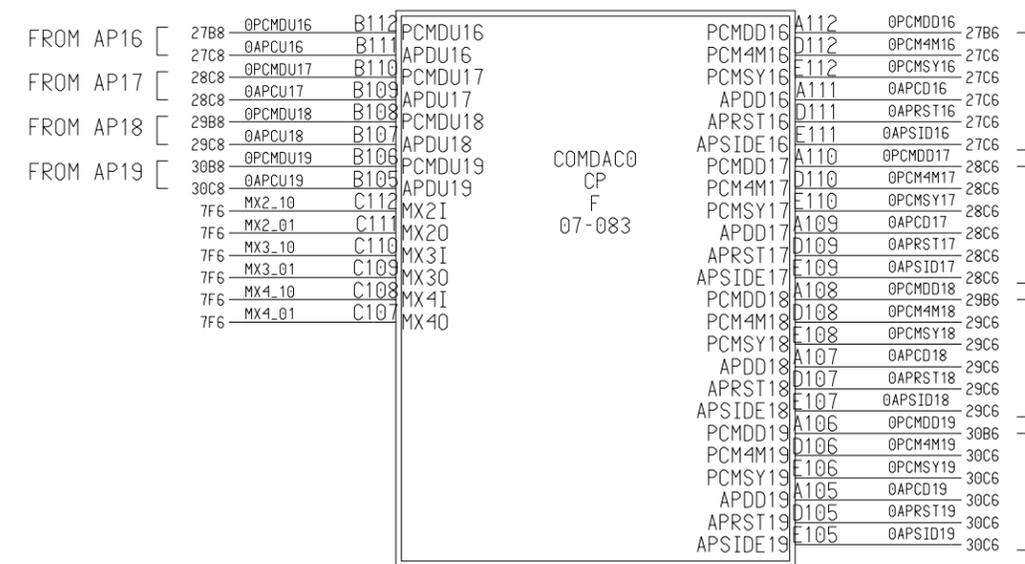
TO AP04
 TO AP05
 TO AP06
 TO AP07



TO AP08
 TO AP09
 TO AP10
 TO AP11



TO AP12
 TO AP13
 TO AP14
 TO AP15



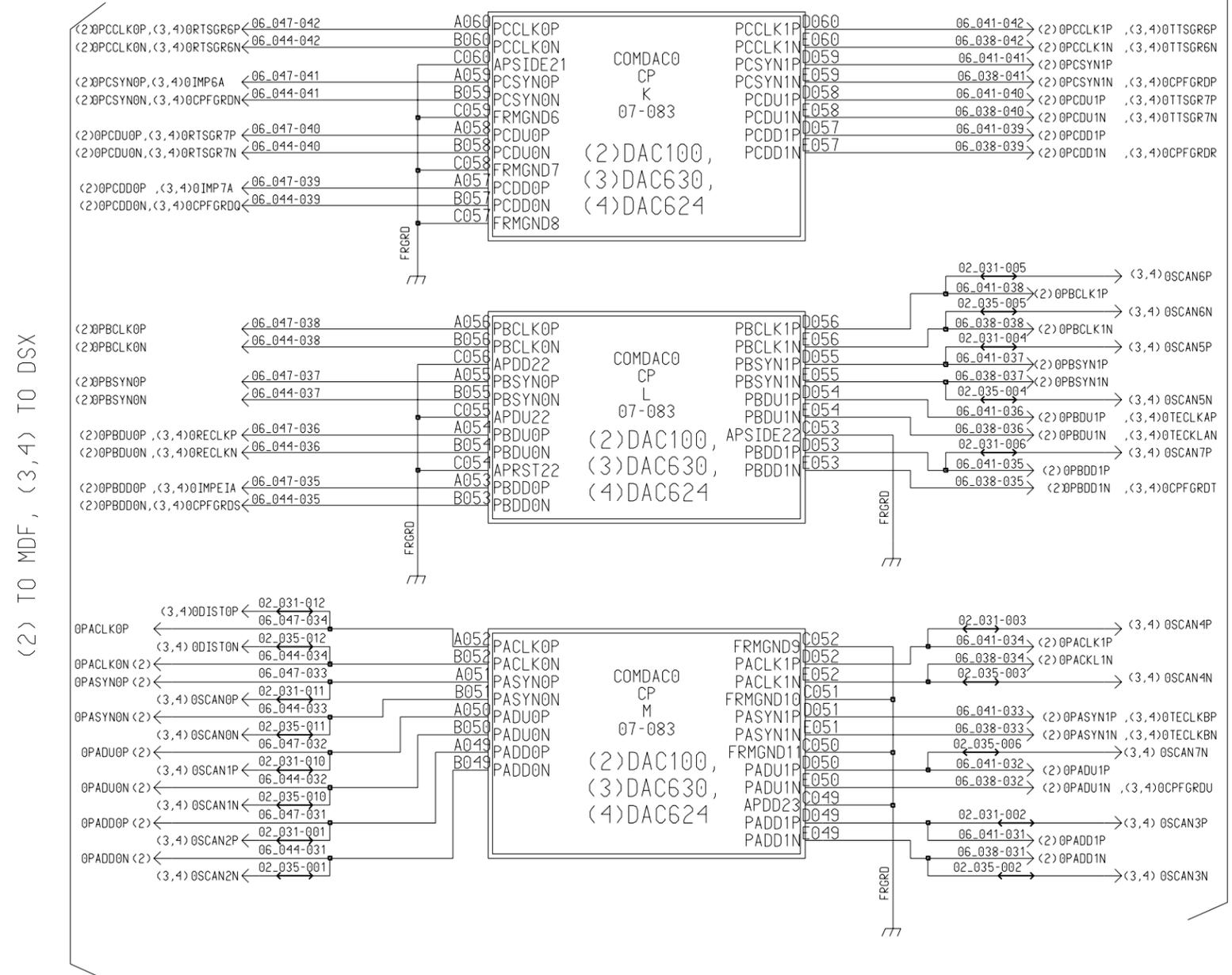
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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B2

COMDAC 0

PERIPHERAL INTERFACE DATA BUS (PIDB)

1. ALL FRGRD** IN CIRCUIT PACKS ARE CONNECTED TOGETHER. FRGRD'S WERE NUMBERED 0-40 DUE TO TOOL CONSTRAINTS.

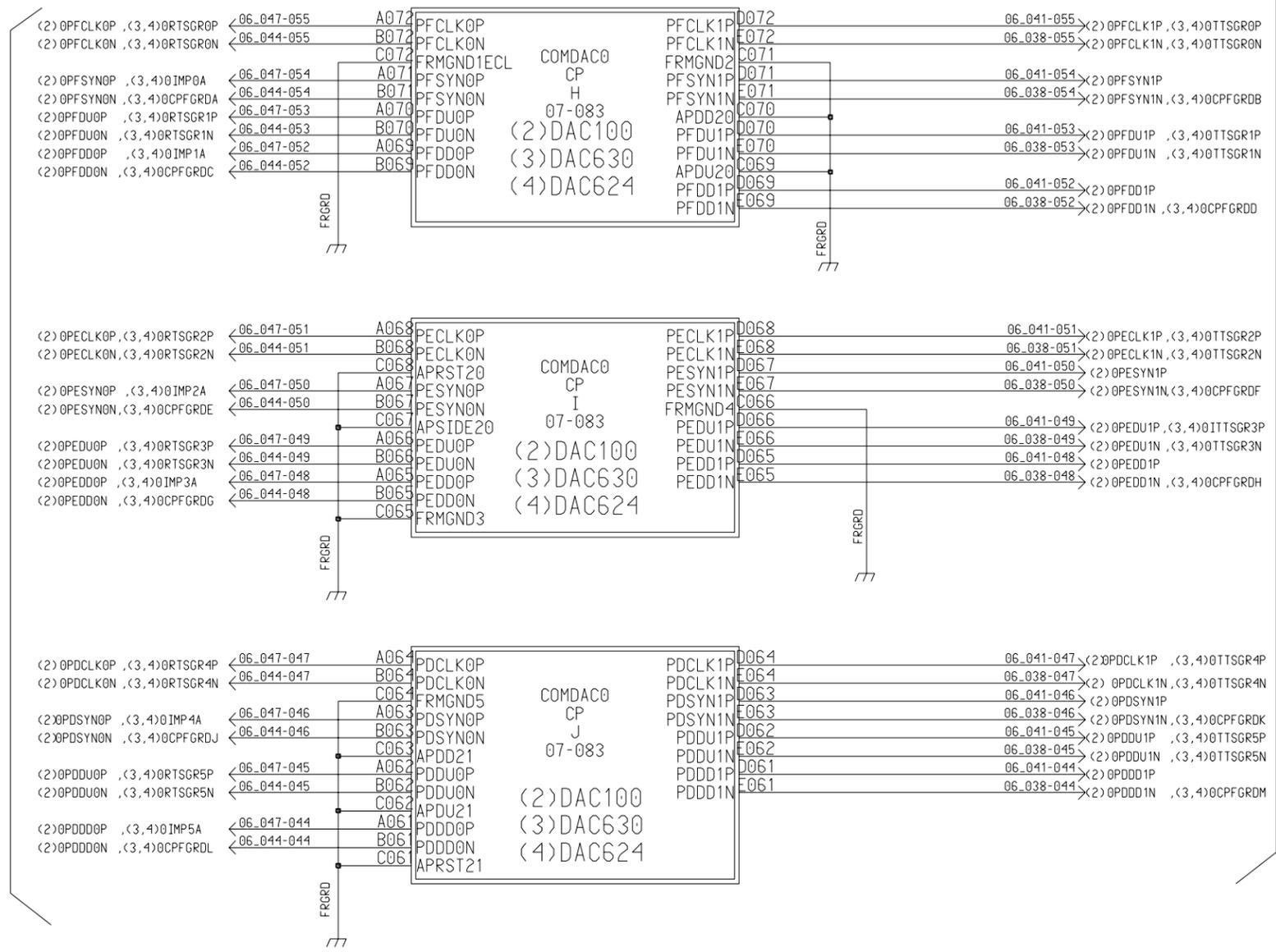


(2) TO MDF, (3,4) TO DSX

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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B3

COMDAC 0

PIDB

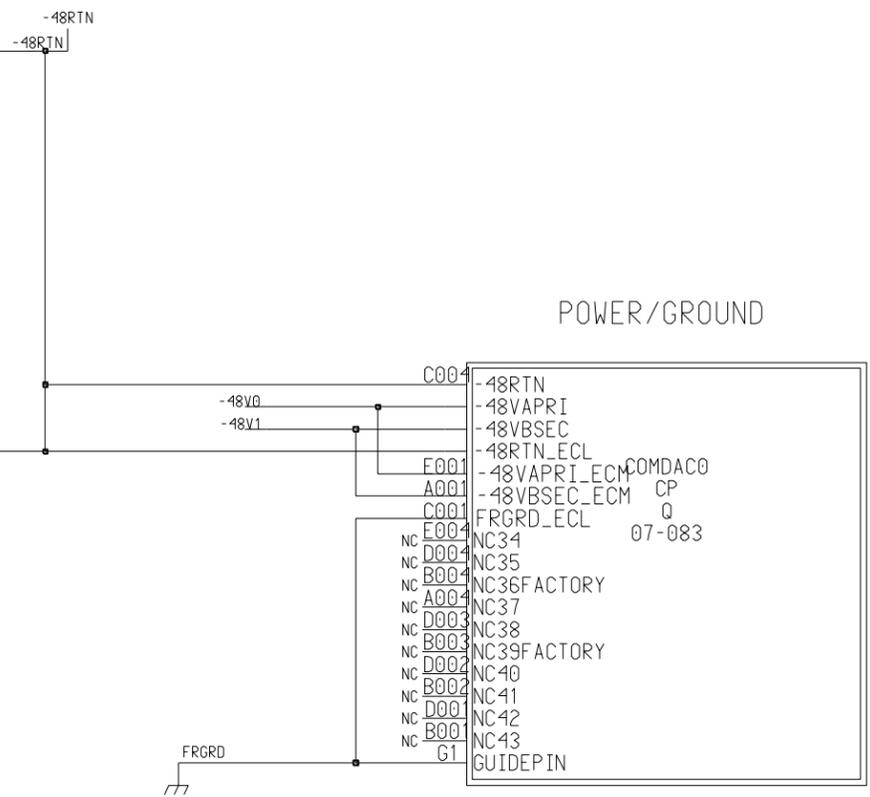
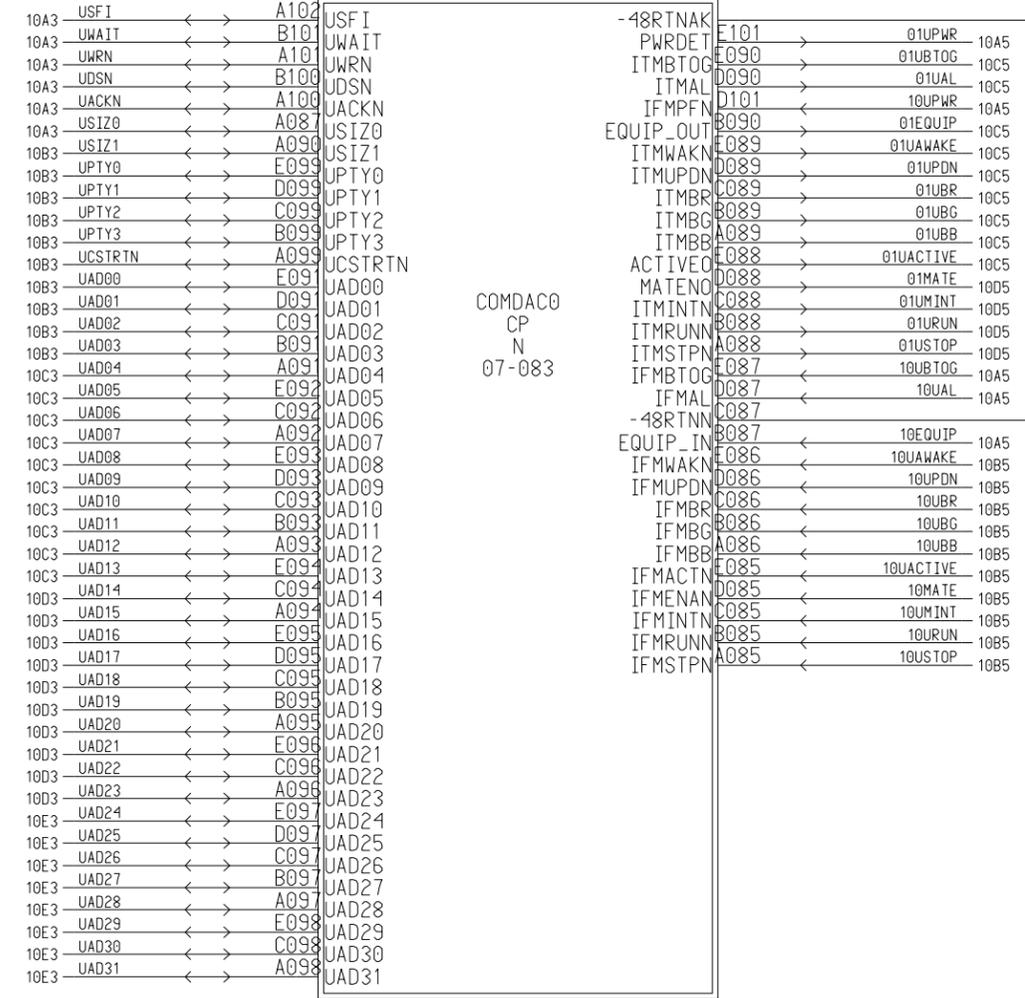


(2) TO MDF, (3,4) TO DSX

(2) TO MDF, (3,4) TO DSX

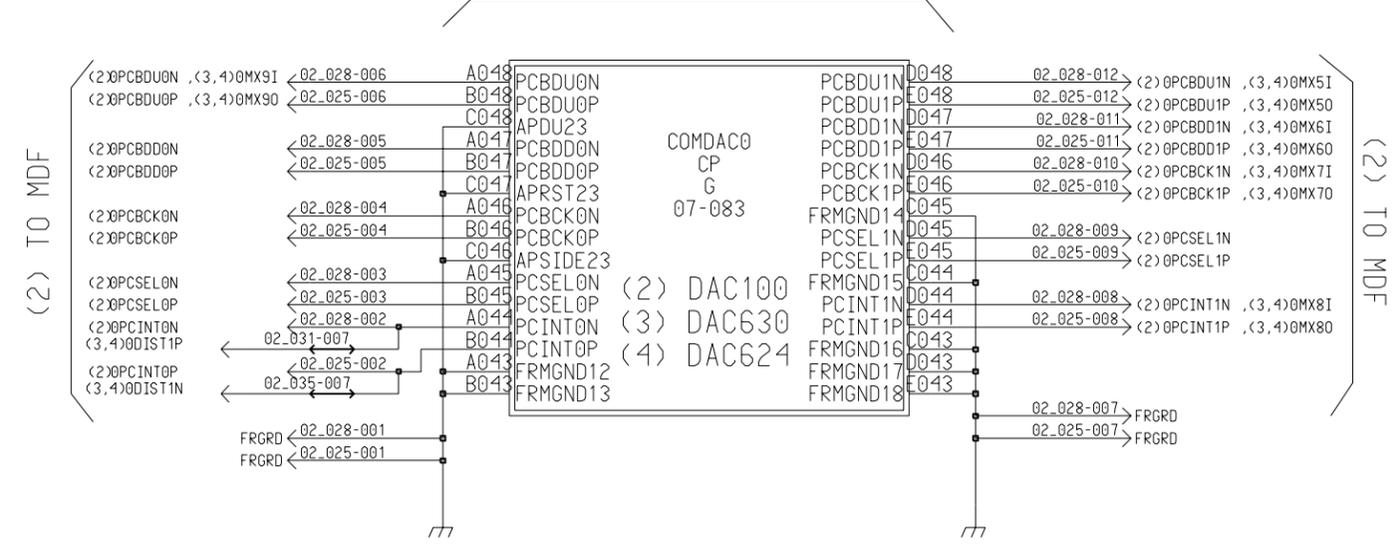
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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B4

MATE UPDATE BUS COMDAC



NOTE: COMPLETE LISTING OF TERMINALS ON NETS NOT SHOWING PIN NUMBERS ARE SHOWN IN THE LEAD INDEX.

PERIPHERAL INTERFACE CONTROL BUS (PICB)

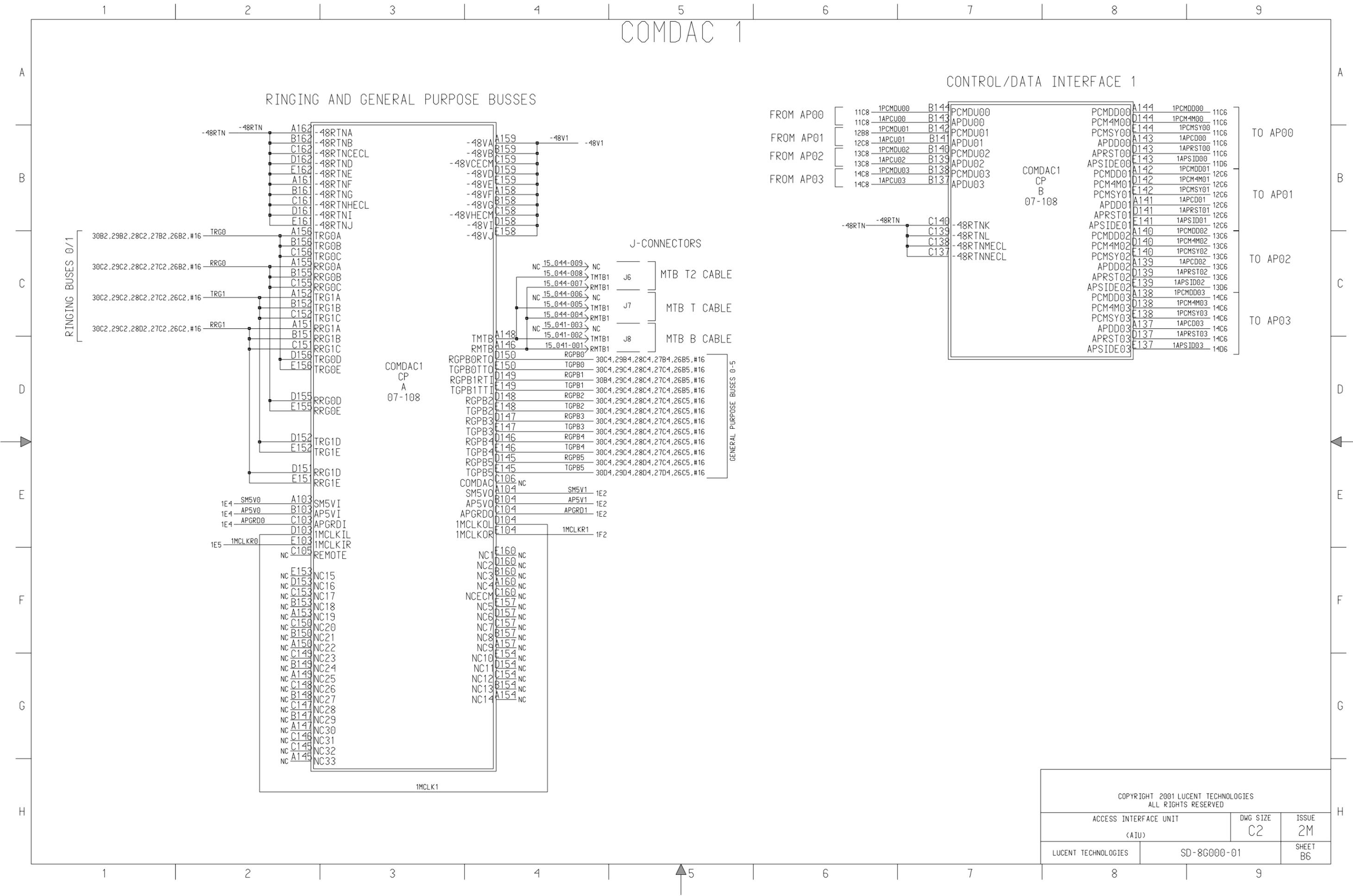


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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B5

COMDAC 1

RINGING AND GENERAL PURPOSE BUSES

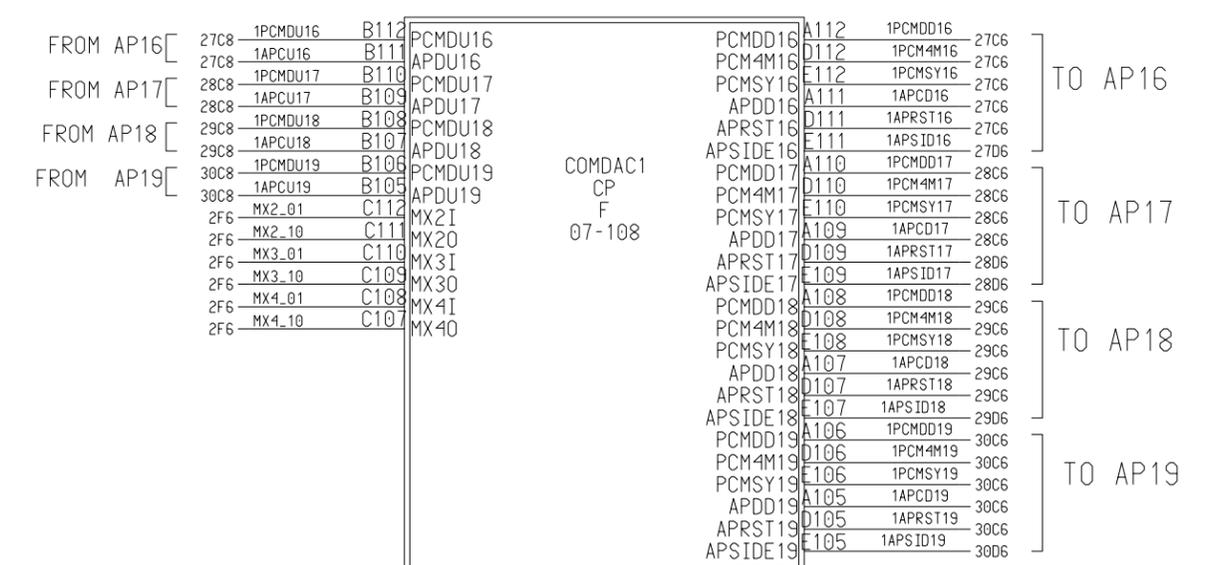
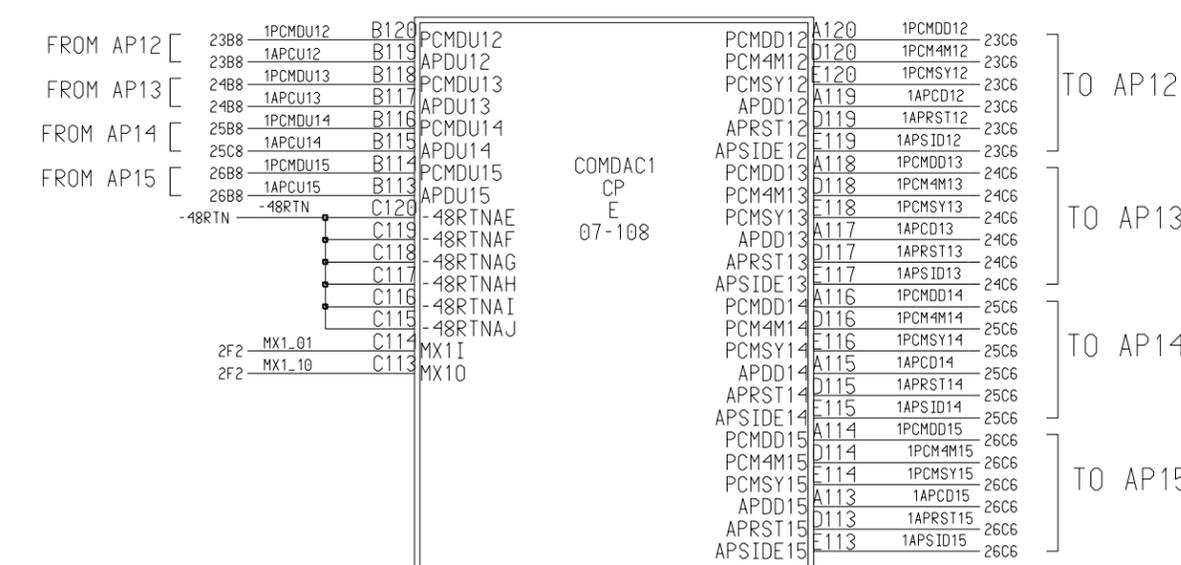
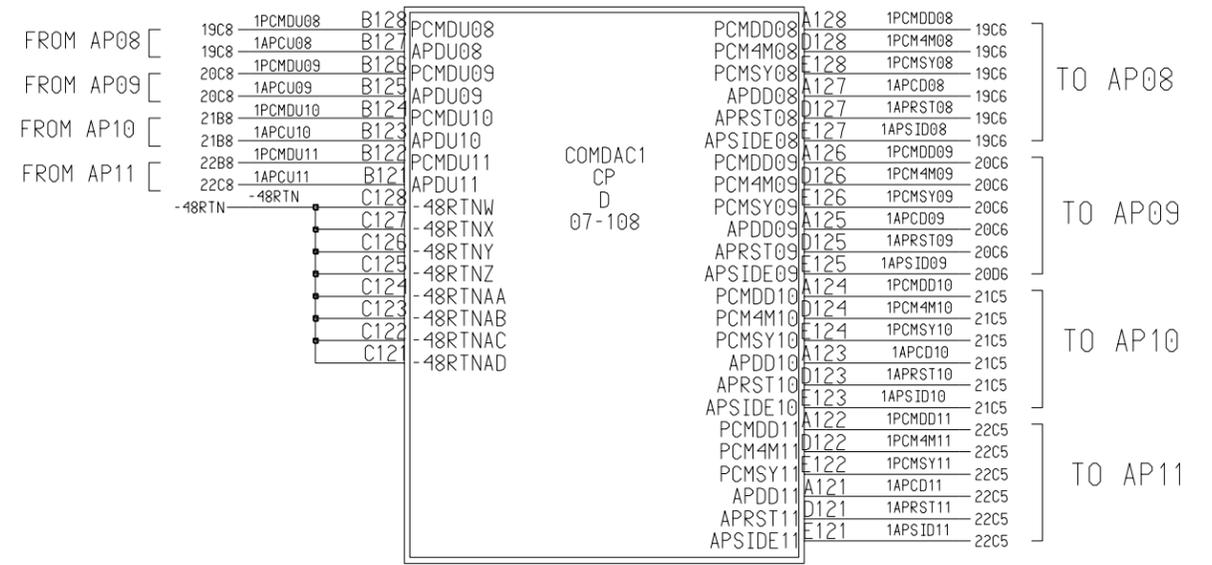
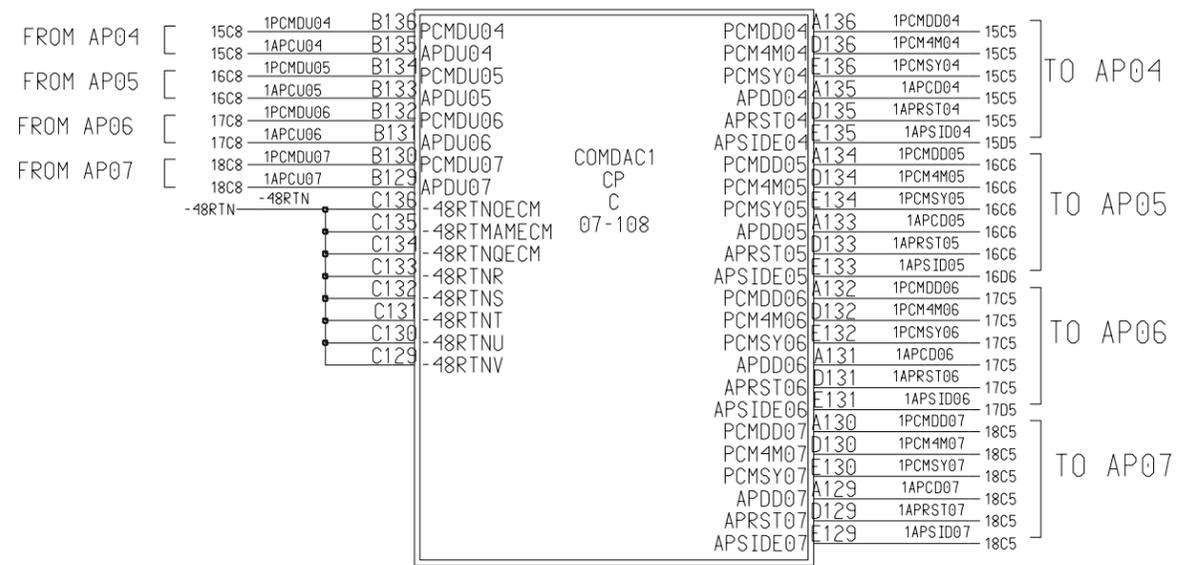
CONTROL/DATA INTERFACE 1



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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B6

COMDAC 1

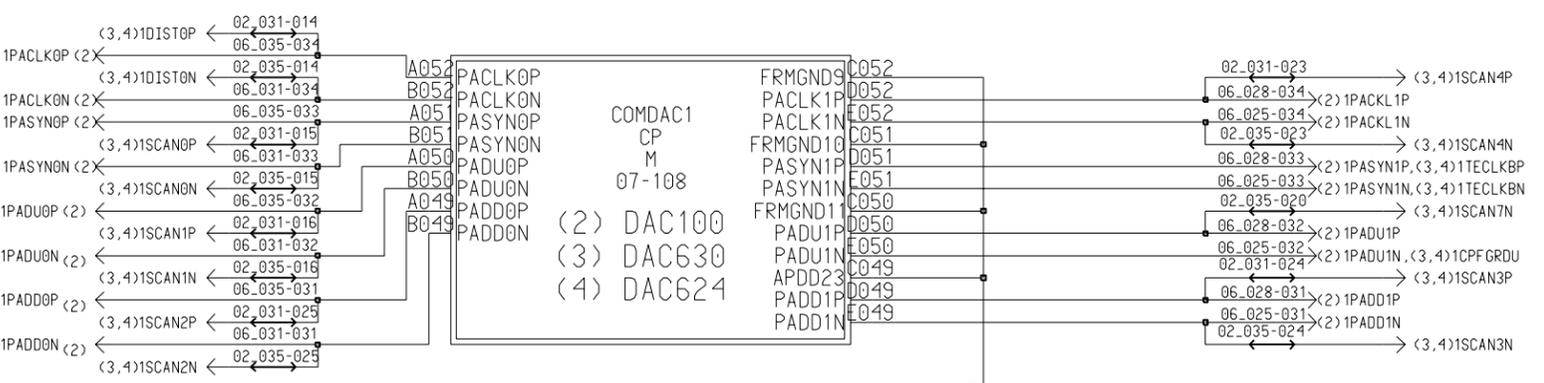
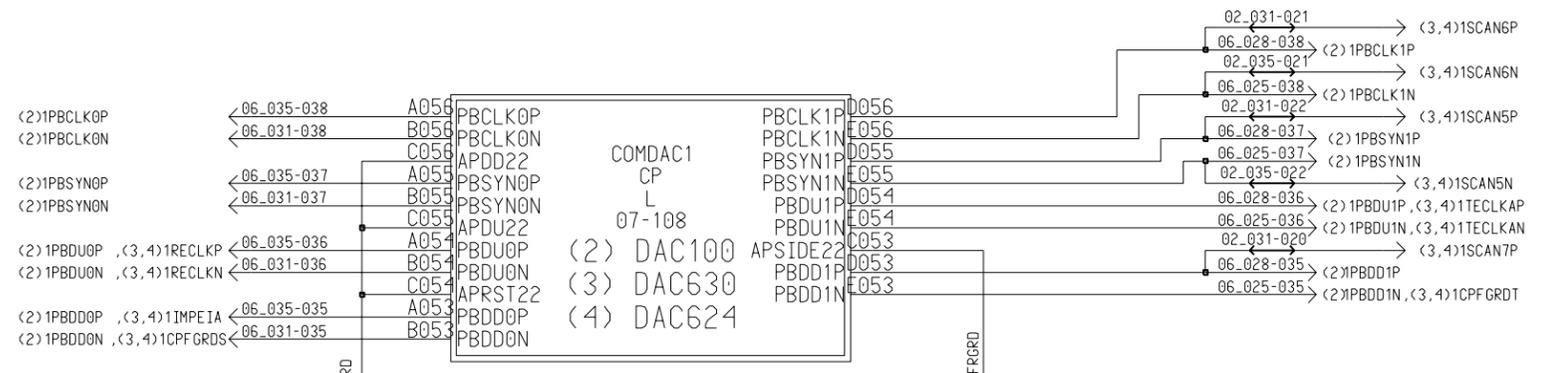
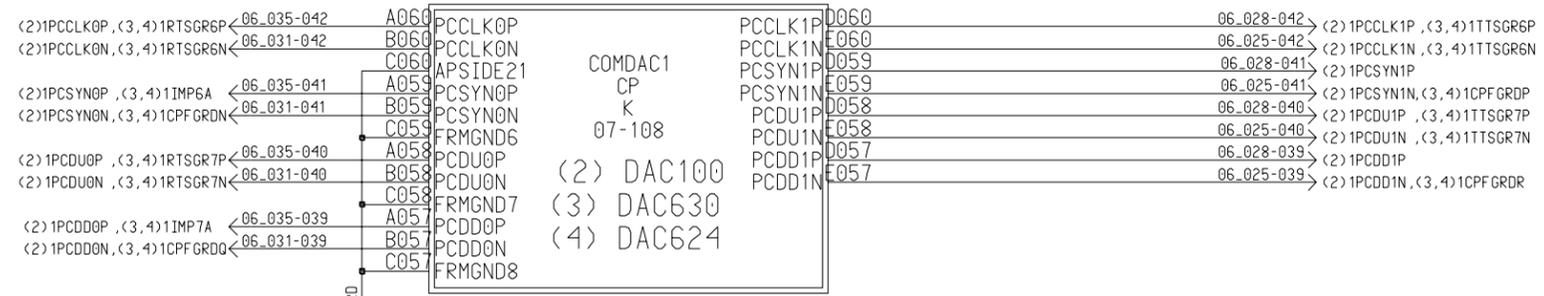
CONTROL/DATA INTERFACE 1



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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B7

COMDAC 1

PERIPHERAL INTERFACE DATA BUS (PIDB)



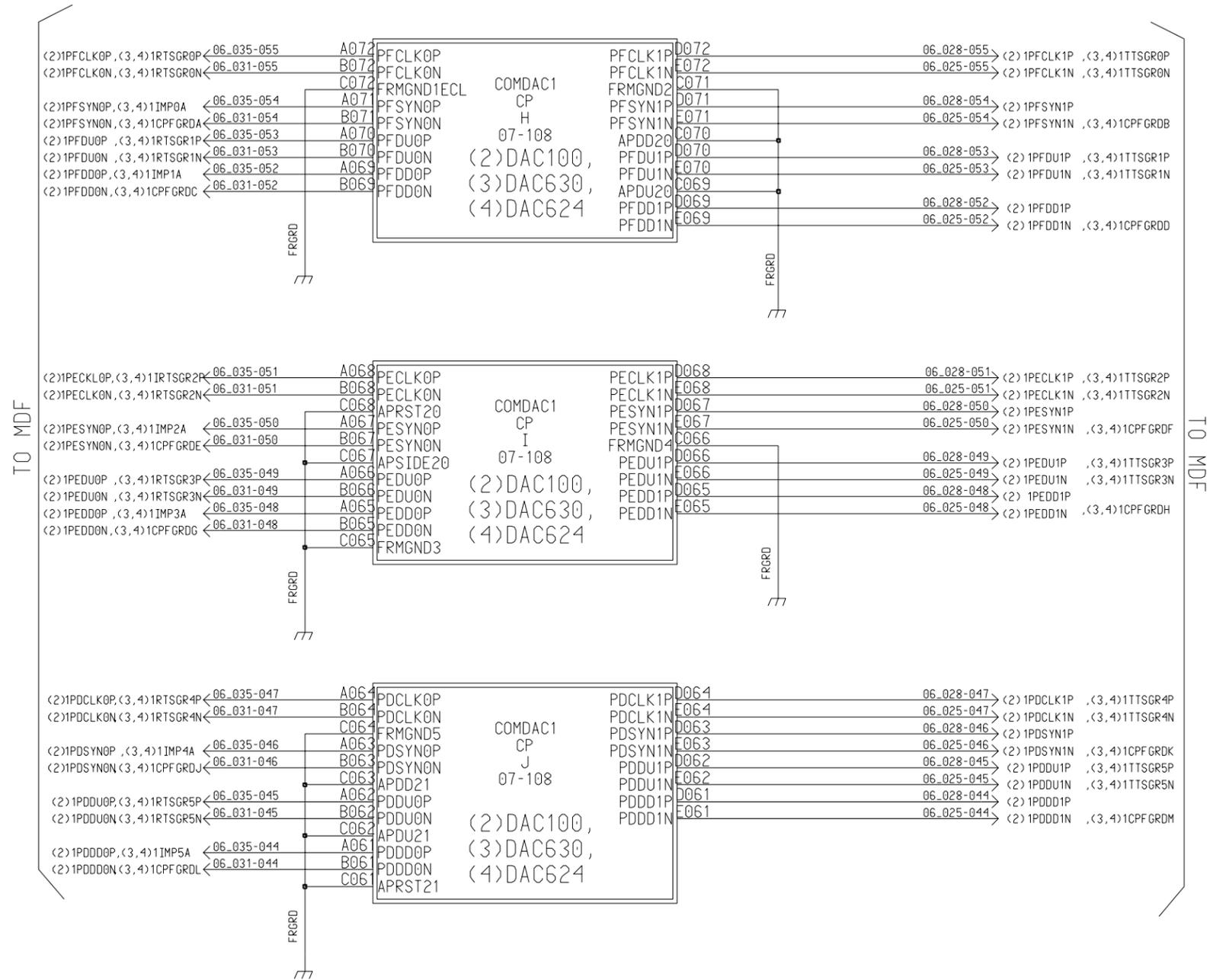
(2) TO MDF, (3,4) TO DSX

(2) TO MDF, (3,4) TO DSX

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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
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COMDAC 1

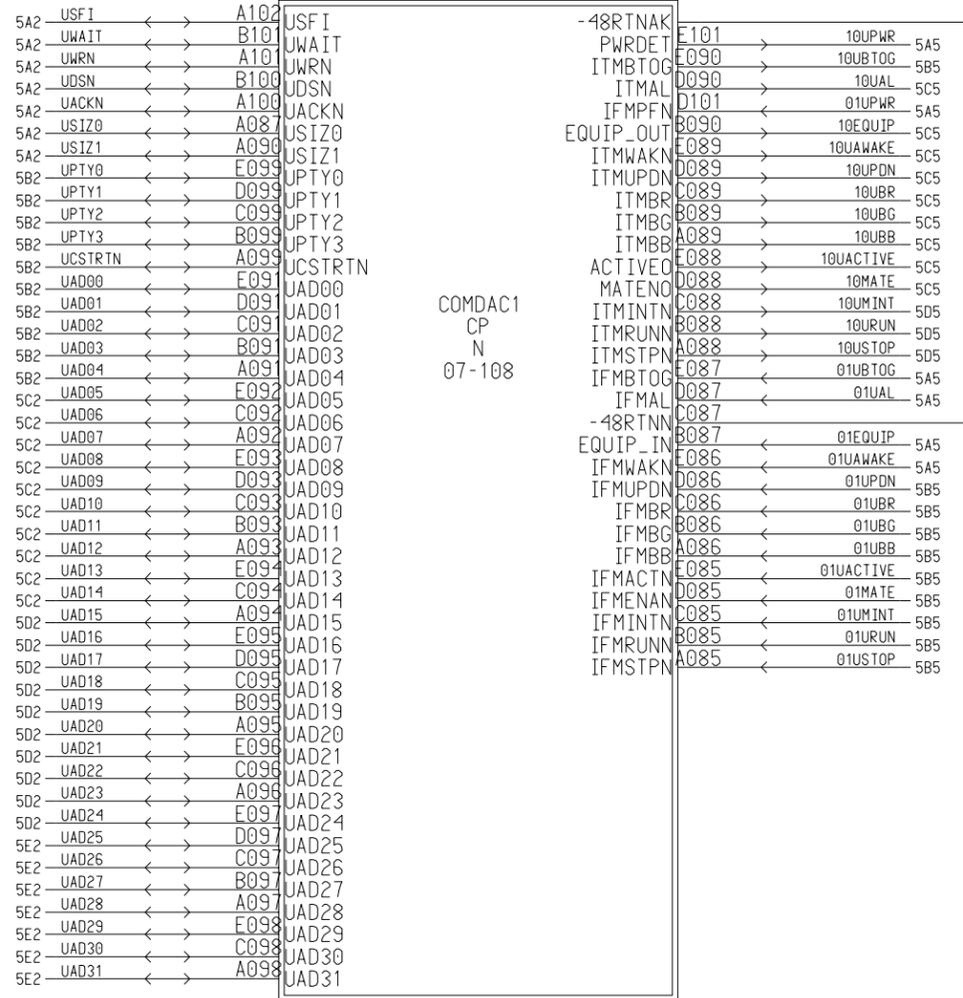
PERIPHERAL INTERFACE DATA BUS (PIDB)



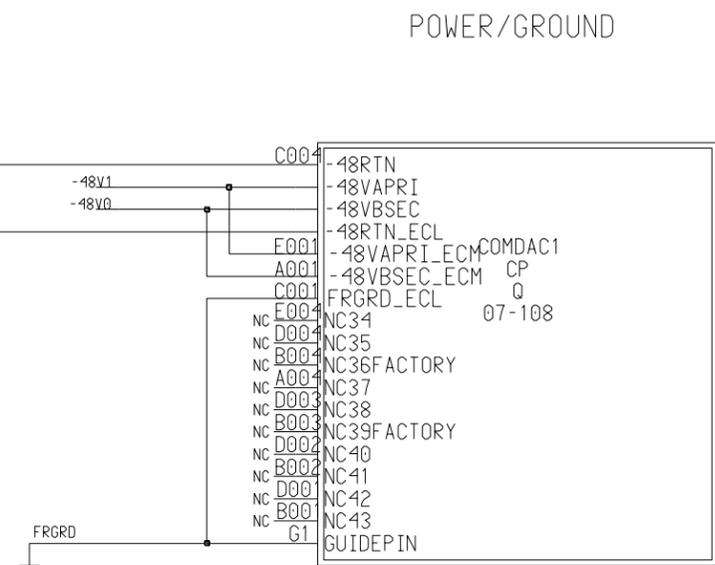
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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B9

MATE UPDATE BUS COMDAC 1

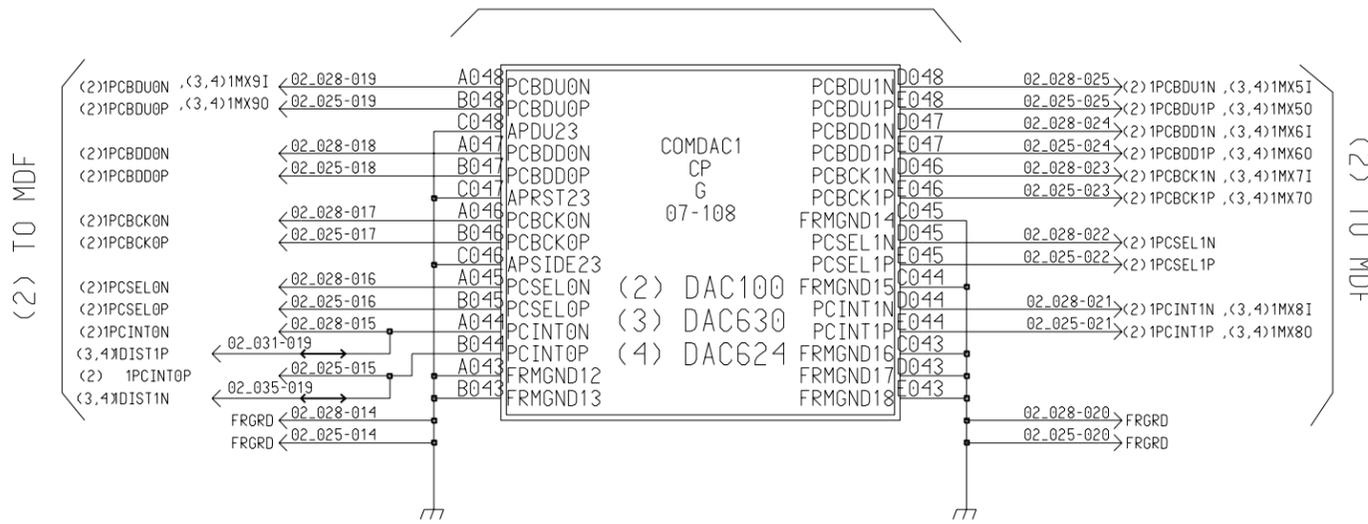


COMDAC1
CP
N
07-108



NOTE: COMPLETE LISTING OF TERMINALS ON NETS NOT SHOWING PIN NUMBERS ARE SHOWN IN THE LEAD INDEX.

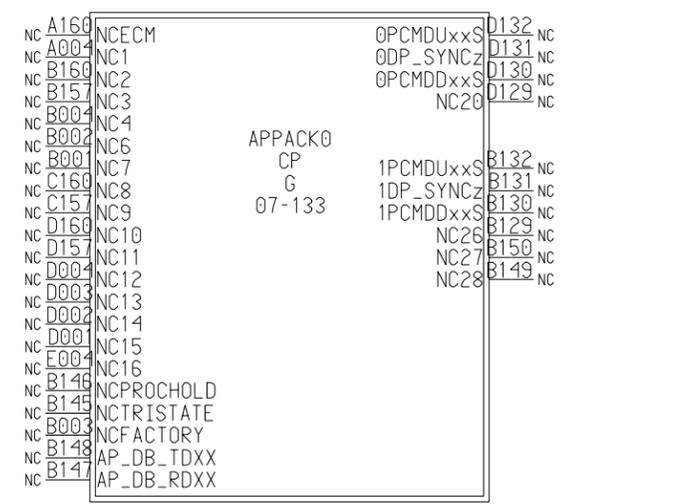
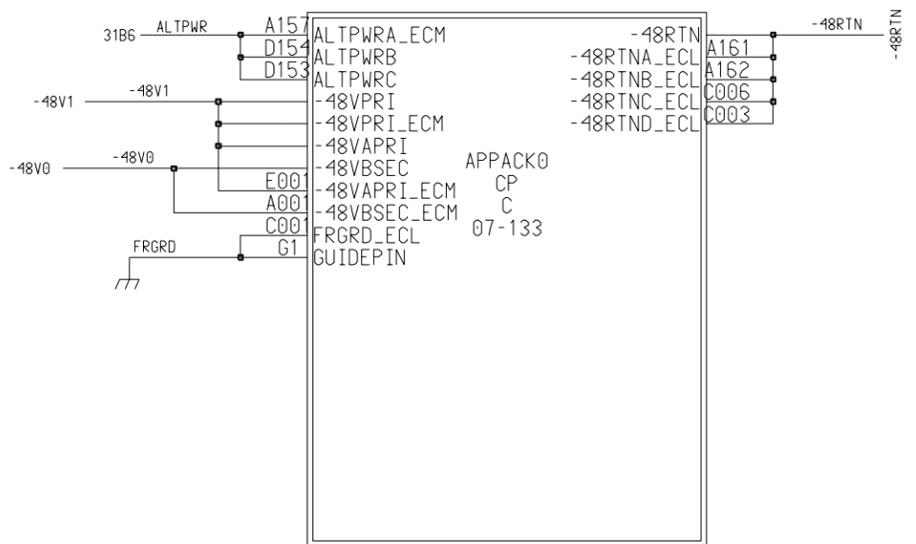
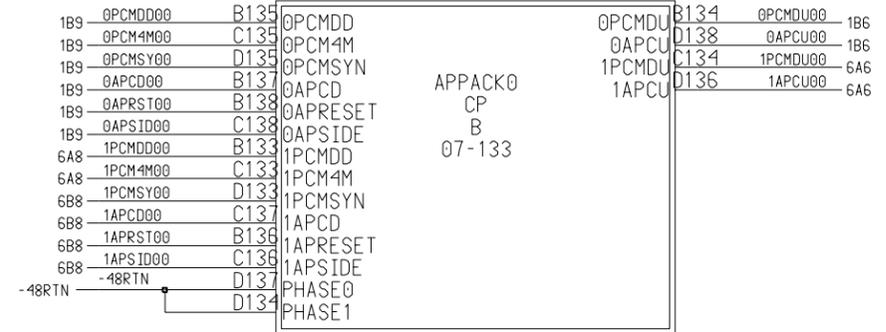
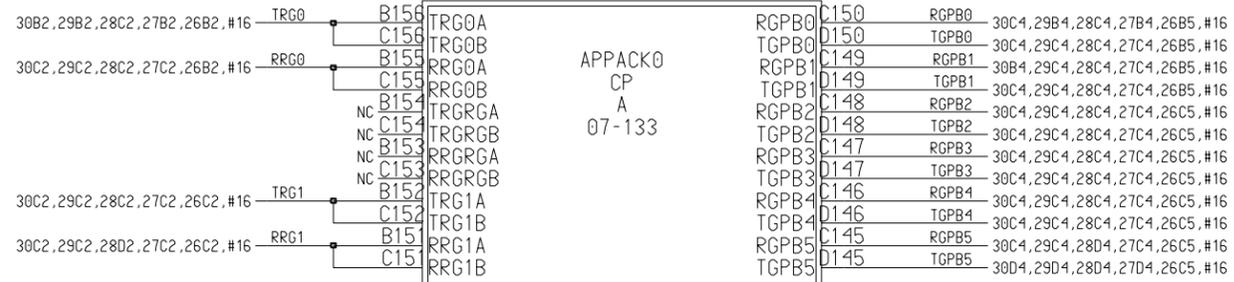
PERIPHERAL INTERFACE CONTROL BUS (PICB)



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APPLICATION PACK 0

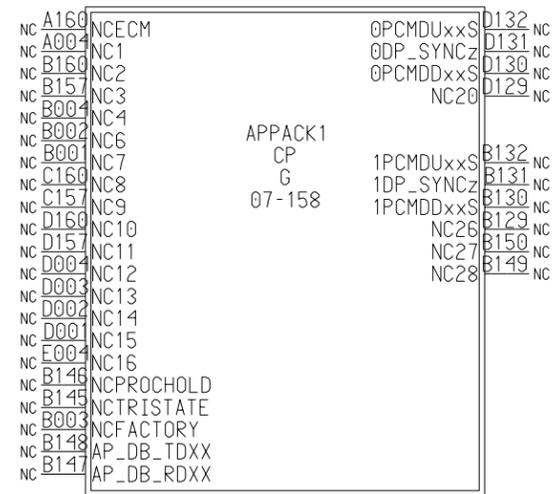
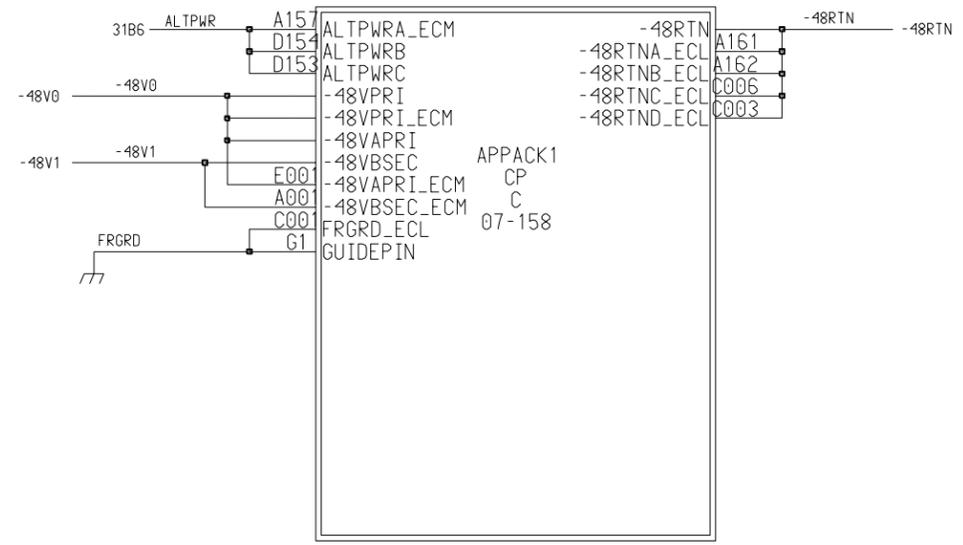
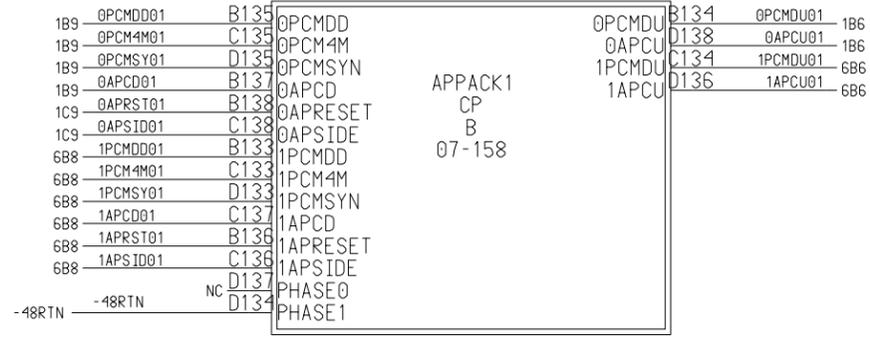
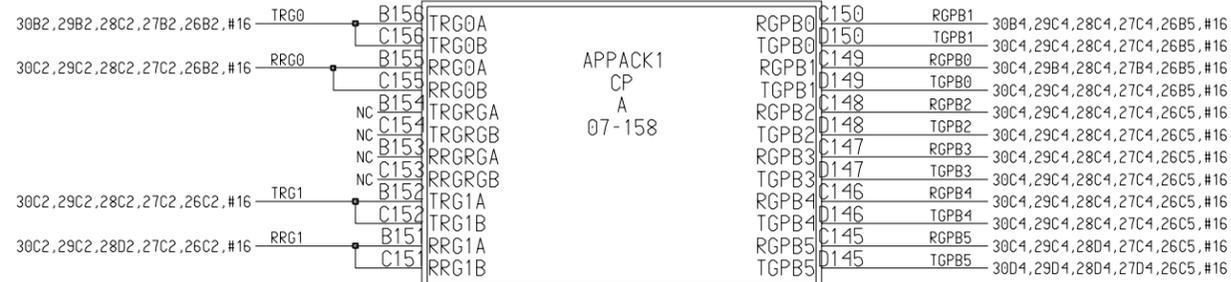
RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



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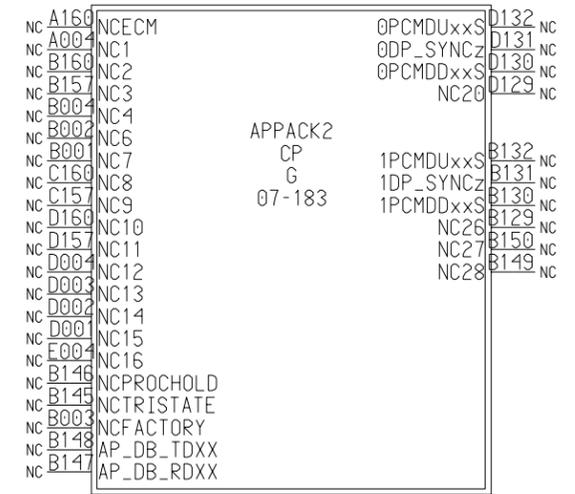
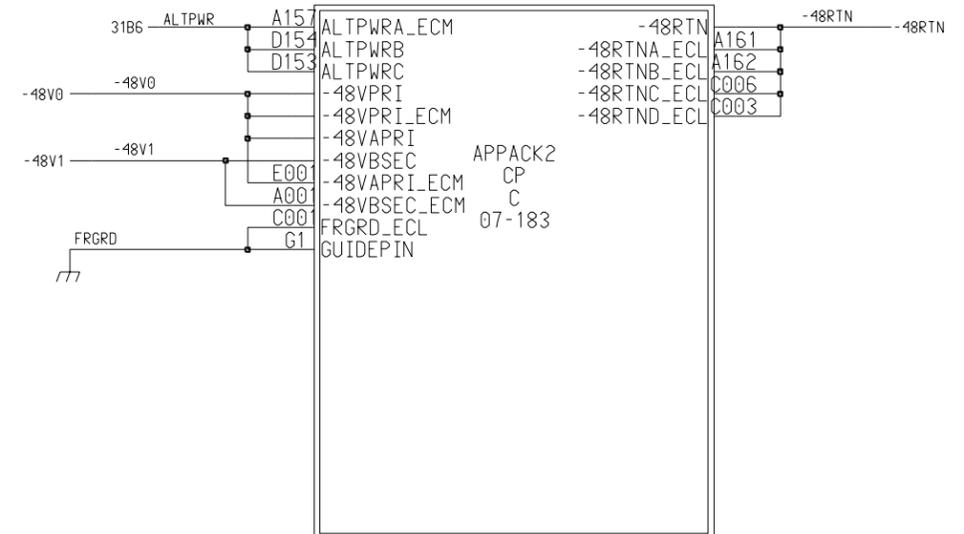
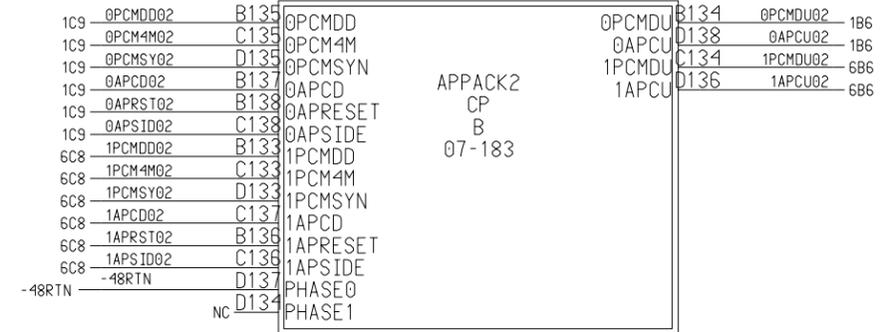
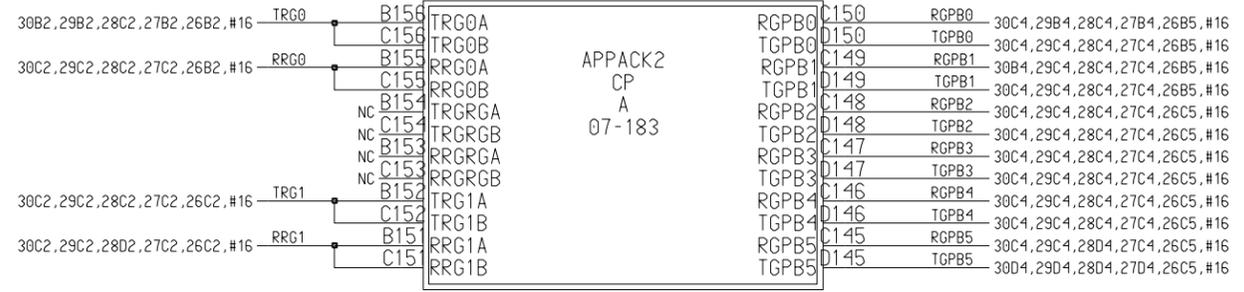
APPLICATION PACK 1

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



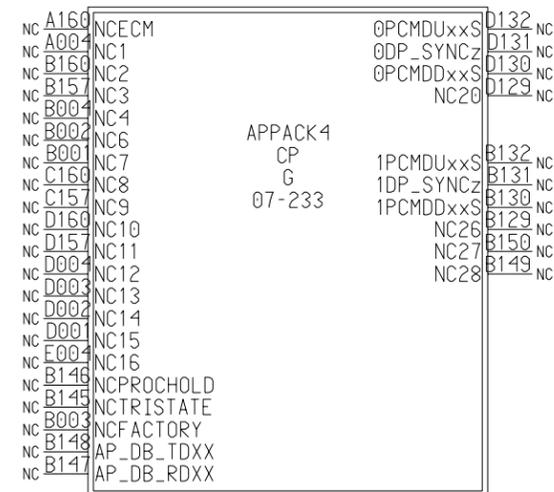
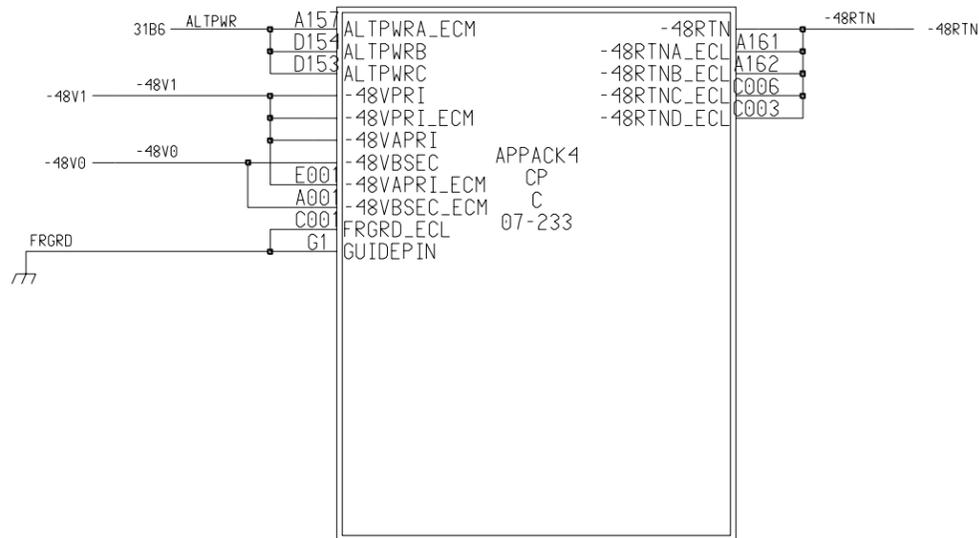
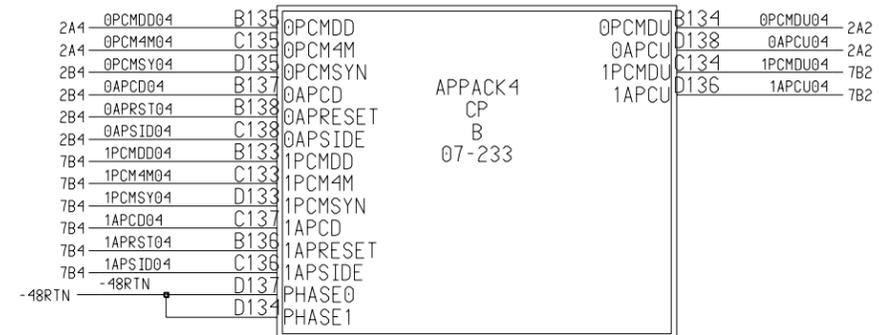
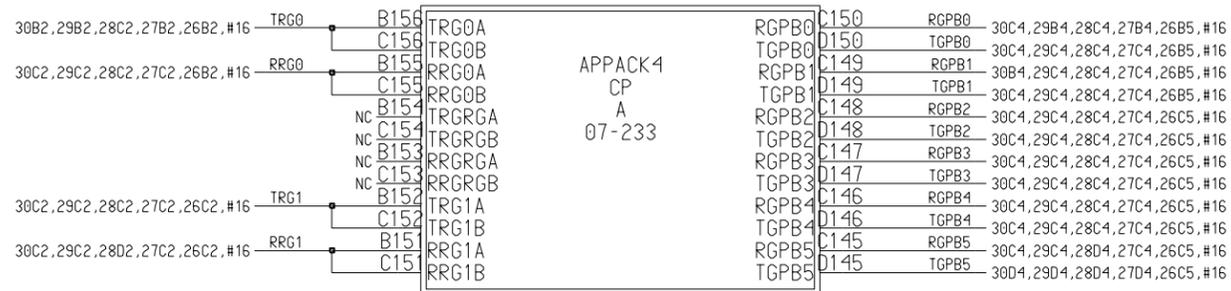
APPLICATION PACK 2

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



APPLICATION PACK 4

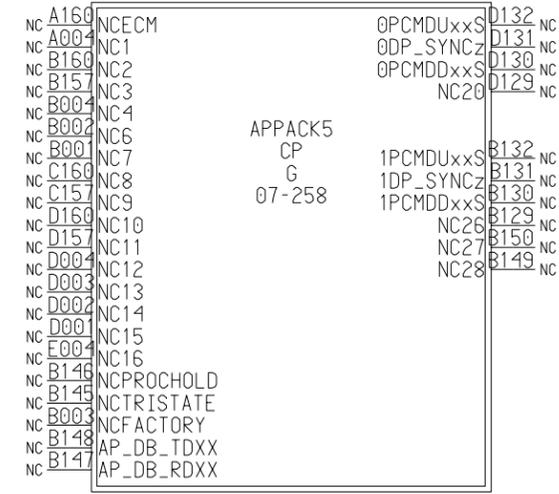
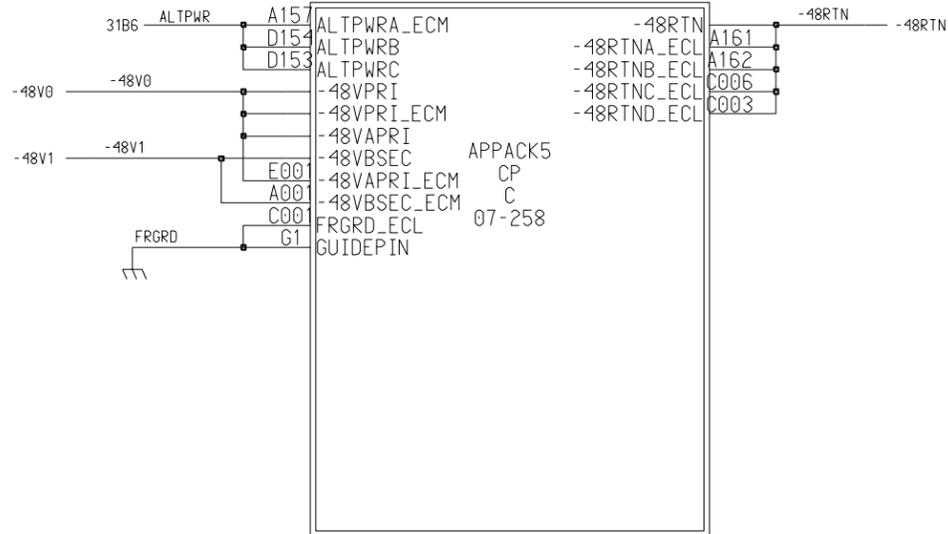
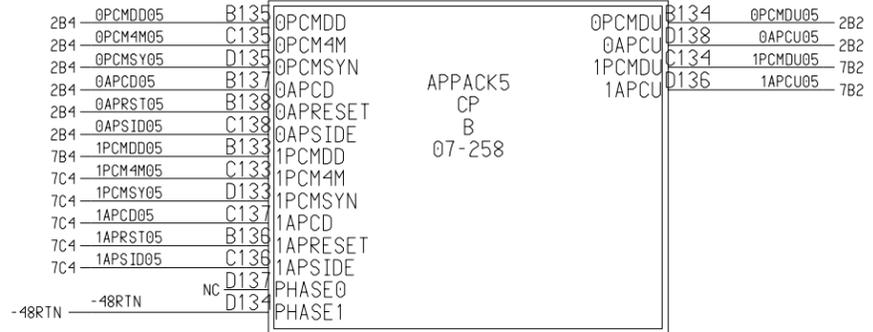
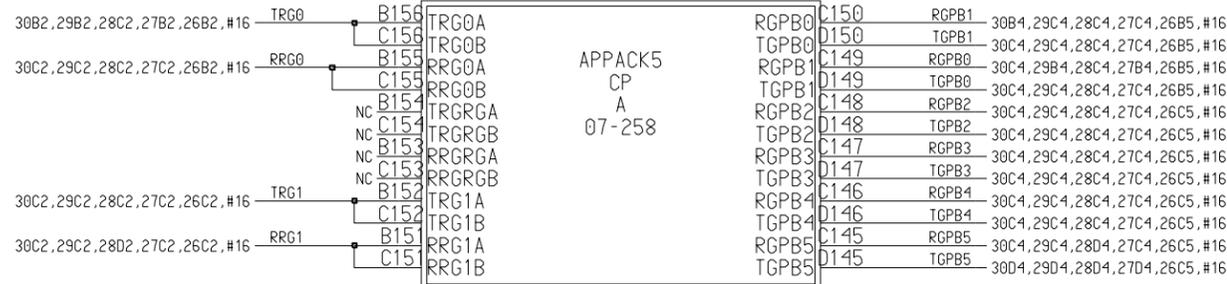
RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



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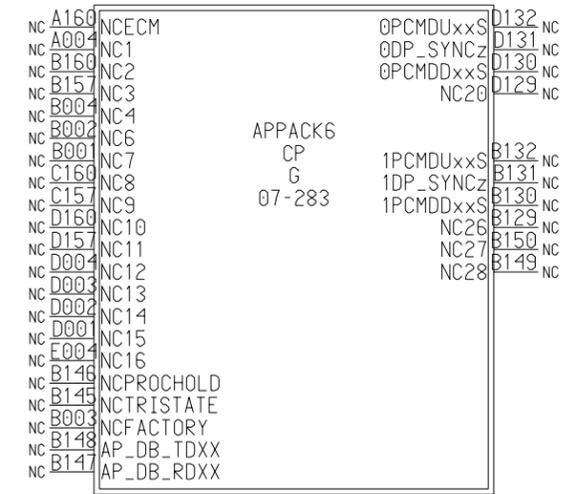
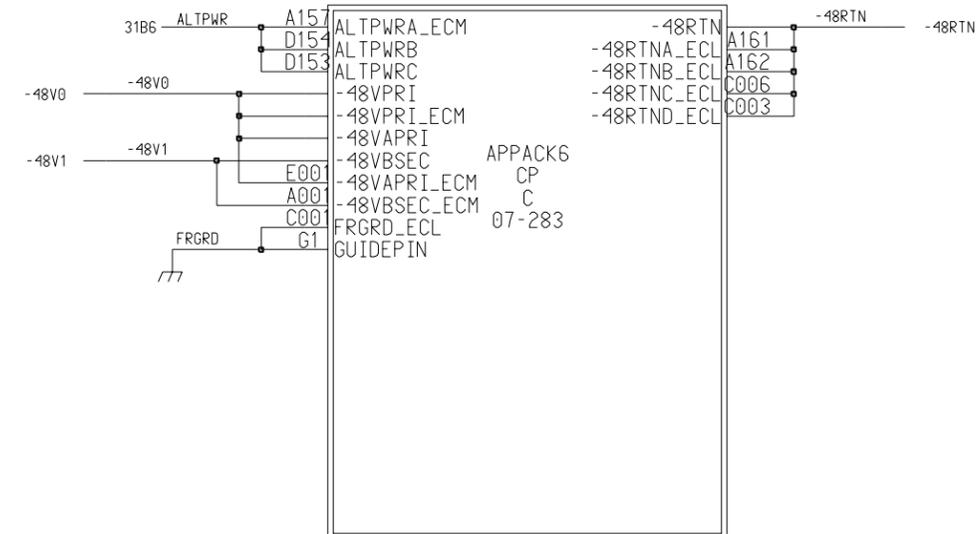
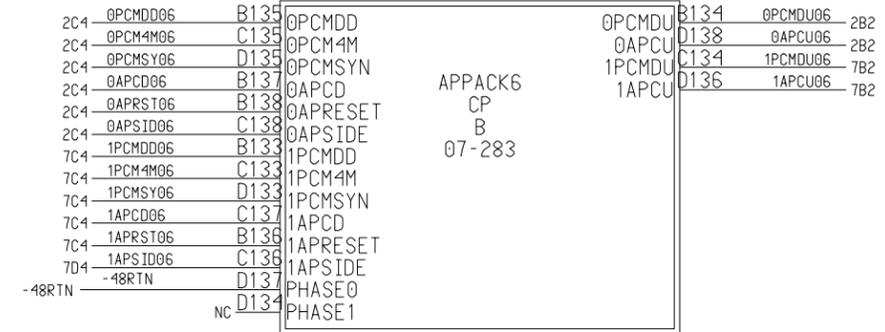
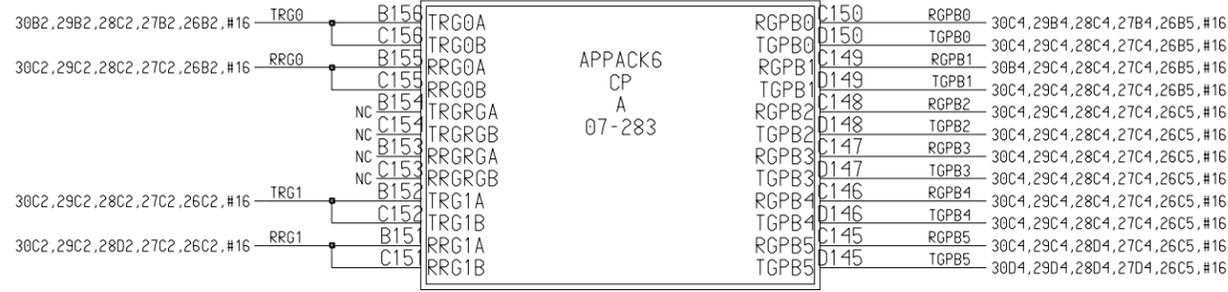
APPLICATION PACK 5

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



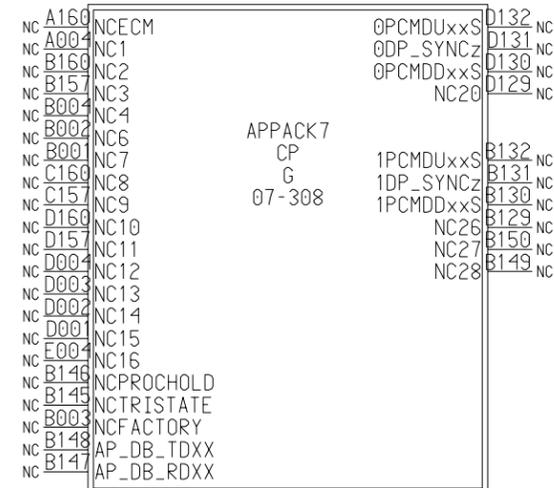
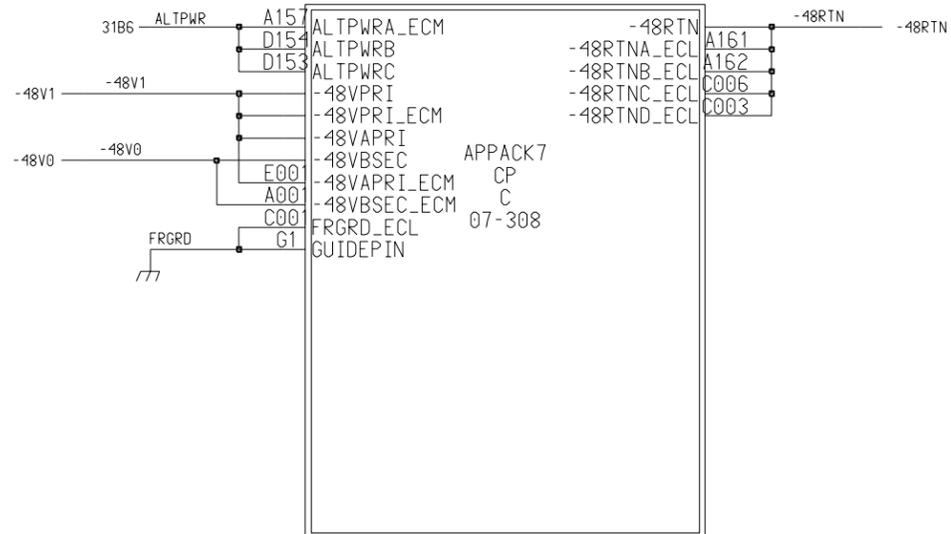
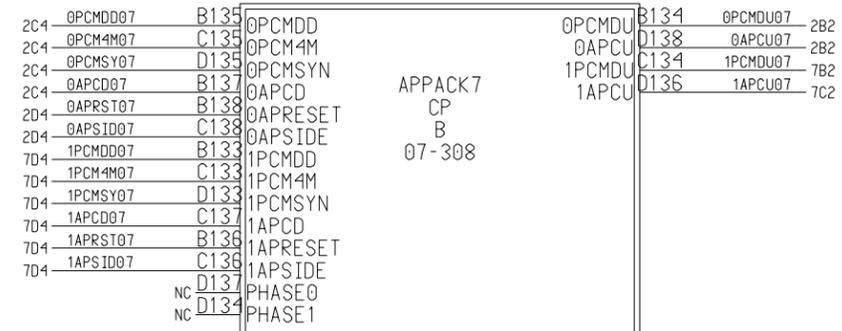
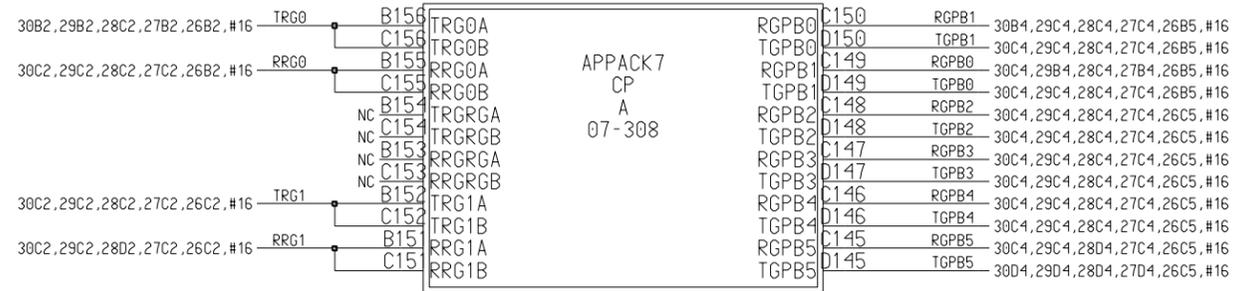
APPLICATION PACK 6

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



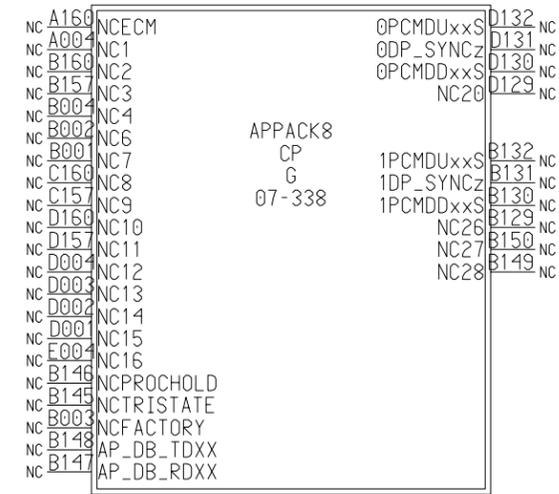
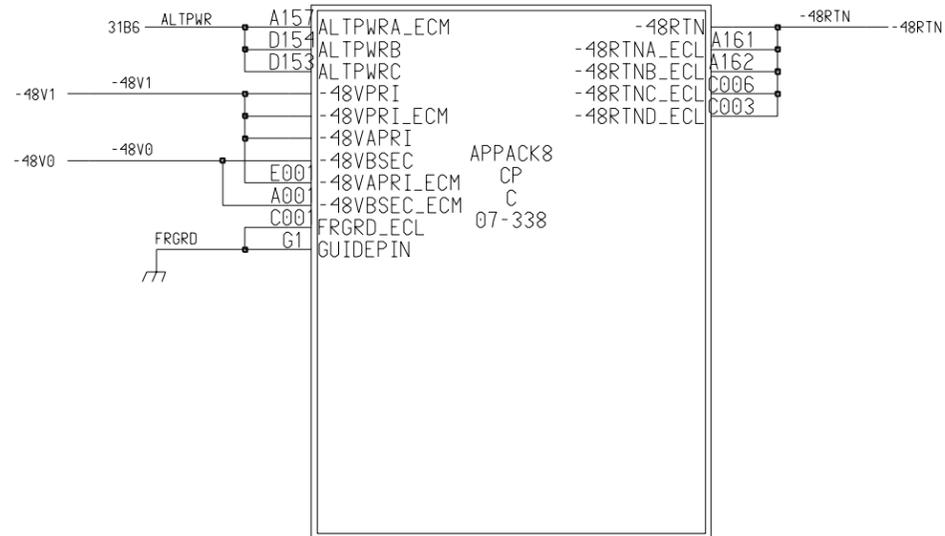
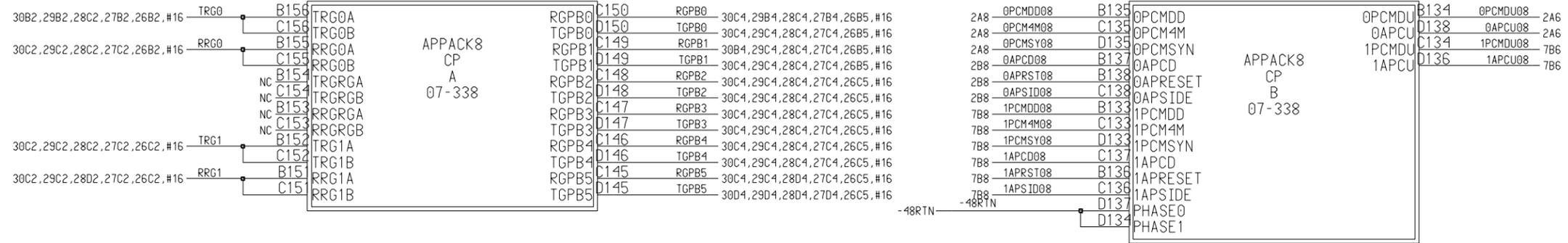
APPLICATION PACK 7

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



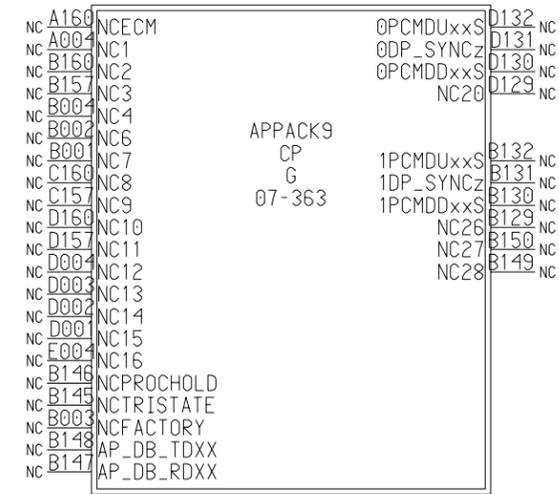
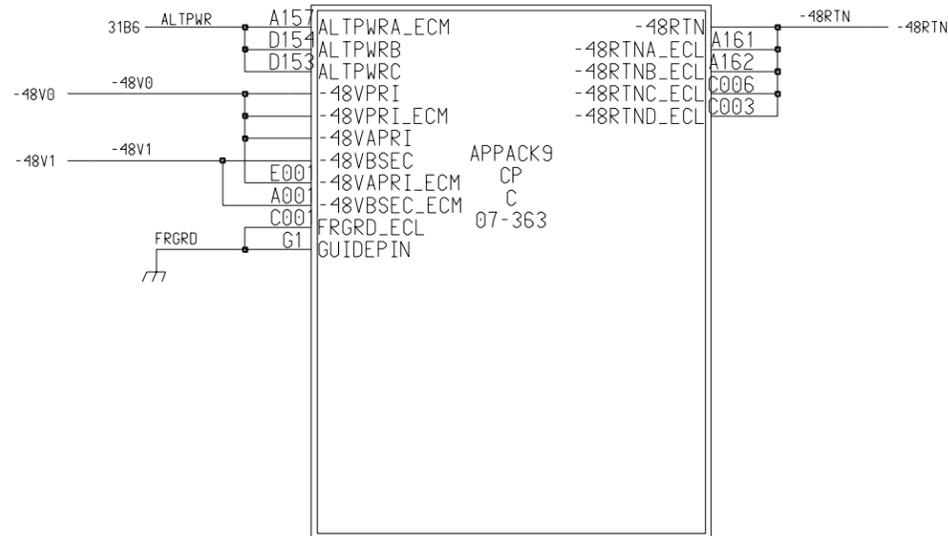
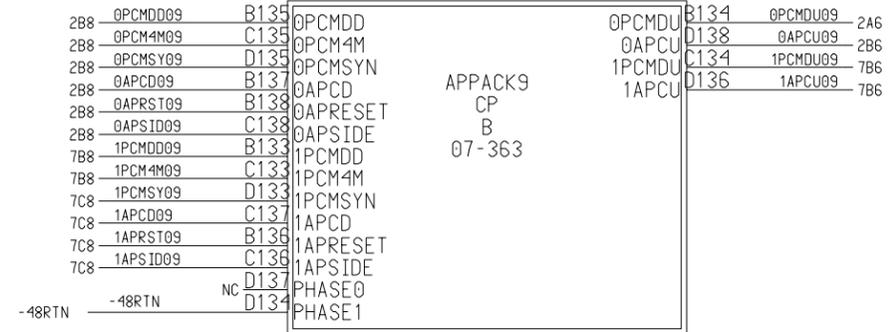
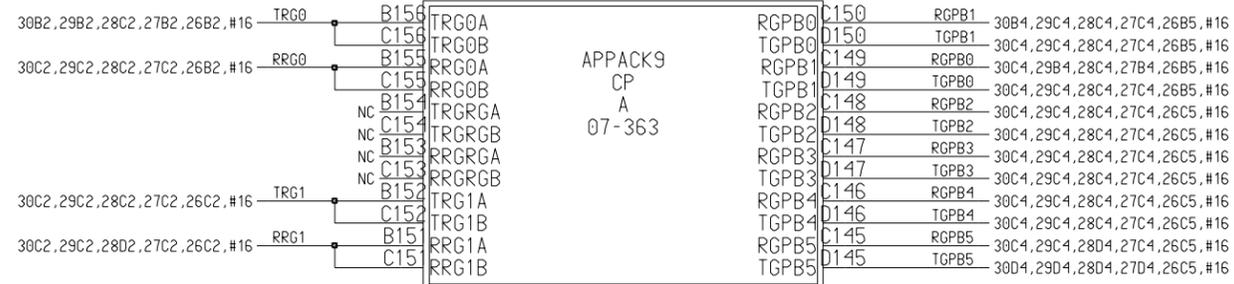
APPLICATION PACK 8

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



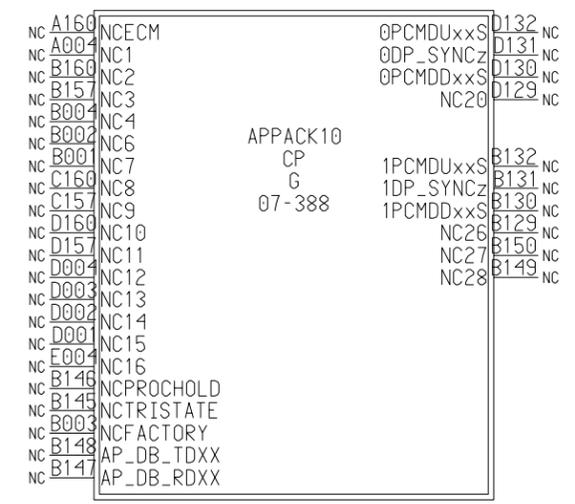
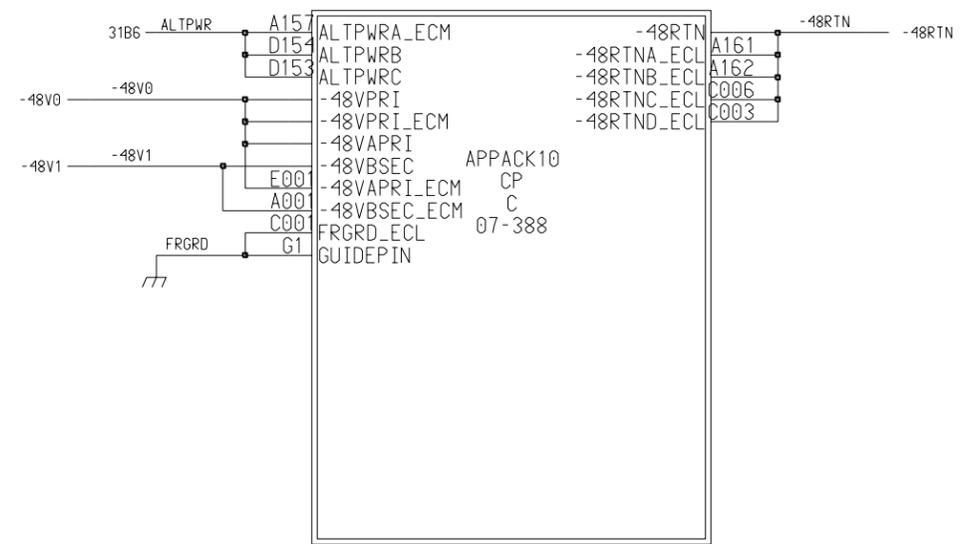
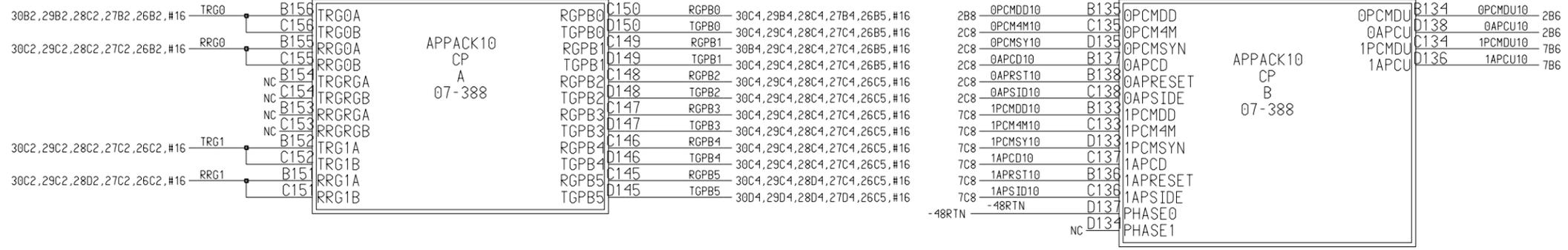
APPLICATION PACK 9

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



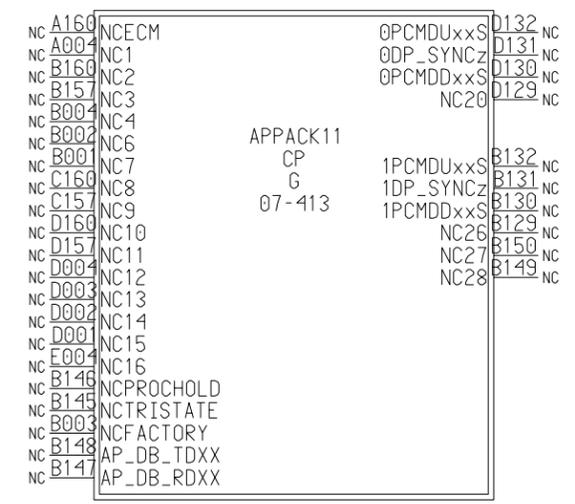
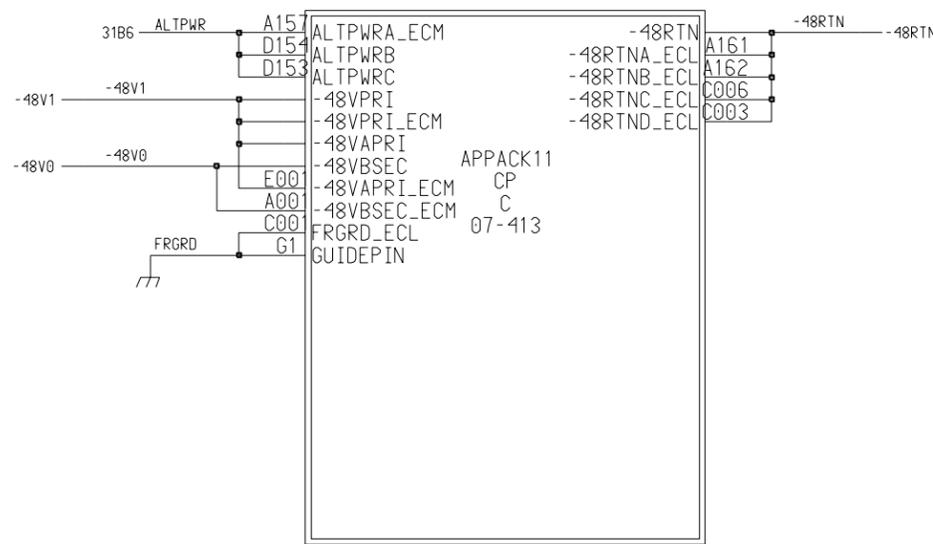
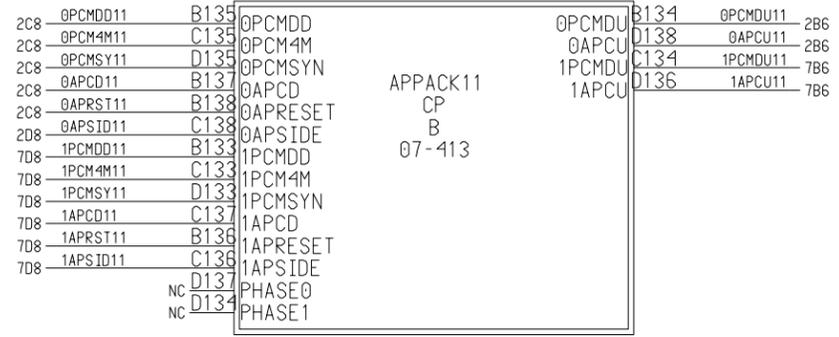
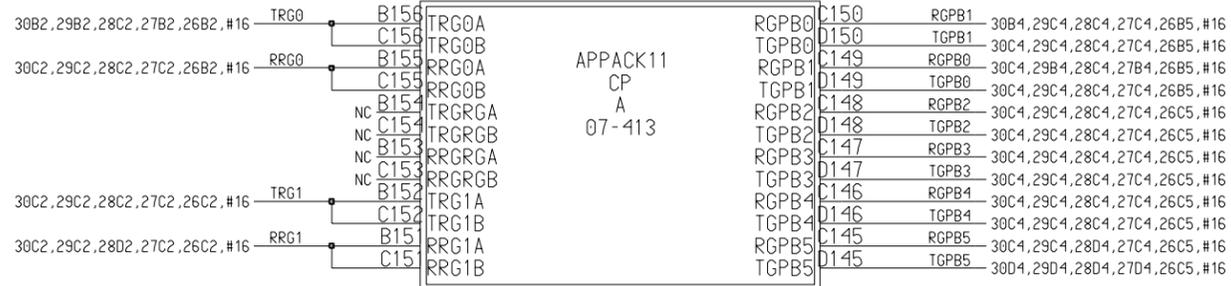
APPLICATION PACK 10

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



APPLICATION PACK 11

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



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APPLICATION PACK 12

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND

1 2 3 4 5 6 7 8 9

A

A

B

B

C

C

D

D

E

E

F

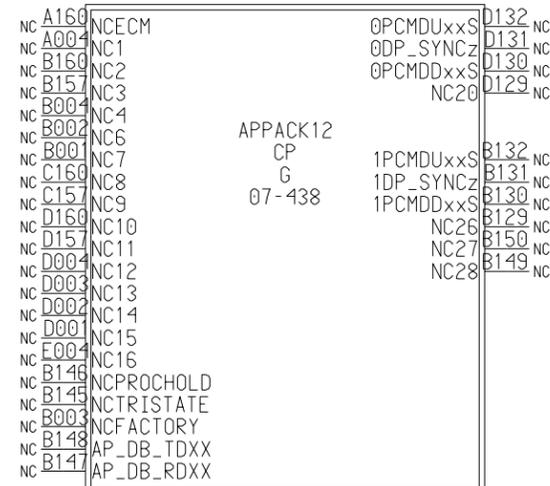
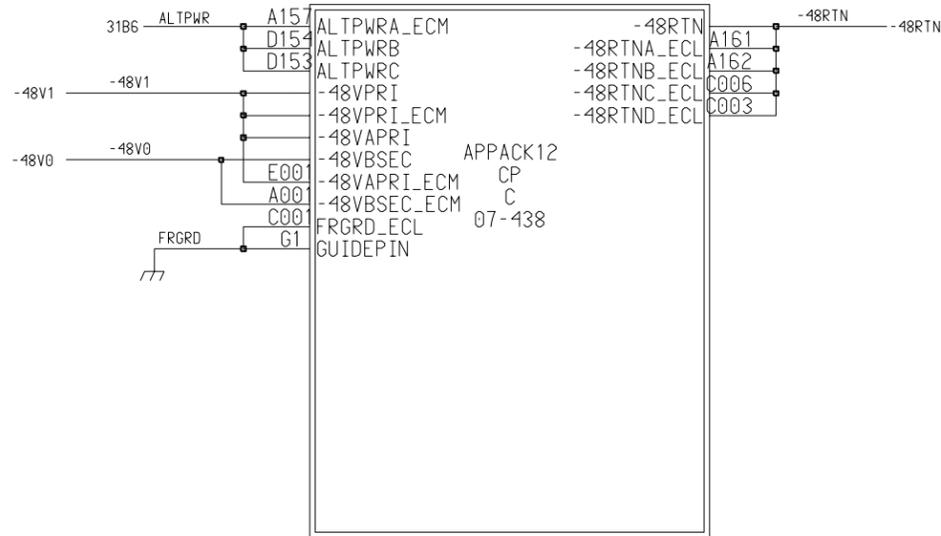
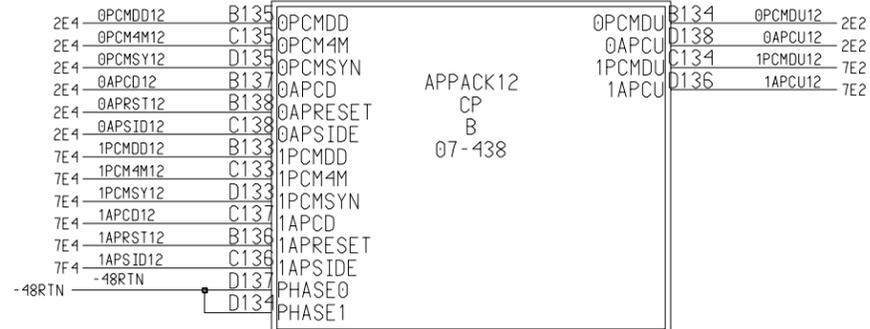
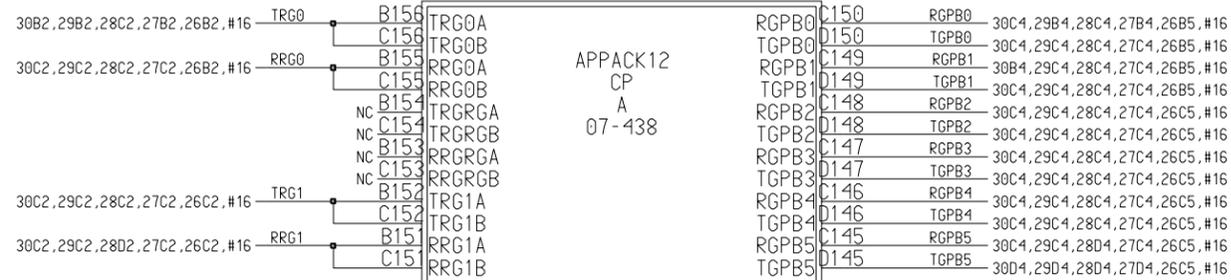
F

G

G

H

H

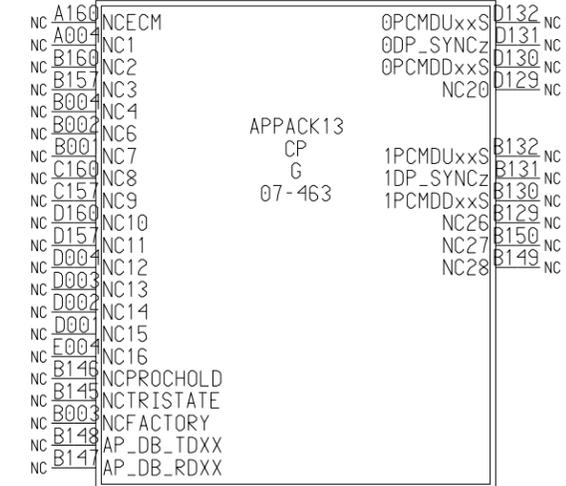
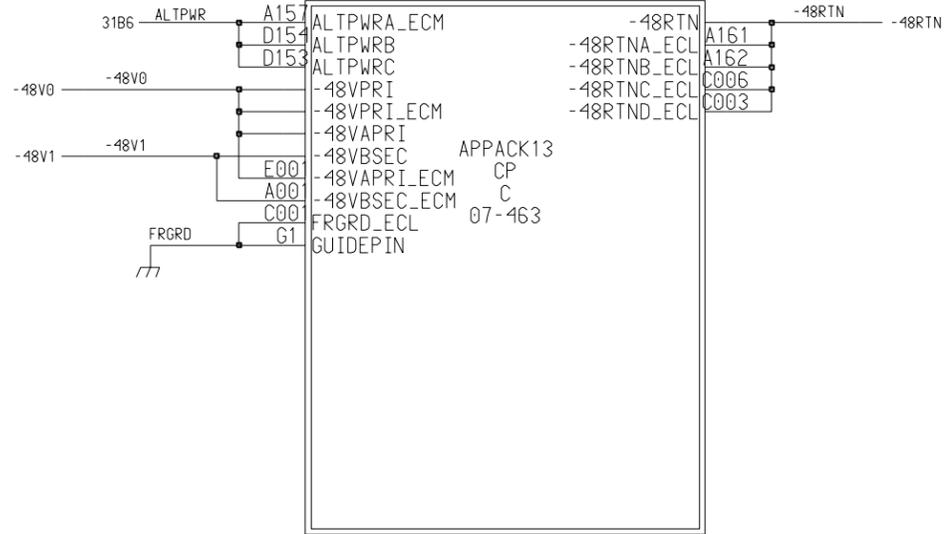
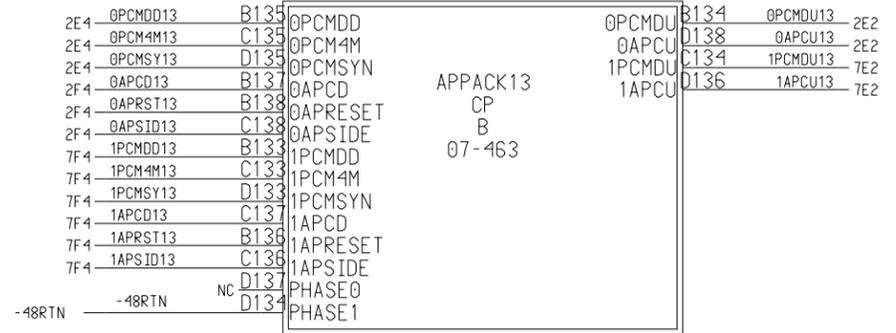
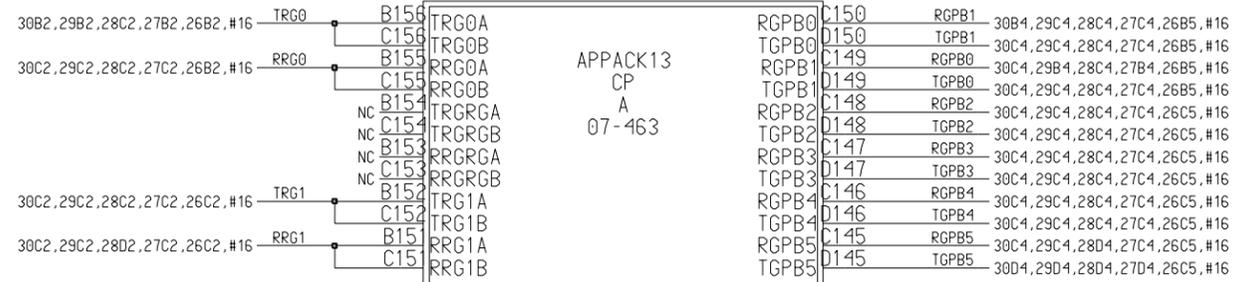


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ACCESS INTERFACE UNIT <AIU>	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B23

1 2 3 4 5 6 7 8 9

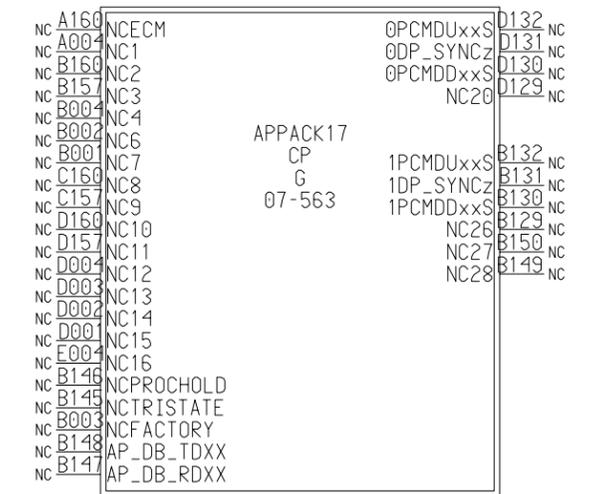
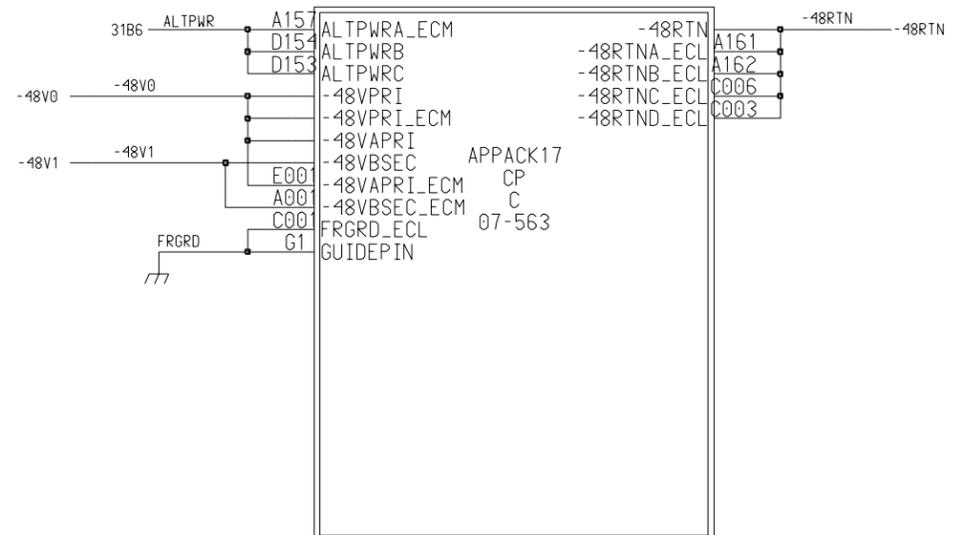
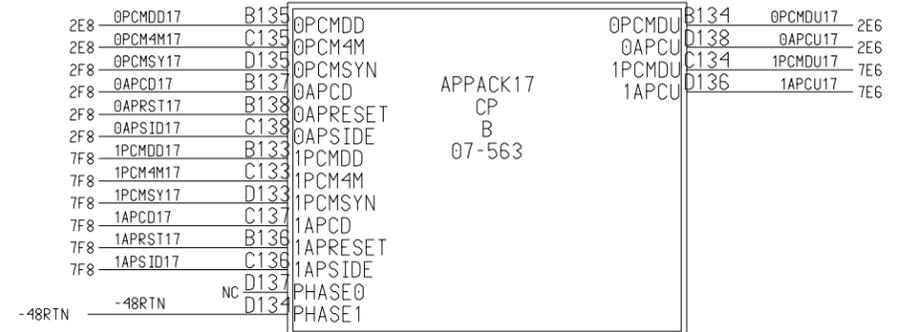
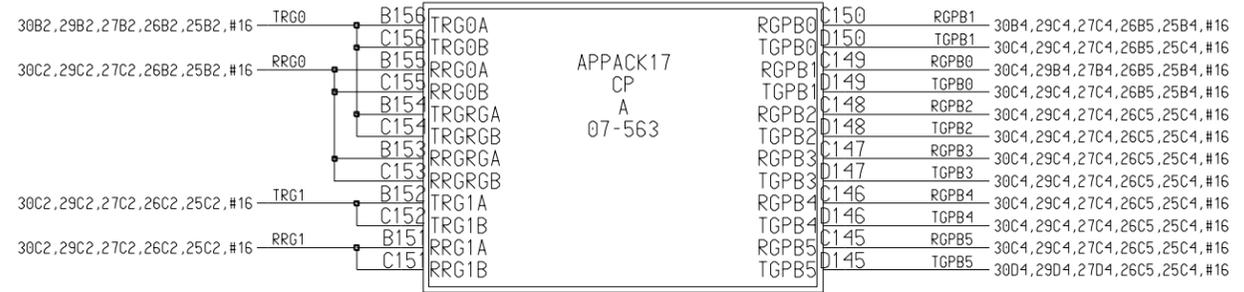
APPLICATION PACK 13

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



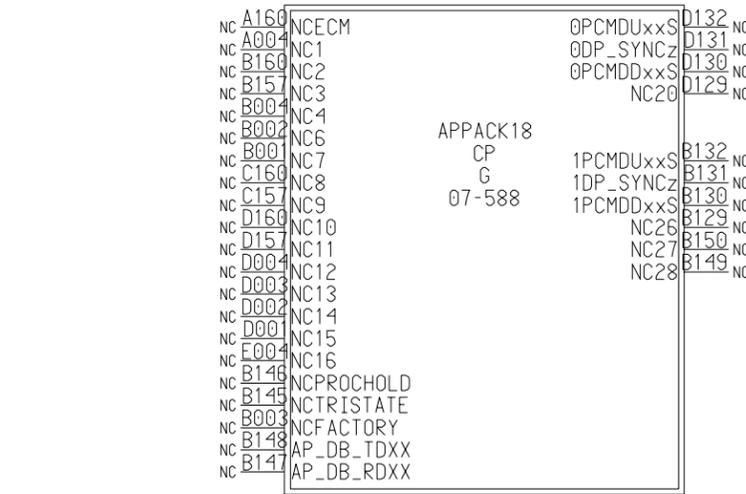
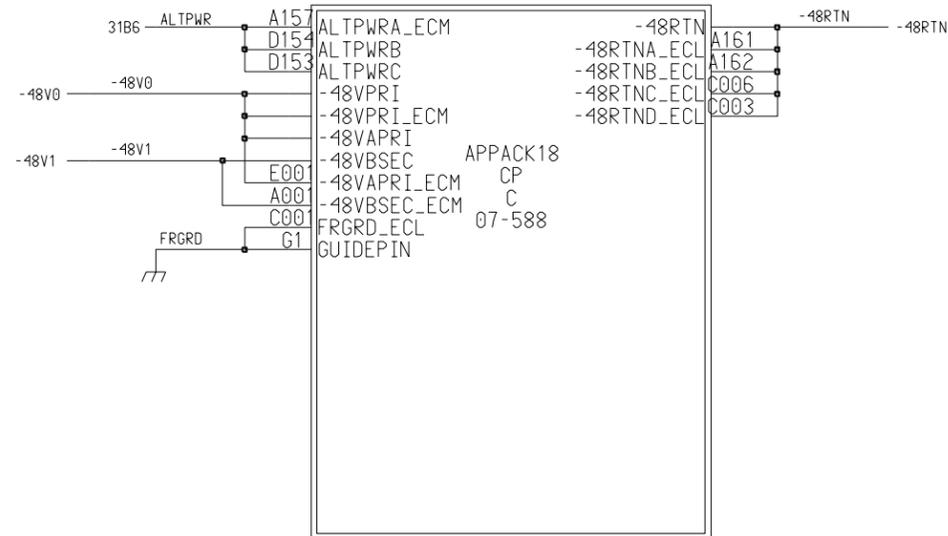
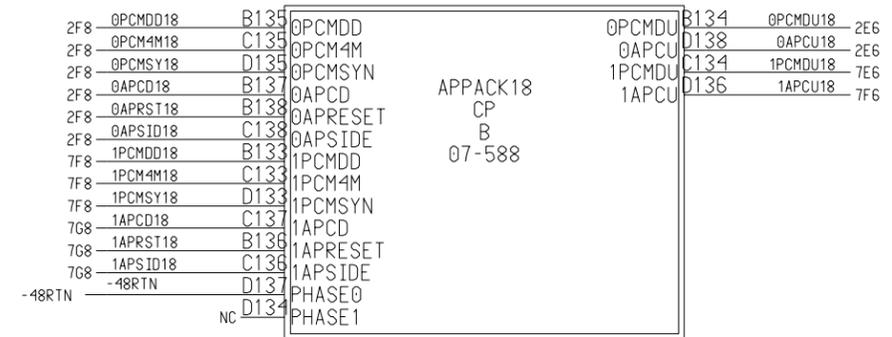
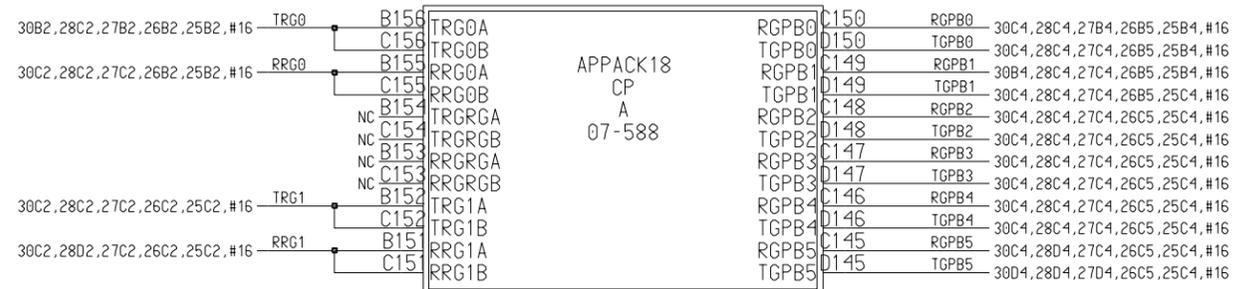
APPLICATION PACK 17

RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



APPLICATION PACK 18

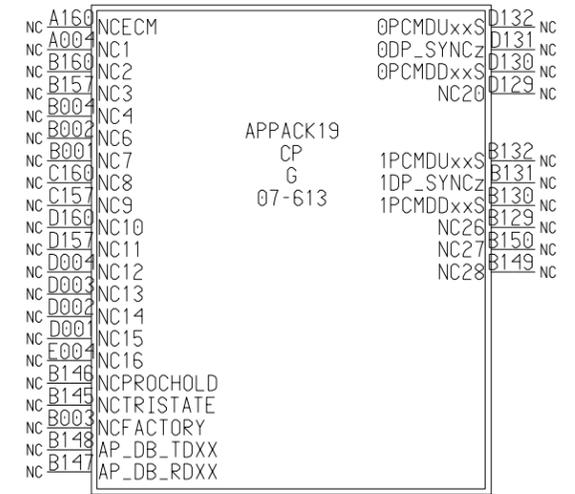
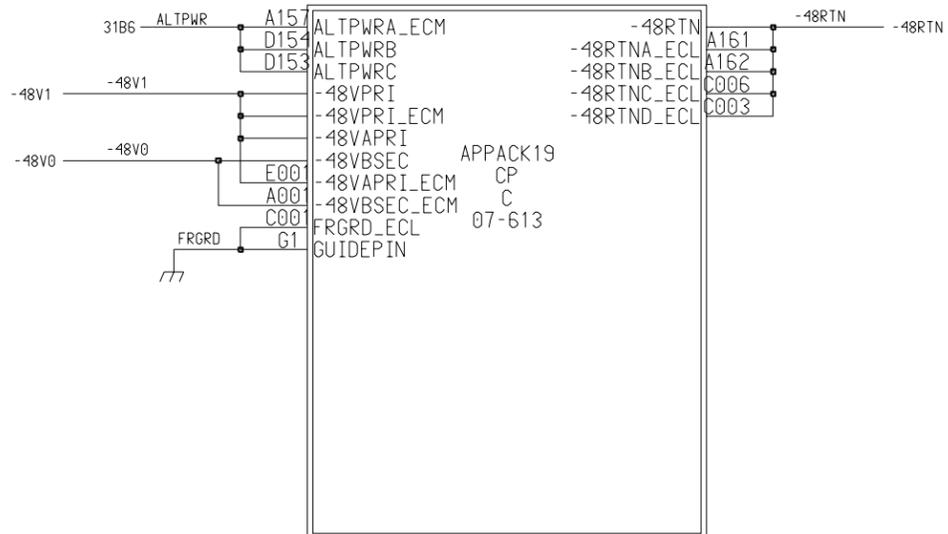
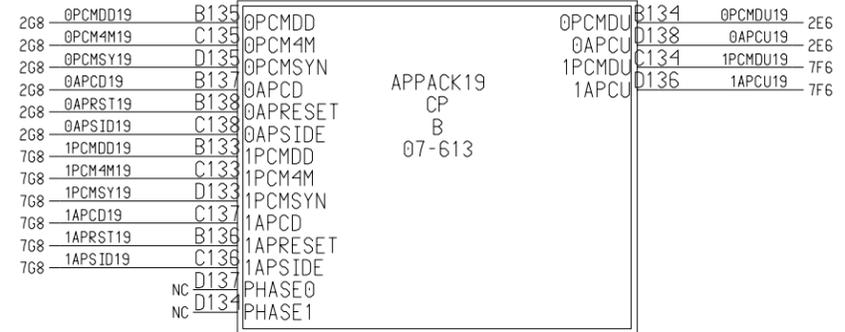
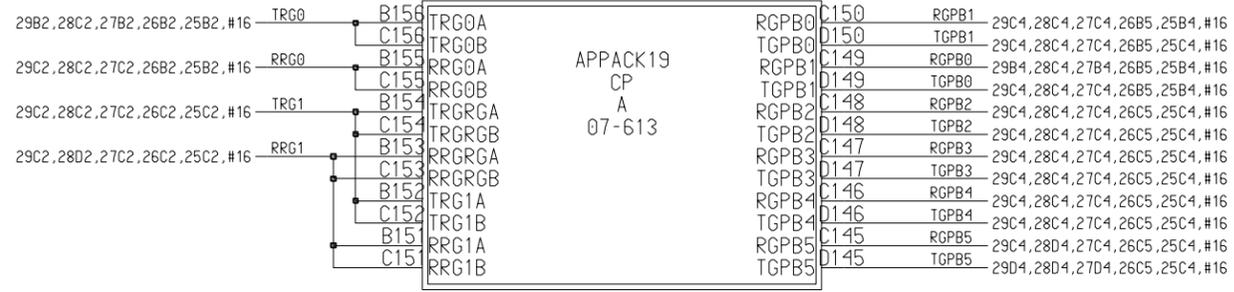
RINGING AND GENERAL PURPOSE BUS,
PCM HIGHWAY AND
POWER/GROUND



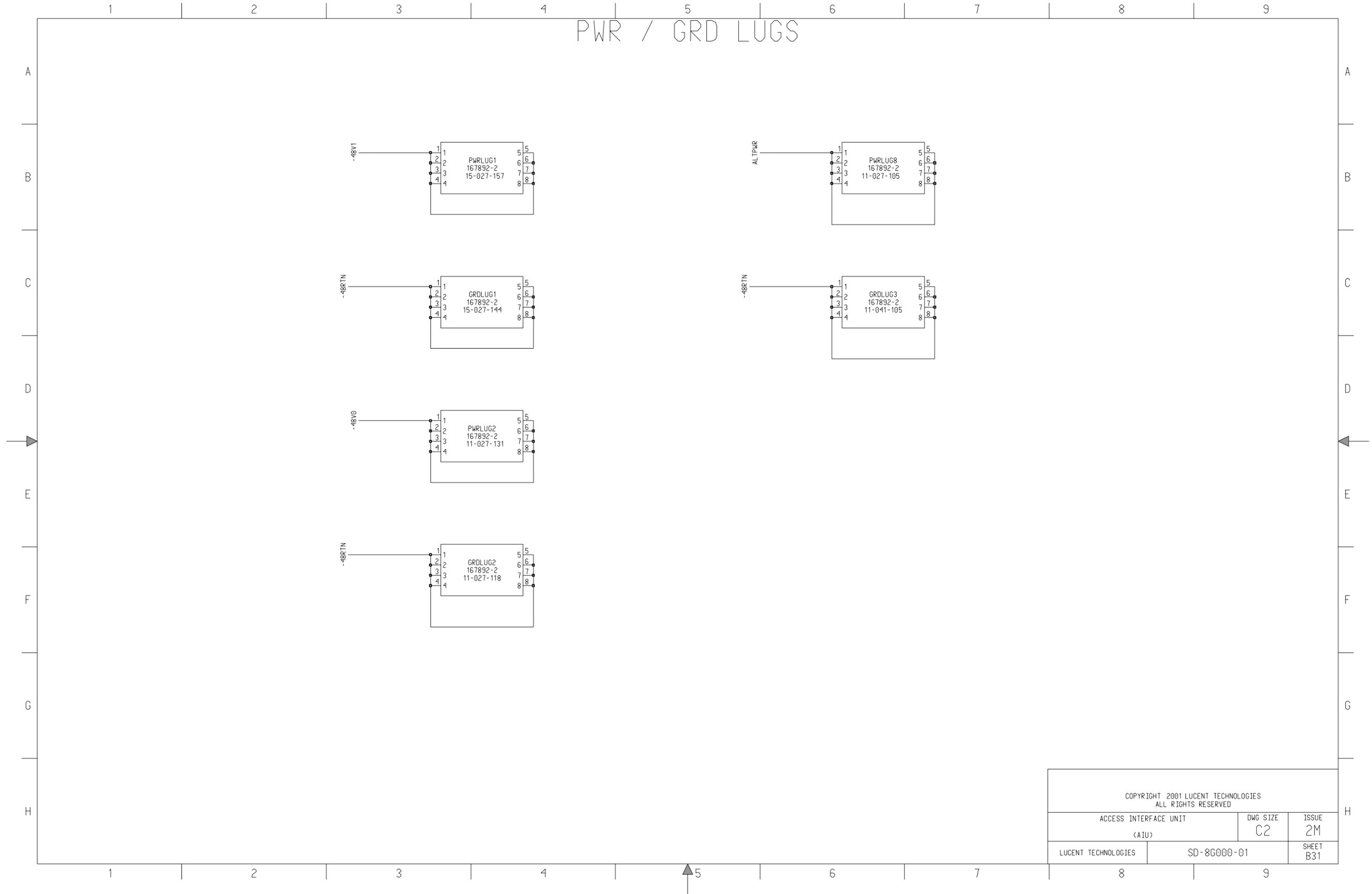
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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
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APPLICATION PACK 19

RINGING AND GENERAL PURPOSE BUS, PCM HIGHWAY AND POWER/GROUND



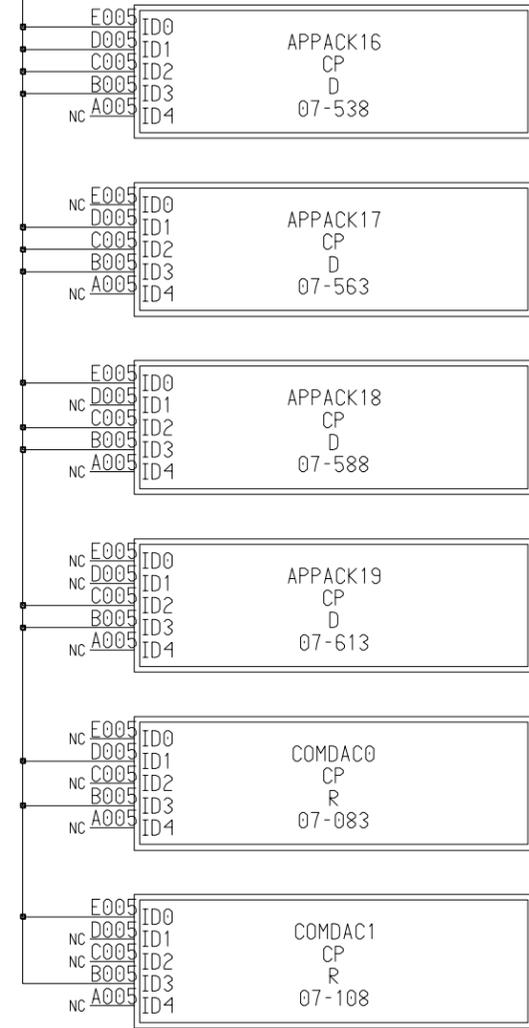
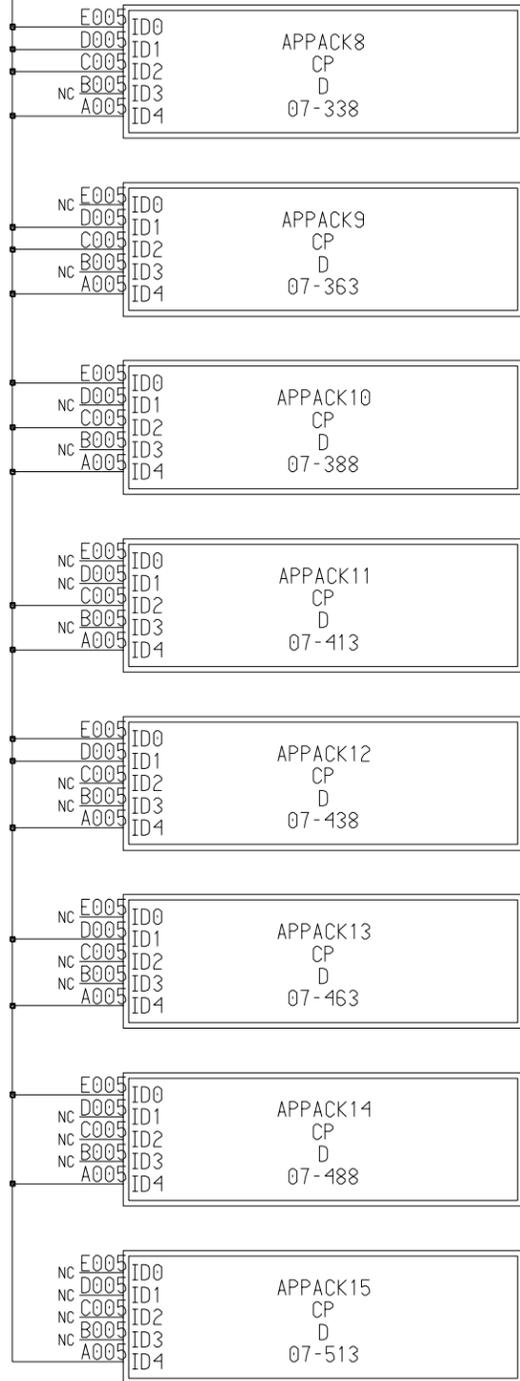
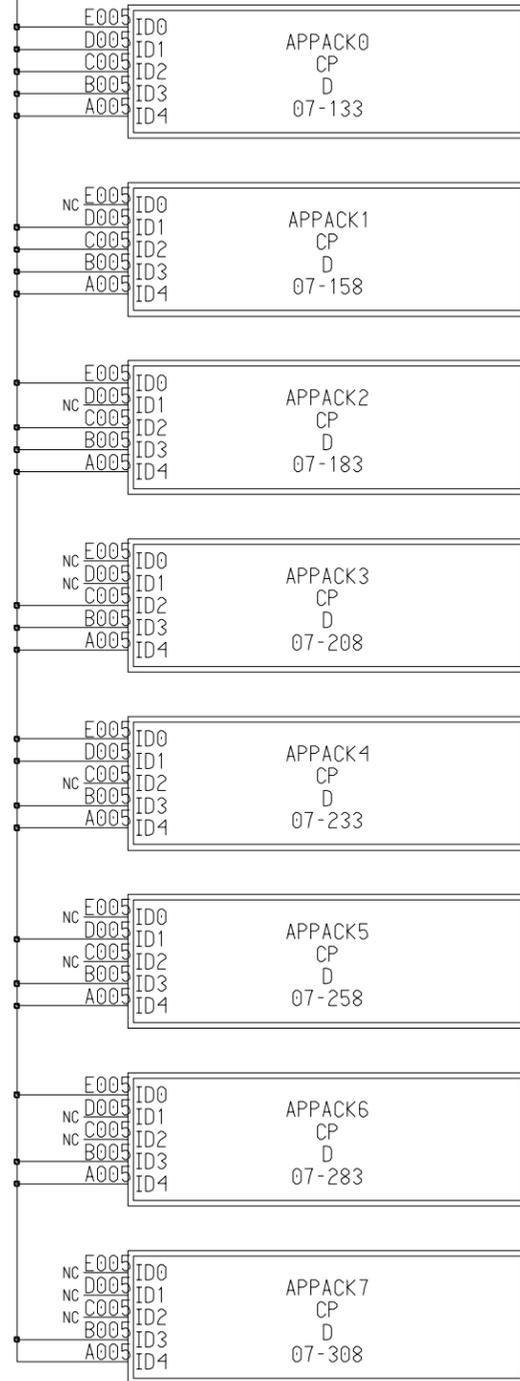
PWR / GRD LUGS



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ACCESS INTERFACE UNIT (AIU)	DWG SIZE C2	ISSUE 2M
LUCENT TECHNOLOGIES	SD-8G000-01	SHEET B31

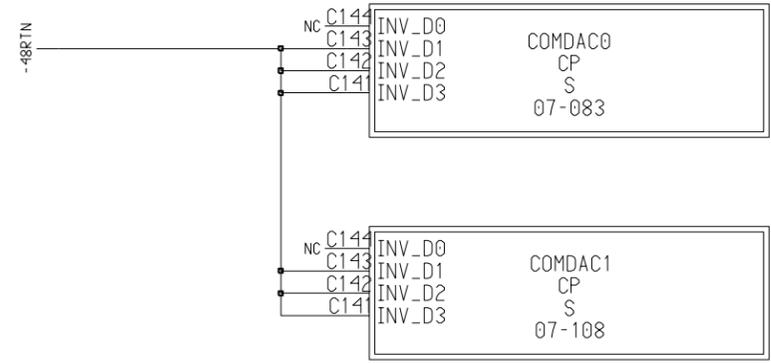
CIRCUIT PACK ID

-48RTN



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SHELF INVENTORY



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ACCESS INTERFACE UNIT <AIU>	DWG SIZE C2	ISSUE 2M
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APP FIG. 1

BACKPLANE AND WIRING PER - ED8G000-30
 HOST BACKPLANE - ED8G001-30

APP FIG. 2

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	FS LOC	CLEI CODE	CODE
COMDAC0	083	001			DAC100
COMDAC1	108	002			DAC100

APP FIG. 3

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	FS LOC	CLEI CODE	CODE
COMDAC0	083	001			DAC630
COMDAC1	108	002			DAC630

APP FIG. 4

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	FS LOC	CLEI CODE	CODE
COMDAC0	083	001			DAC624
COMDAC1	108	002			DAC624

APP FIG. 5

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	CLEI CODE	CODE
RG0	563	020		RGP100B
RG1	613	022		RGP100B

APP FIG. 6

APP FIG 6 REPRESENTS ONE NARROWBAND LINE CIRCUIT APPLICATION CIRCUIT PACK
 SEE NOTES 304, 305

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	CLEI CODE	CODE
AP0	133	003		NOTE 304
AP1	158	004		NOTE 304
AP2	183	005		NOTE 304
AP3	208	006		NOTE 304
AP4	233	007		NOTE 304
AP5	258	008		NOTE 304
AP6	283	009		NOTE 304
AP7	308	010		NOTE 304
AP8	336	011		NOTE 304
AP9	363	012		NOTE 304
AP10	388	013		NOTE 304
AP11	413	014		NOTE 304
AP12	438	015		NOTE 304
AP13	463	016		NOTE 304
AP14	488	017		NOTE 304
AP15	513	018		NOTE 304
AP16	538	019		NOTE 304
AP17	563	020		NOTE 304
AP18	588	021		NOTE 304
AP19	613	022		NOTE 304

APP FIG. 7

REMOTING CONNECTOR

OPTION DESIG	EQPT LOC	SLOT	CLEI CODE	CODE
	02-025			9822EM

APP FIG. 8

CIRCUIT PACK

OPTION DESIG	EQPT LOC	SLOT	CLEI CODE	CODE
TAP0	513	018		TAP100

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CIRCUIT NOTES

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
-48V0	20	-48	GROUP (COMDAC0, AP1, AP2, AP5, AP6, AP9, AP10, AP13, AP14, AP17, AP18)
-48V1	20	-48	GROUP (COMDAC1, AP0, AP3, AP4, AP7, AP8, AP11, AP12, AP15, AP16, AP19)
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	
-48V		-39.5 TO -56 V	

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EQUIPMENT NOTES:

201. CIRCUIT PACK REMOVAL PROCEDURES.
CIRCUIT PACK REMOVAL PROCEDURES

APPARATUS CODE	PULL HOT	REMOVE UNIT POWER	SEQUENCED
DACNNN	X		NO
LPCNNN	X		NO
LPPNNN	X		NO
LPZNNN	X		NO
RGPNNN	X		NO

202. TWO BACKPLANE DESIGNS ARE USED IN THIS CIRCUIT. THE APPLICATION PACK BACKPLANE IS ED8G000-30. THE HOST BACKPLANE IS ED8G001-30. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING IS PRINTED WIRING.

203. SOME ACRONYMS USED IN THIS DRAWING:

ACRONYM	EXPANSION
AP	APPLICATION PACK
CCS	CENTUM CALL SECONDS
COMDAC	COMMON DATA AND CONTROL
EAIU	EXPANSION ACCESS INTERFACE UNIT
EQL	EQUIPMENT LOCATION
FAC	FRONT ACCESS CABLING
MTB	METALLIC TEST BUS
PICB	PERIPHERAL INTERFACE CONTROL BUS
PIDB	PERIPHERAL INTERFACE DATA BUS
POTS	PLAIN OLD TELEPHONE SERVICE
RAIU	REMOTE ACCESS INTERFACE UNIT
RG	RING GENERATOR

204. THE FOLLOWING TABLE SHOWS THE STANDARD CONFIGURATIONS (QUANTITY OF AIU) SUPPORTED BY "ORDERABLE" COMBINATIONS OF CABINET AND CABLE RACK DESIGNS. (BASED ON PHYSICAL CABLING CAPACITY.) SEE FOLLOWING NOTE FOR ADDITIONAL EQUIPAGE RULES.

	CLASSIC CABLE RACK	5ESS-2000 PHASE I-NS CABLE RACK	5ESS-2000 PHASE I-NSI CABLE RACK	5ESS-2000 PHASE II FAC CABLE RACK
5ESS SWITCH CABINET	3	NOT COMPATIBLE	NOT COMPATIBLE	NOT COMPATIBLE
5ESS-2000 GLOBAL FAC CABINET	NOT COMPATIBLE	4	4	6

EQUIPMENT NOTES (CONTINUED):

205. IN A ONE, THREE, FIVE, OR SIX AIU OR (E/R) AIU CABINET CONFIGURATION, THE AIUS ARE LOGICALLY ORDERED, THAT IS, POSITIONED, AS FOLLOWS. SEE NOTE 205, FIGURE A.
NOTE: THIS DOES NOT INDICATE ACTUAL UNIT NUMBER ASSIGNED.

LOGICAL ORDER OF UNITS	CABINET EQL	SIDE OF CABINET
FAN UNIT	11	FRONT
FIRST AIU	23	FRONT
SECOND AIU	40	FRONT
THIRD AIU	57	FRONT
FOURTH AIU	23	REAR
FIFTH AIU	40	REAR
SIXTH AIU	57	REAR

CABINETS MAY ALSO BE EQUIPPED WITH TWO OR FOUR AIUS. THIS IS REQUIRED FOR HIGH TRAFFIC APPLICATIONS (WHEN ANY AIU WITHIN A CABINET IS ENGINEERED AT 13 OR MORE CCS). FOR THERMAL REASONS, OTHER EQUIPMENT IS NOT ALLOWED IN THE SPACE ABOVE THE AIUS.

LOGICAL ORDER OF UNITS	CABINET EQL	SIDE OF CABINET
FAN UNIT	11	FRONT
FIRST AIU	23	FRONT
SECOND AIU	40	FRONT
THIRD AIU	23	REAR
FOURTH AIU	40	REAR

206. CIRCUIT PACK POSITIONS MAY BE DESIGNATED BY SLOT NUMBERS. SLOTS ARE NUMBERED SEQUENTIALLY AT OPEN POSITIONS.

- SLOT=EQL
001=083
002=108
003=133
004=158
005=183
006=208
007=233
008=258
009=283
010=308
011=338
012=363
013=388
014=413
015=438
016=463
017=488
018=513
019=538
020=563
021=588
022=613

206. RING GENERATORS ARE LINE ENGINEERED BASED ON TRAFFIC: WHEN ORDERED, QUANTITY OF 2 ALWAYS REQUIRED. IN STANDARD AIU/(E/R) AIU CABINET CONFIGURATIONS, THE BOTTOM AIU'S AT EQL 23 OF THE FRONT AND IF EQUIPPED WITH UNIT, REAR OF THE CABINET WILL EACH BE EQUIPPED WITH A PAIR OF RG'S.

RG BUS CABLES WILL MULT FROM THE AIU EQUIPPED WITH RG'S TO THE UPPER AIU(S) NOT EQUIPPED WITH RG'S.

CAUTION: IF RG'S ARE EQUIPPED IN MORE THAN ONE AIU PER CABINET SIDE, THE RG BUS CABLES MUST NOT BE INSTALLED BETWEEN THE AIU'S EQUIPPED WITH RG'S.

ALSO, IF POWER MUST BE REMOVED FROM AN AIU TO PERFORM A MAINTENANCE PROCEDURE AND ANY OTHER AIU IN THE CABINET STACK UP STILL HAS POWER TO IT, THE RG BUS CABLES MUST BE REMOVED FROM THE POWERED DOWN BACKPLANE(S).

EQUIPMENT NOTES (CONTINUED):

207. TIP/RING CABLES ARE INSTALLED ON FRONT OF CIRCUIT PACK FACEPLATES, RATHER THAN DIRECTLY ON BACKPLANE. ONE TIP/RING CABLE DESIGN IS USED REGARDLESS OF TYPE OF LINE CIRCUIT APPLICATION PACK EQUIPPED IN UNIT. GENERAL TIP/RING CABLING INFORMATION IS PROVIDED IN CAD 6.

208. GROWTH OF INDIVIDUAL AIU UNIT(S) IN A CABINET IN THE FIELD IS ONLY SUPPORTED, WHEN PRE-CONDITIONING REQUIREMENTS ARE MET. (SEE J8G000AA-1).

209. ONE PAIR OF POWER LUGS IS EQUIPPED ON THE AP BACKPLANE FOR "ALTPWR" (ALTERNATE POWER) AND "ALTPWR RETURN" FOR FUTURE APPLICATIONS.

210. VERTICAL EQL FOR AIU SHALL INCLUDE "F" FOR FRONT OR "R" FOR REAR. (E.G., 23F, 47R, ETC.)

211. THE REMOTE/EXPANSION ACCESS INTERFACE UNIT (R/E) AIU CAN TERMINATE ANALOG, ISDN, OR A MIXTURE OF ANALOG AND ISDN LINES. THE AIU MAY BE LOCATED WITHIN A LOCAL SM/SM-2000, OR A REMOTE ORM, RSM, OR EXM-2000. THE R/E AIU MAY ONLY BE HOSTED BY AN SM-2000 OR AN EXM-2000.

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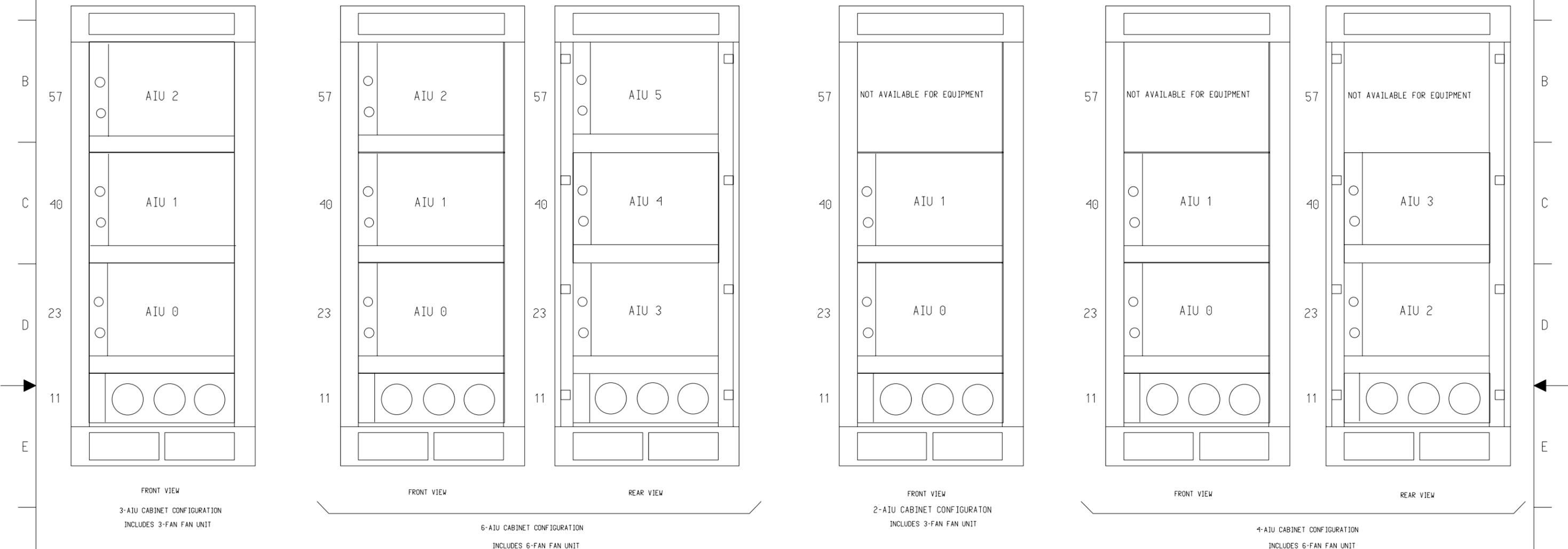
1 2 3 4 5 6 7 8 9

FIGURE A

UNIT POSITIONS FOR AIU<(R/E) AIU CABINET CONFIGURATIONS

(UNIT NUMBERS INDICATE LOGICAL ORDER OF UNITS. ACTUAL UNIT NUMBERS ARE ASSIGNED BY LINE ENGINEER.)

NOTE 205 (CONTINUED).



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1 2 3 4 5 6 7 8 9

EQUIPMENT NOTES

EQUIPMENT NOTES (CONTINUED):

211. THE FOLLOWING IDENTIFIES THE CONNECTORS ON THE AIP BACKPLANE (CIRCUIT PACK SIDE VIEW) AND CIRCUIT PACK FACEPLATES. EQL-TERM IDENTIFIES LOWER LEFT MOST TERMINAL OF CONNECTOR AS VIEWED FROM CIRCUIT PACK SIDE.

CONNECTORS ON BACKPLANE - CIRCUIT PACK SIDE HOST APPLICATIONS ONLY							
FUNCTION	TO/FROM	DESCRIPTION	(EQL-TERM)	SIZE	IDI	CAD	
PICB	SM SIDE 0	PICB0	(06-025-001)	2x6	A		
CABLES	SM SIDE 1	PICB0	(06-025-007)	2x6	B	1	
SIDE 0							
PICB	SM SIDE 0	PICB1	(06-025-014)	2x6	C		
CABLES	SM SIDE 1	PICB1	(06-025-020)	2x6	D	1	
SIDE 1							
	SM SIDE 0	PIDB0	(06-044-031)	2x4	E		
	SM SIDE 1	PIDB0	(06-038-031)	2x4	F		
	SM SIDE 0	PIDB1	(06-031-031)	2x4	G		
PIDB	SM SIDE 1	PIDB1	(06-025-031)	2x4	H		
CABLES	SM SIDE 0	PIDB2	(06-044-035)	2x4	J		
	SM SIDE 1	PIDB2	(06-038-035)	2x4	K	2	
	SM SIDE 0	PIDB3	(06-031-035)	2x4	L		
	SM SIDE 1	PIDB3	(06-025-035)	2x4	M		
	SM SIDE 0	PIDB4	(06-044-039)	2x4	N		
	SM SIDE 1	PIDB4	(06-038-039)	2x4	P		
	SM SIDE 0	PIDB5	(06-031-039)	2x4	R		
	SM SIDE 1	PIDB5	(06-025-039)	2x4	S		
	SM SIDE 0	PIDB6	(06-044-044)	2x4	T		
	SM SIDE 1	PIDB6	(06-038-044)	2x4	U		
	SM SIDE 0	PIDB7	(06-031-044)	2x4	V		
PIDB	SM SIDE 1	PIDB7	(06-025-044)	2x4	W		
CABLES	SM SIDE 0	PIDB8	(06-044-048)	2x4	X		
	SM SIDE 1	PIDB8	(06-038-048)	2x4	Y	2	
	SM SIDE 0	PIDB9	(06-031-048)	2x4	Z		
	SM SIDE 1	PIDB9	(06-025-048)	2x4	AA		
	SM SIDE 0	PIDB10	(06-044-052)	2x4	AB		
	SM SIDE 1	PIDB10	(06-038-052)	2x4	AC		
	SM SIDE 0	PIDB11	(06-031-052)	2x4	AD		
	SM SIDE 1	PIDB11	(06-025-052)	2x4	AE		

EQUIPMENT NOTES (CONTINUED):
NOTE 211 (CONTINUED).

CONNECTORS ON BACKPLANE - CIRCUIT PACK SIDE							
FUNCTION	TO/FROM	DESCRIPTION	(EQL-TERM)	SIZE	IDI	CAD	
	AT VEQL 23	NOT EQUIPPED	(15-J1)	2x3	AF		
	AT VEQL 40	FROM AIU AT VEQL 23 (J3)	(15-J1)	2x3	AF		
	AT VEQL 57	FROM AIU AT VEQL 40 (J3)	(15-J1)	2x3	AF		
	AT VEQL 23	NOT EQUIPPED	(15-J2)	2x3	AG		
	AT VEQL 40	FROM AIU AT VEQL 23 (J4)	(15-J2)	2x3	AG		
RING	AT VEQL 57	FROM AIU AT VEQL 40 (J4)	(15-J2)	2x3	AG	5	
GENERATOR							
BUS	AT VEQL 23	TO AIU AT VEQL 40 (J1)	(15-J3)	2x3	AH		
CABLES	AT VEQL 40	TO AIU AT VEQL 57 (J1)	(15-J3)	2x3	AH		
	AT VEQL 57	NOT EQUIPPED	(15-J3)	2x3	AH		
	AT VEQL 23	TO AIU AT VEQL 40 (J2)	(15-J4)	2x3	AJ		
	AT VEQL 40	TO AIU AT VEQL 57 (J2)	(15-J4)	2x3	AJ		
	AT VEQL 57	NOT EQUIPPED	(15-J4)	2x3	AJ		

CONNECTORS ON BACKPLANE - CIRCUIT PACK SIDE							
FUNCTION	TO/FROM	DESCRIPTION	(EQL-TERM)	SIZE	IDI	CAD	
GENERAL	GPB 0,1,2	ACCESS PINS	(15-J5)	2x3	AK		
PURPOSE							
BUS							
	TEST AP -	REMOTE ONLY	(15-J6)	2x3	AL		
MTB	FROM PREVIOUS AIU (J8)		(11-J7)	2x3	AM		
SIDE	OR TEST AP -	REMOTE ONLY				3	
0&1							
	MMSU OR		(11-J8)	2x3	AN		
	TO NEXT AIU (J7) -	REMOTE ONLY					

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EQUIPMENT NOTES

211 (CONTINUED).

CONNECTORS ON BACKPLANE - CIRCUIT PACK SIDE						
FUNCTION	TO/FROM	DESCRIPTION	(EQL-TERM)	SIZE	IDI	CAD
GROUND LUGS	FUSE/FILTER UNIT	-48VRTN	(15-027-144)	LUG	ARI	4
	FUSE/FILTER UNIT	-48VRTN	(11-027-118)	LUG	ATI	
	FUSE/FILTER UNIT	-48VRTN	(11-041-105)	LUG	AVI	
POWER LUGS	FUSE/FILTER UNIT	-48V1	(15-027-157)	LUG	API	4
	FUSE/FILTER UNIT	-48V0	(15-027-131)	LUG	ASI	
		ALTPWR	(11-027-105)	LUG	AUI	

211 (CONTINUED).

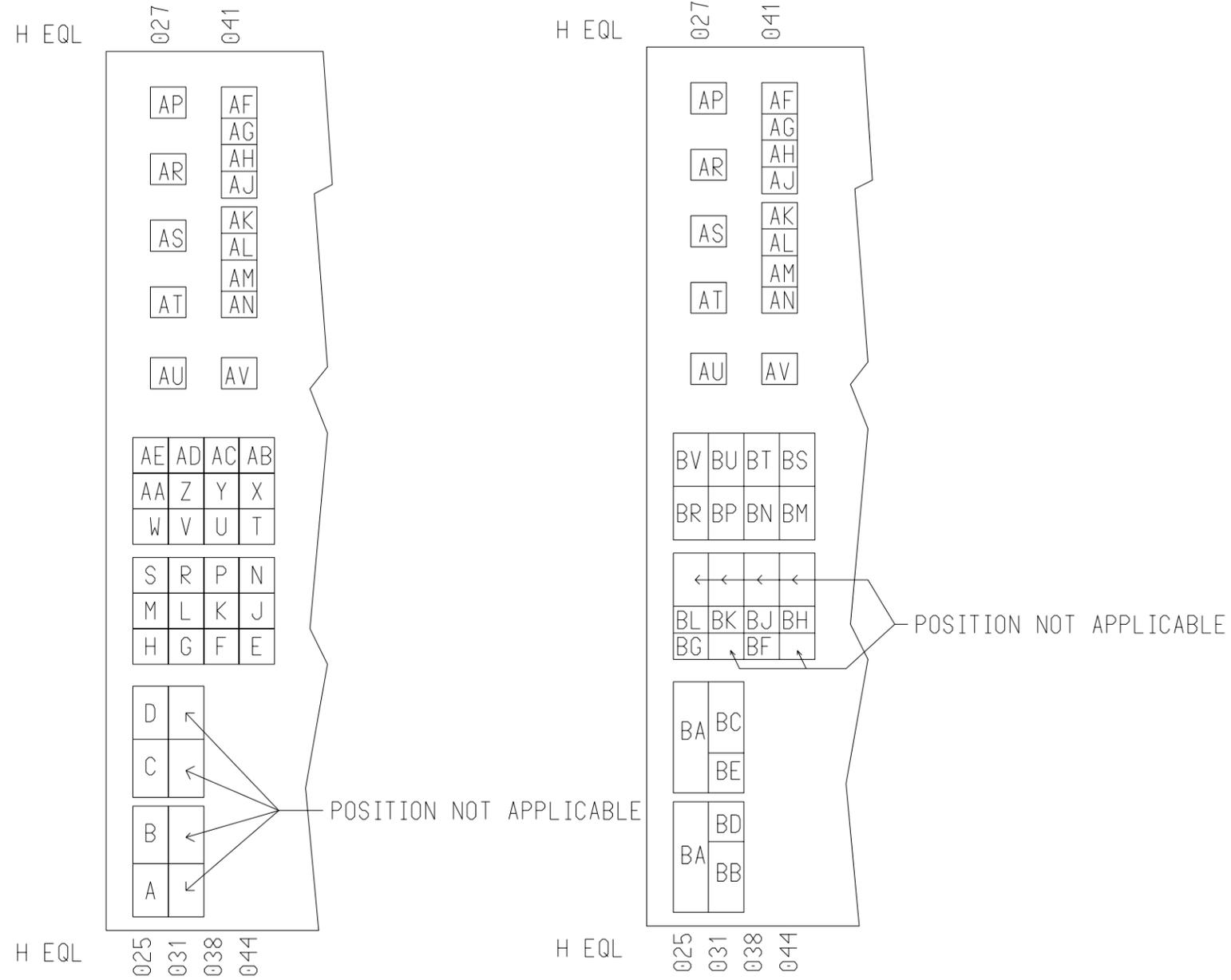
CONNECTORS ON BACKPLANE - CIRCUIT PACK SIDE EXPANSION APPLICATIONS ONLY						
FUNCTION	TO/FROM	DESCRIPTION	(EQL-TERM)	SIZE	IDI	CAD
REMOTE	AIU INTERNAL	PADDLEBOARD	(06-025-001)	2x24	BAI	7
SCAN/DIST CABLES	MDF	AIU SIDE 1	(06-031-001)	2x8	BAI	8
		AIU SIDE 0	(06-031-018)	2x8	BCI	
FAN/FUSE ALARM CABLES	FAN UNIT/ FUSE UNIT	AIU SIDE 1	(06-031-009)	2x4	BDI	9
		AIU SIDE 0	(06-031-014)	2x4	BEI	
CLOCK CABLES	MDF	AIU SIDE 0/TRANSMIT	(06-038-031)	2x3	BFI	10
	MDF	AIU SIDE 1/TRANSMIT	(06-025-031)	2x3	BGI	
	MDF	AIU SIDE 0/RECEIVE	(06-044-034)	2x3	BHI	
	MDF	AIU SIDE 0/TRANSMIT	(06-038-034)	2x3	BJI	
	MDF	AIU SIDE 1/RECEIVE	(06-031-034)	2x3	BKI	
E1/ T1 CABLES	DIST FRAME	AIU SIDE 0/RECEIVE	(06-044-044)	2x6	BMI	11
		AIU SIDE 0/TRANSMIT	(06-038-044)	2x6	BNI	
		AIU SIDE 1/RECEIVE	(06-031-044)	2x6	BPI	
		AIU SIDE 1/TRANSMIT	(06-025-044)	2x6	BRI	
		AIU SIDE 0/RECEIVE	(06-044-050)	2x6	BSI	
		AIU SIDE 0/TRANSMIT	(06-038-050)	2x6	BTI	
		AIU SIDE 1/RECEIVE	(06-031-050)	2x6	BUI	
AIU SIDE 1/TRANSMIT	(06-025-050)	2x6	BVI			

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EQUIPMENT NOTES

CABLING OVERVIEW FOR ACCESS UNIT BACKPLANE
(CABLES INSTALLED DIRECTLY ON BACKPLANE)

NOTE 212.
SEE NOTE 211 FOR ELEMENT ID'S.



HOST APPLICATIONS

OR

EXPANSION OR REMOTE APPLICATIONS

LEFT END OF BACKPLANE AS VIEWED FROM CIRCUIT PACK SIDE

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INFORMATION NOTES

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS,
CAPACITANCE VALUES ARE IN MICROFARADS,
VALUES PRECEDED BY THE SYMBOL + (PLUS)
OR - (MINUS) ARE IN VOLTS.

302.

FEATURE OR OPTION	PROVIDE	
	APP FIG	APP OR WRG QUANTITY
BROADBAND CAPABLE BACKPLANE AND EQUIPMENT FOR BROADBAND ACCESSINTERFACE UNIT. SEE NOTE 202.	1	1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 1, TWO COMDAC CIRCUIT PACKS.	2	2 PER UNIT
	3	2 PER UNIT
	4	2 PER UNIT
IN ADDITION TO APPARATUS FIGURE 1, TWO RING GENERATOR CIRCUIT PACKS. (RGP100).	5	2 PER UNIT
IN ADDITION TO APPARATUS FIGURE 1, ONE LINE CIRCUIT APPLICATION PACK (Z-ANALOG, U-INTERFACE OR T-INTERFACE CIRCUITS) (LPXXX). SEE NOTE 304.	6	MIN OF 1, MAX OF 20 AS RECD.
IN ADDITION TO APPARATUS FIGURE 1, ONE REMOTE CONNECTOR (9822EM)	7	1 PER UNIT
IN ADDITION TO APPARATUS FIGURE 1, ONE TEST ACCESS PACK. (TAP100)	8	1 PER UNIT

INFORMATION NOTES (CONTINUED):

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA

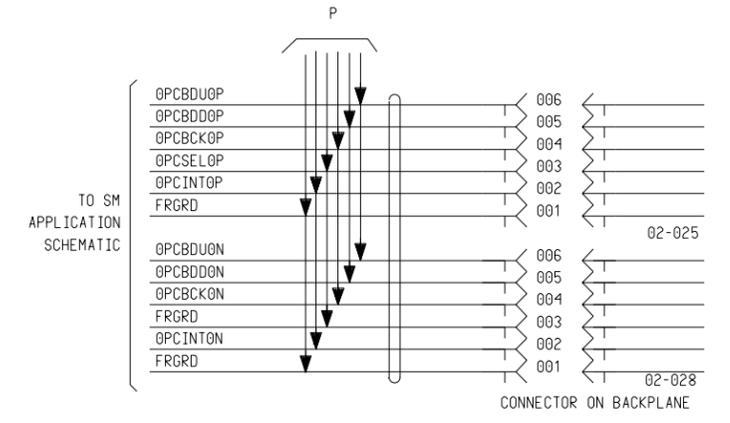
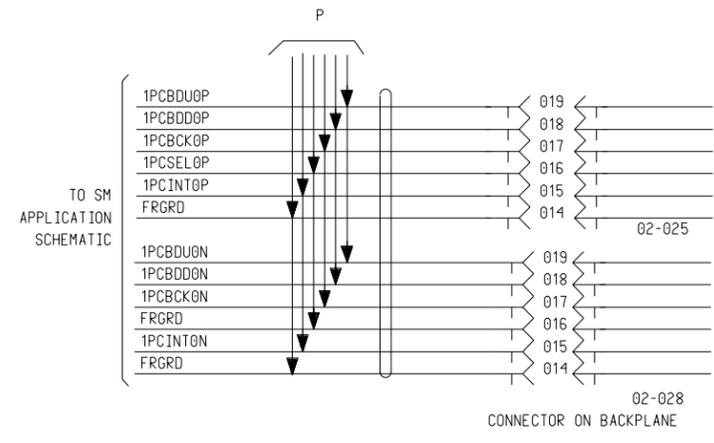
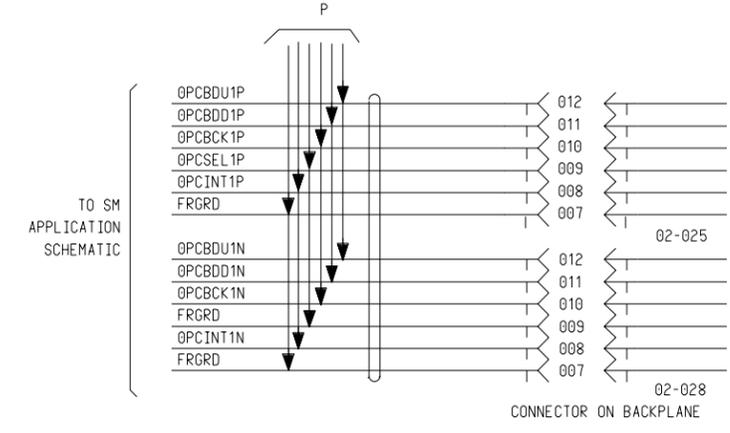
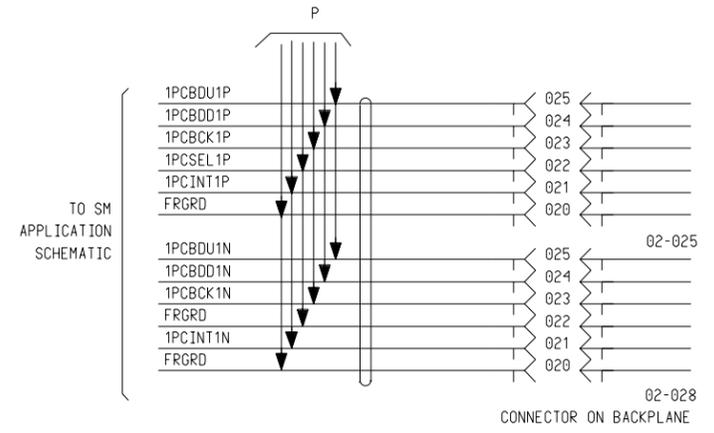
304.

THE TERM APPLICATION PACK INCLUDES ALL CIRCUIT PACKS CODED WITHIN THE "LP", "LPC", "LPP", "LPU", "LPZ", FAMILY, E.G., LPCNND (COIN LINE PACK), LPPNND (PERIODIC PULSE METERING LINE PACK), LPZNND (POTS LINE PACK) AND LPUNND (ISDN PACK). SPECIFIC CIRCUIT PACK CODES AND THEIR FEATURES ARE FOUND IN EQUIPMENT DRAWING J8G000AA.

305.

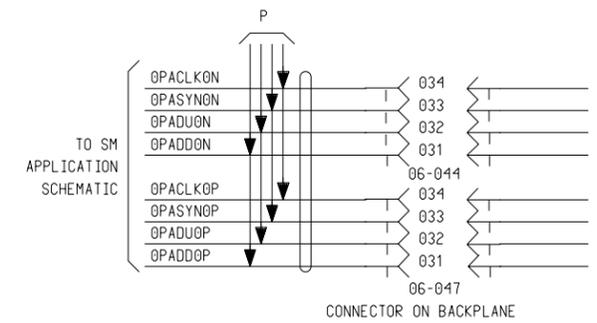
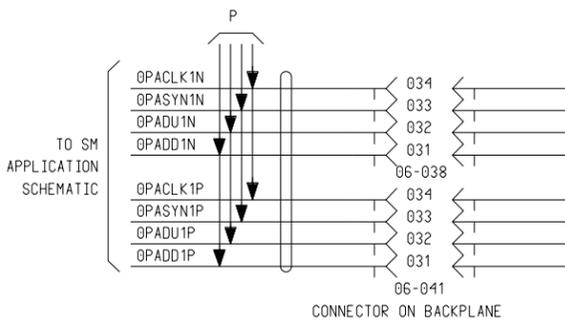
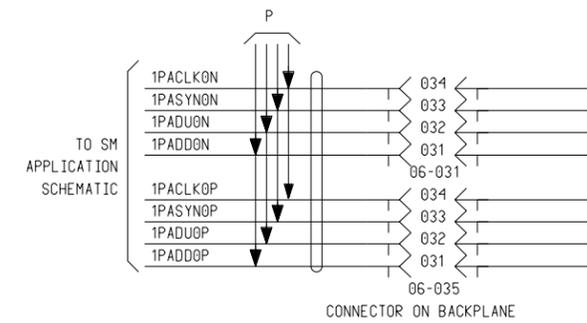
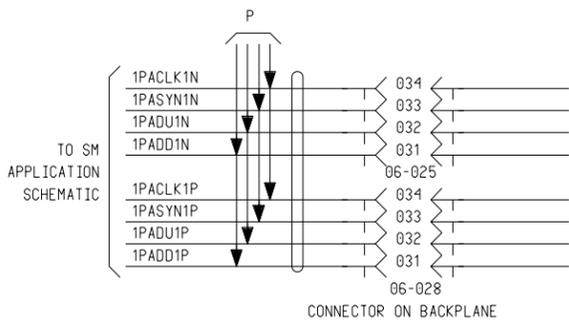
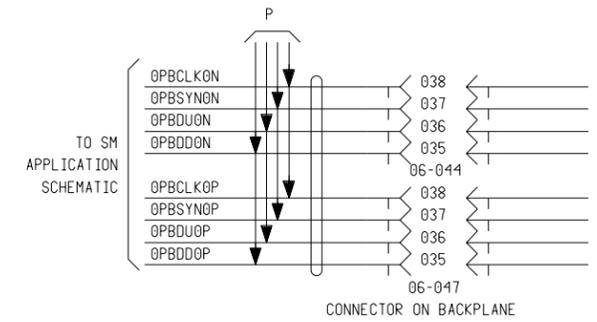
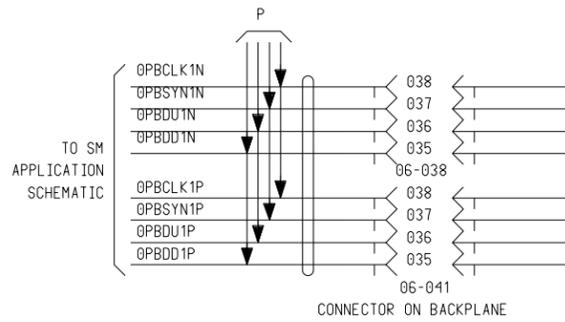
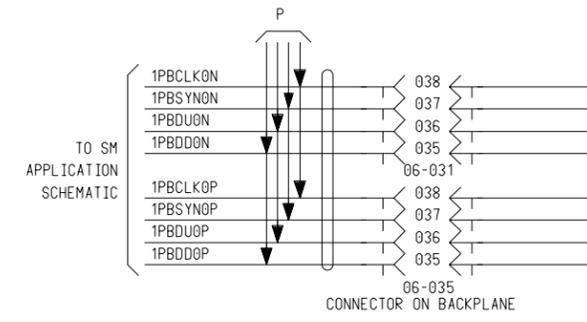
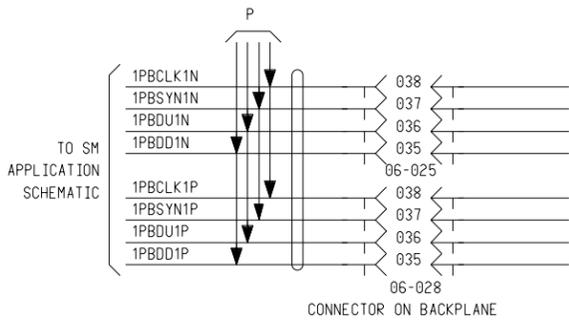
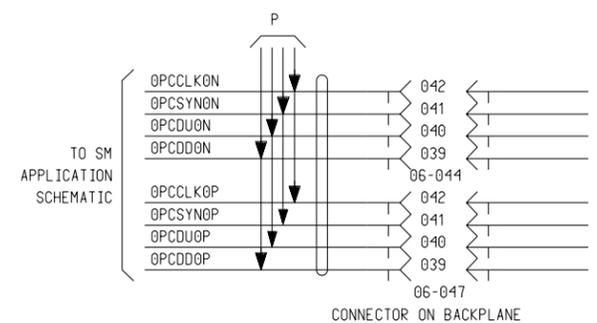
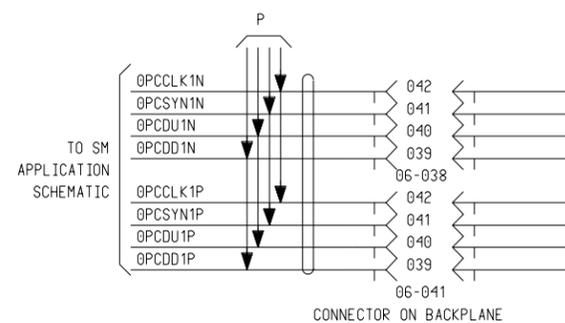
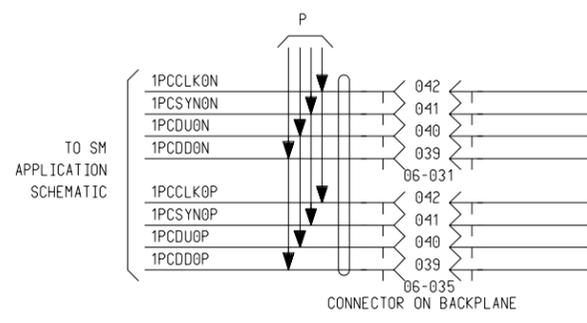
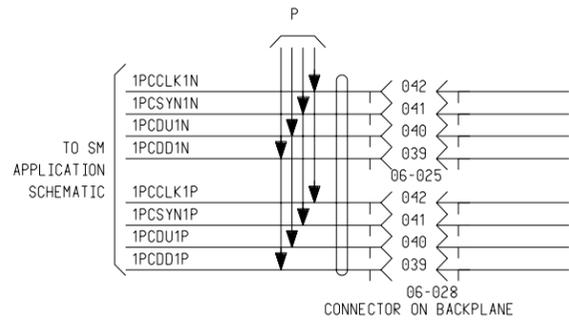
DEPENDING ON TRAFFIC ENGINEERED, EACH AIU CAN BE EQUIPPED WITH ANY COMBINATION OF LINE CIRCUIT APPLICATION PACKS FROM APP. FIGURE 6 UP TO A MAXIMUM TOTAL OF 20; HOWEVER, IF RING GENERATORS FROM APP. FIGURE 5 ARE EQUIPPED, THE MAXIMUM OF APP. FIGURE 6 LINE CIRCUIT APPLICATION PACKS IS 16. AN AIU DOES NOT HAVE TO HAVE ALL AP POSITIONS EQUIPPED BEFORE THE NEXT AIU IS EQUIPPED. LOCATIONS OF THE AP'S ARE SPECIFIED BY THE LINE ENGINEER.

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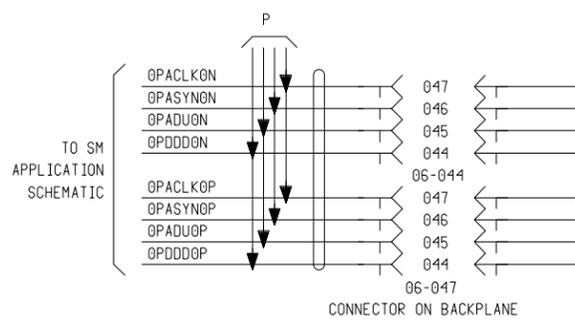
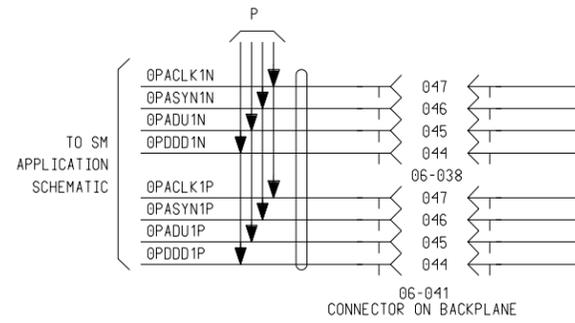
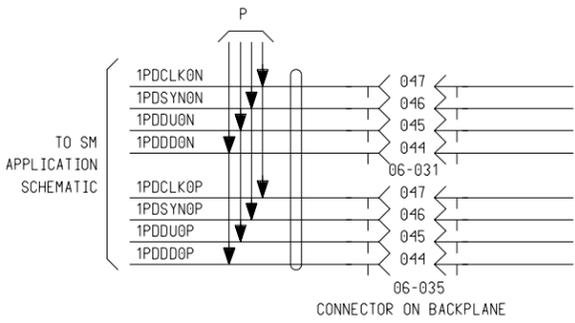
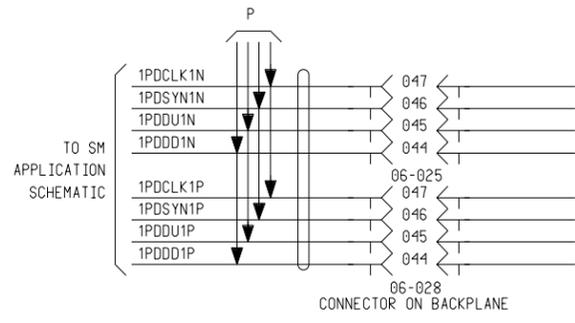
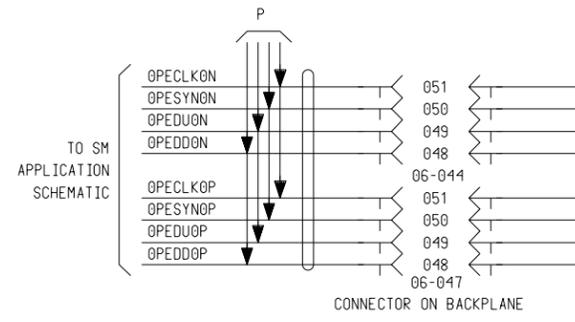
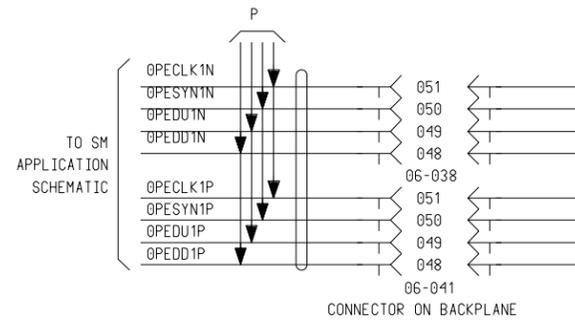
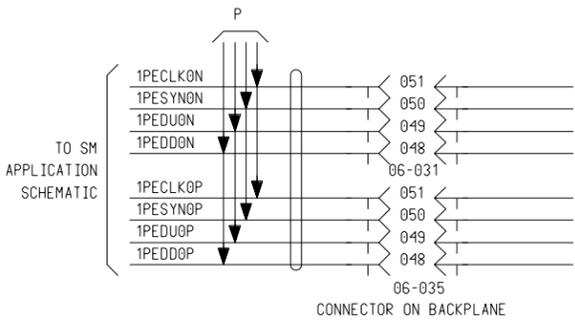
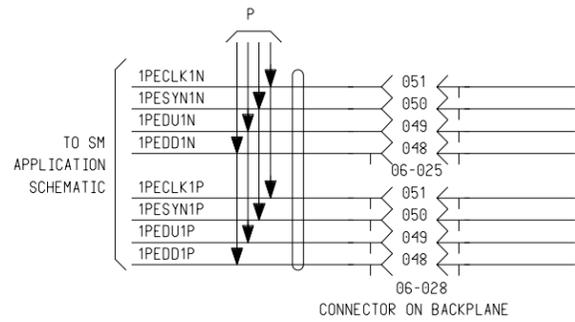
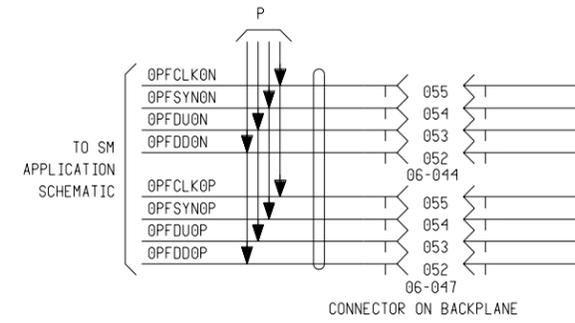
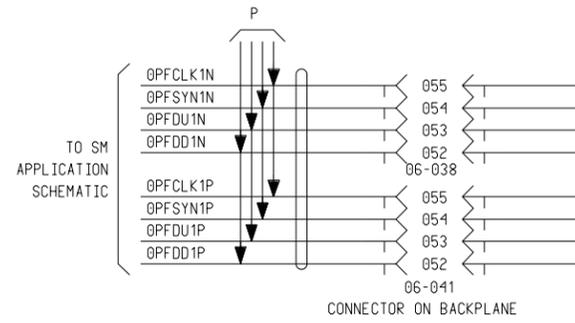
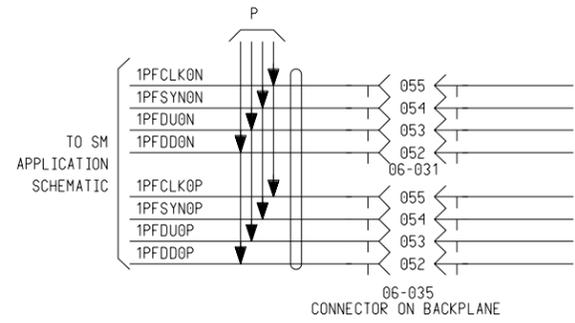
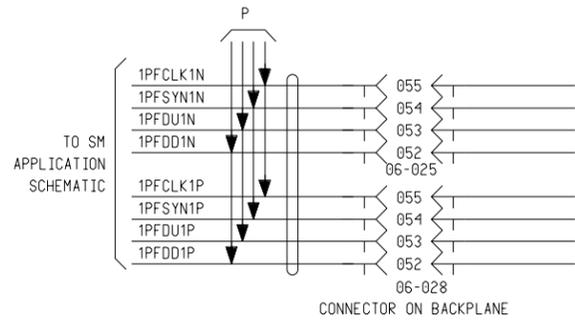
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P/O CAD 2
PIDB



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P/O CAD 2
PIDB

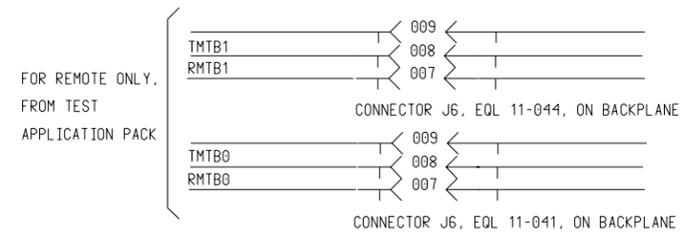
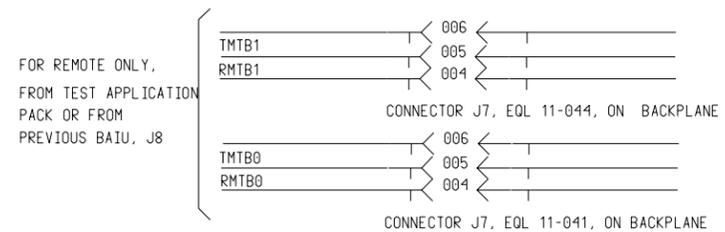
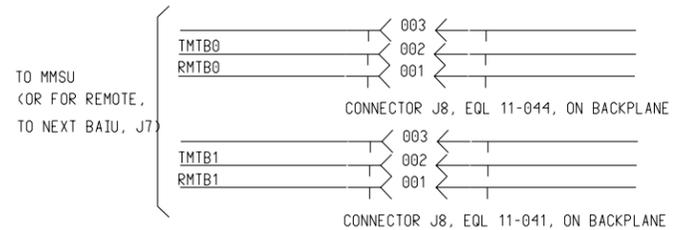


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CAD 3 & CAD 4

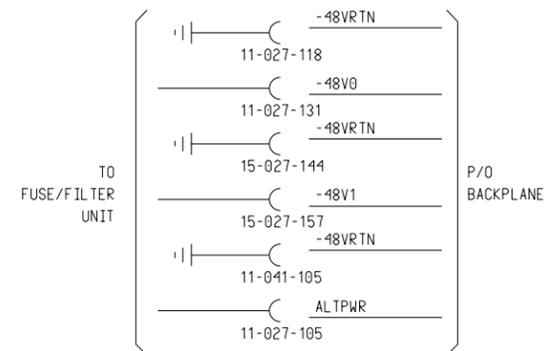
CAD 3

MTB



CAD 4

POWER AND GROUND



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CAD 5 & CAD 6

CAD 5 RING GENERATOR BUS

CAD 6 REPRESENTATIVE OF TIP/RING CONNECTOR, ON LINE APPLICATION PACK FACEPLATE

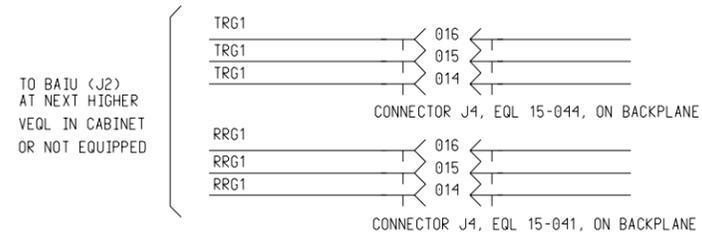
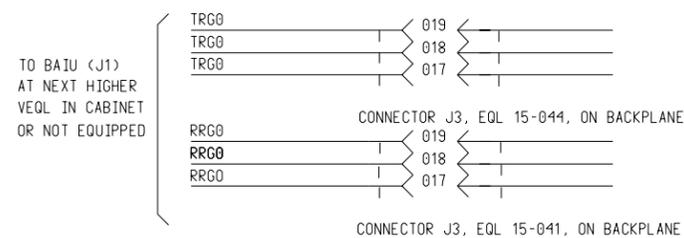
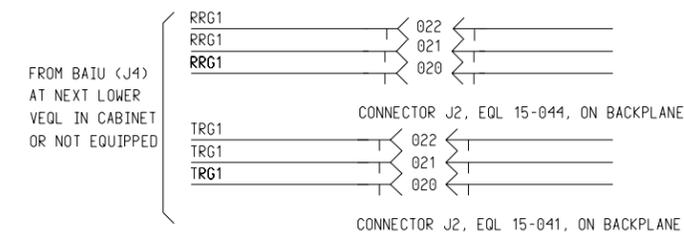
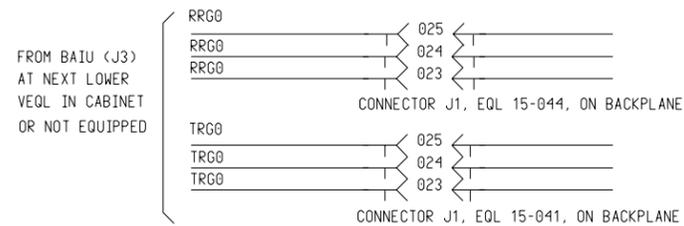
A. 2-WIRE CONNECTIONS

133	STRAP	033	STRAP
132	2R00031	032	2R00015
131	2T00031	031	2T00015
130	2R00030	030	2R00014
129	2T00030	029	2T00014
128	2R00029	028	2R00013
127	2T00029	027	2T00013
126	2R00028	026	2R00012
125	2T00028	025	2T00012
124	2R00027	024	2R00011
123	2T00027	023	2T00011
122	2R00026	022	2R00010
121	2T00026	021	2T00010
120	2R00025	020	2R00009
119	2T00025	019	2T00009
118	2R00024	018	2R00008
117	2T00024	017	2T00008
116	2R00023	016	2R00007
115	2T00023	015	2T00007
114	2R00022	014	2R00006
113	2T00022	013	2T00006
112	2R00021	012	2R00005
111	2T00021	011	2T00005
110	2R00020	010	2R00004
109	2T00020	009	2T00004
108	2R00019	008	2R00003
107	2T00019	007	2T00003
106	2R00018	006	2R00002
105	2T00018	005	2T00002
104	2R00017	004	2R00001
103	2T00017	003	2T00001
102	2R00016	002	2R00000
101	2T00016	001	2T00000
100	GRD	000	GRD

CONNECTOR AS VIEWED FROM CP SIDE OF UNIT

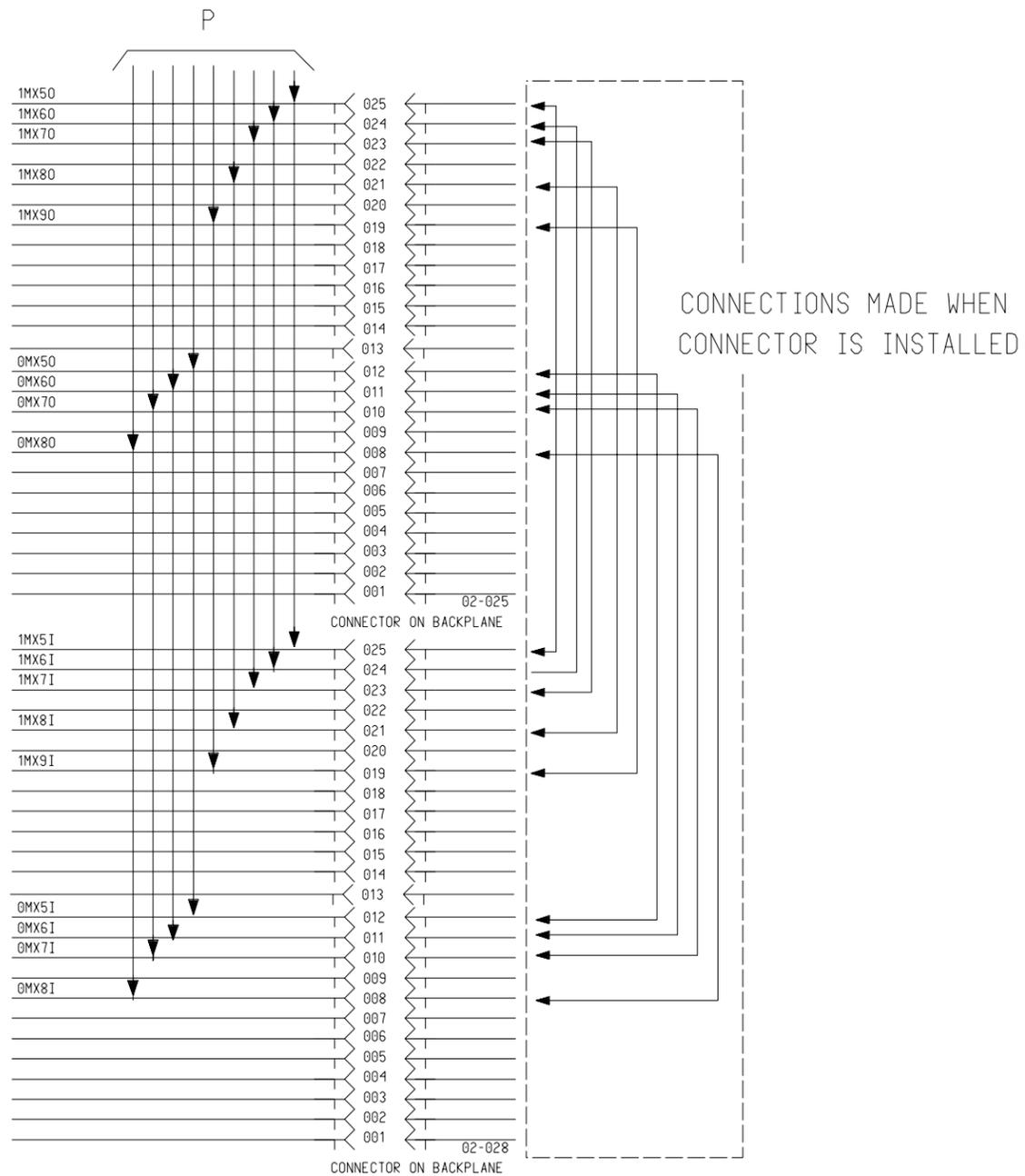
NOTES

1. THIS FIGURE APPLIES TO LINE PACKS CODED LPCNNN, LPPNNN, LPUNNN OR LPZNNN.
2. NET NAMES SHOWN FOR AP00. NET NAMES CHANGE AS 4TH AND 5TH CHARACTERS WILL VARY ACCORDING TO AP NUMBER (I.E., 00 THROUGH 19)
3. ALL TIP/RING OF SAME CIRCUIT NUMBER (LAST 2 DIGITS OF NET NAME) ARE PAIRED.
4. ALL LEADS WITH CIRCUIT NUMBERS 00 THROUGH 31 GO TO MAIN DISTRIBUTING FRAME, EXCEPT FOR ADSL WIRING HARNESSSES.
5. WHEN LINE APPLICATION PACK SUPPORTS FEWER THAN 32 CIRCUITS (E.G., 12, 16, 24 CIRCUITS) THEY ARE ASSIGNED IN THE SAME ORDER SHOWN IN THIS DIAGRAM. THE ADDITIONAL CIRCUITS, UP TO 32, ARE NOT AVAILABLE ON THAT CONNECTOR/CABLE.

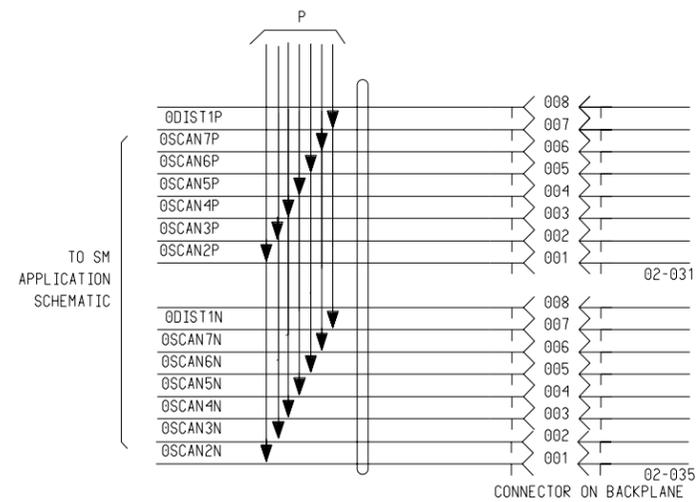
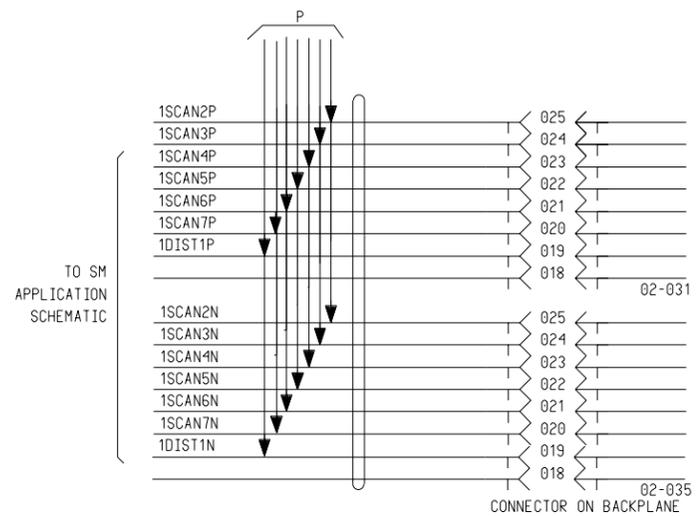


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CAD 8
 REMOTING CONNECTOR - 9822EM
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CAD 8
 SCAN/DISTRIBUTE
 (FOR EXPANSION OR REMOTE APPLICATION ONLY)

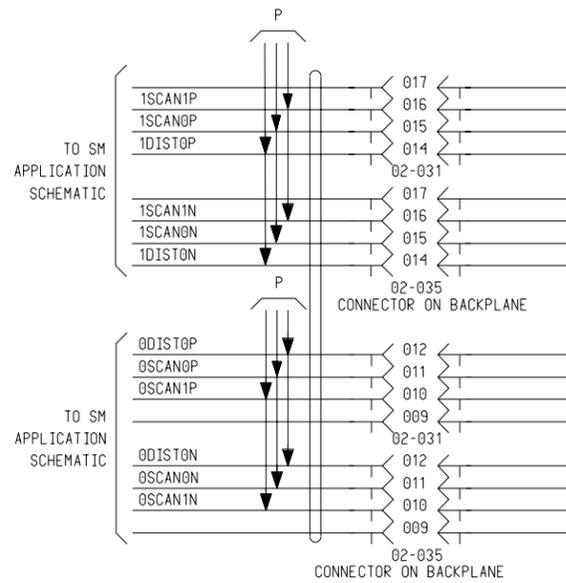


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CAD 9 & CAD 10

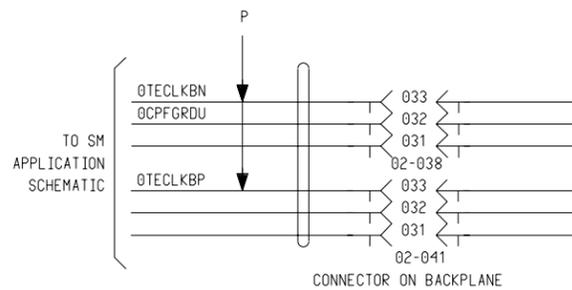
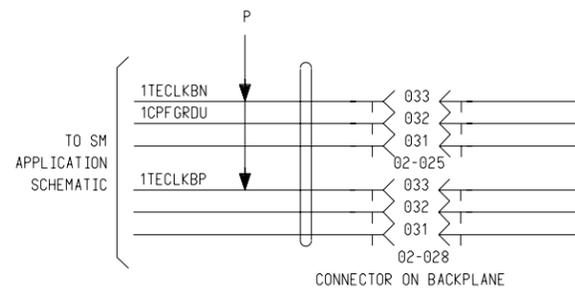
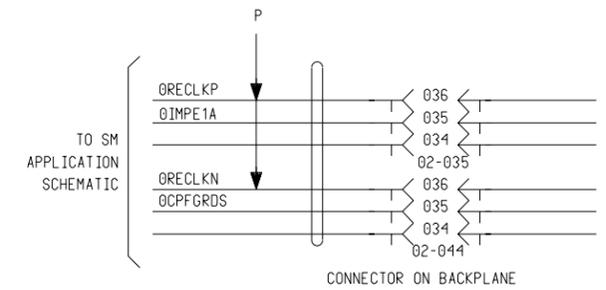
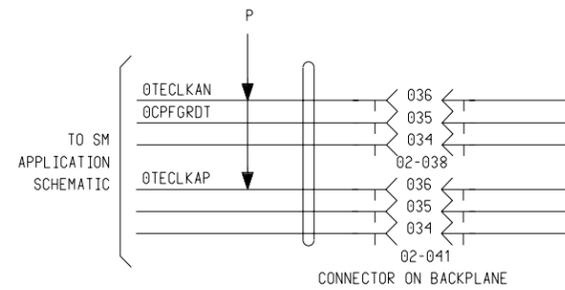
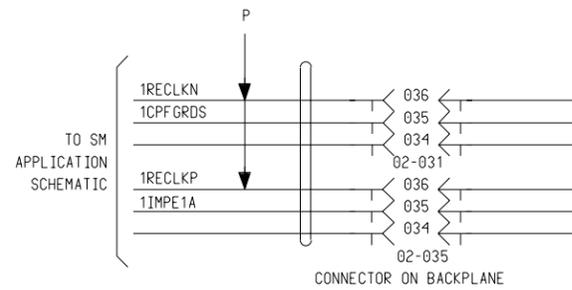
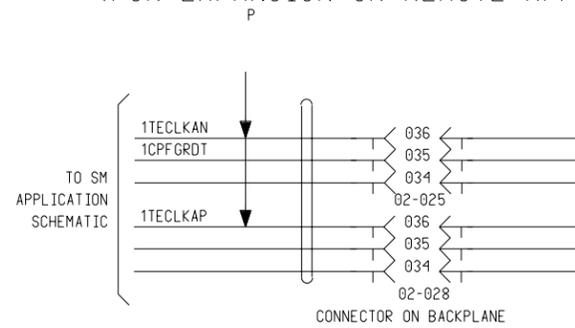
CAD 9

FAN/FUSE ALARM
(FOR EXPANSION OR REMOTE APPLICATION ONLY)



CAD 10

CLOCK
(FOR EXPANSION OR REMOTE APPLICATION ONLY)

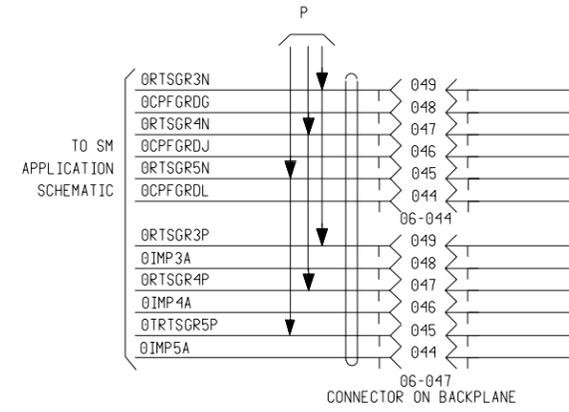
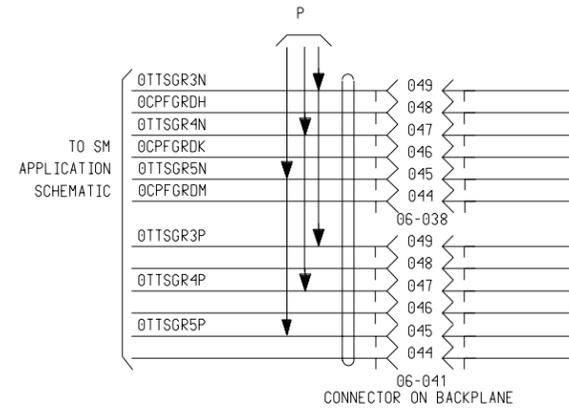
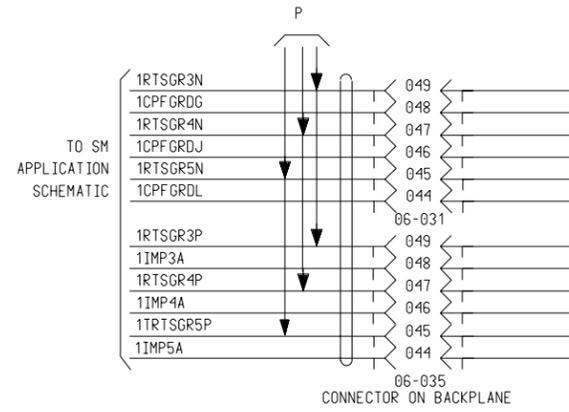
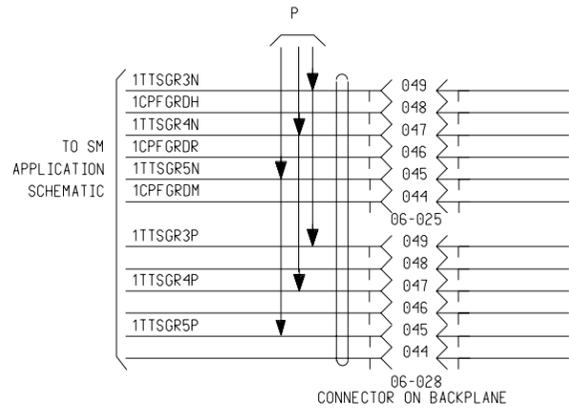
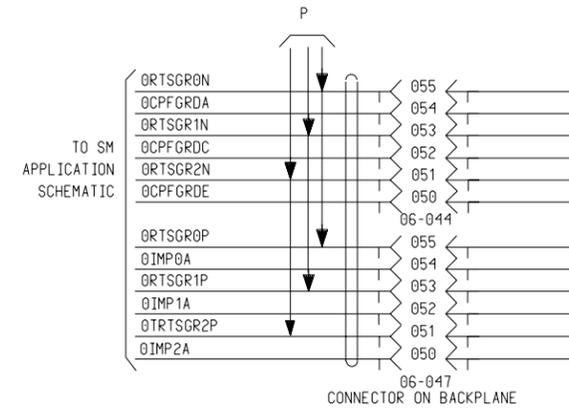
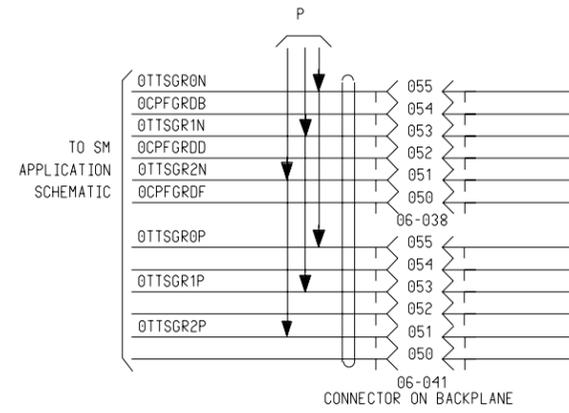
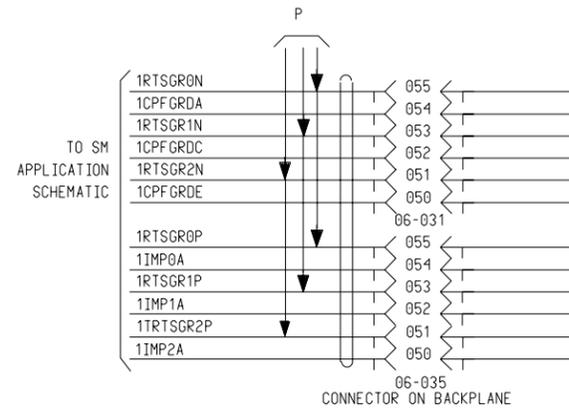
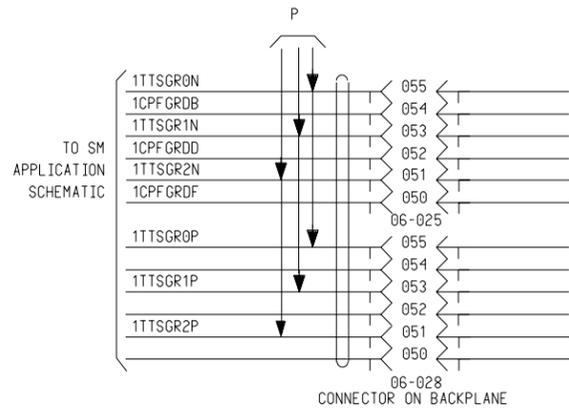


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CAD 11

E1 / T1
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