



RACK UNIT XL48

8 Channel DIGI-LOG Microphone Preamplifier with 96 kHz Converters and ADAT Outputs

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Service Manual

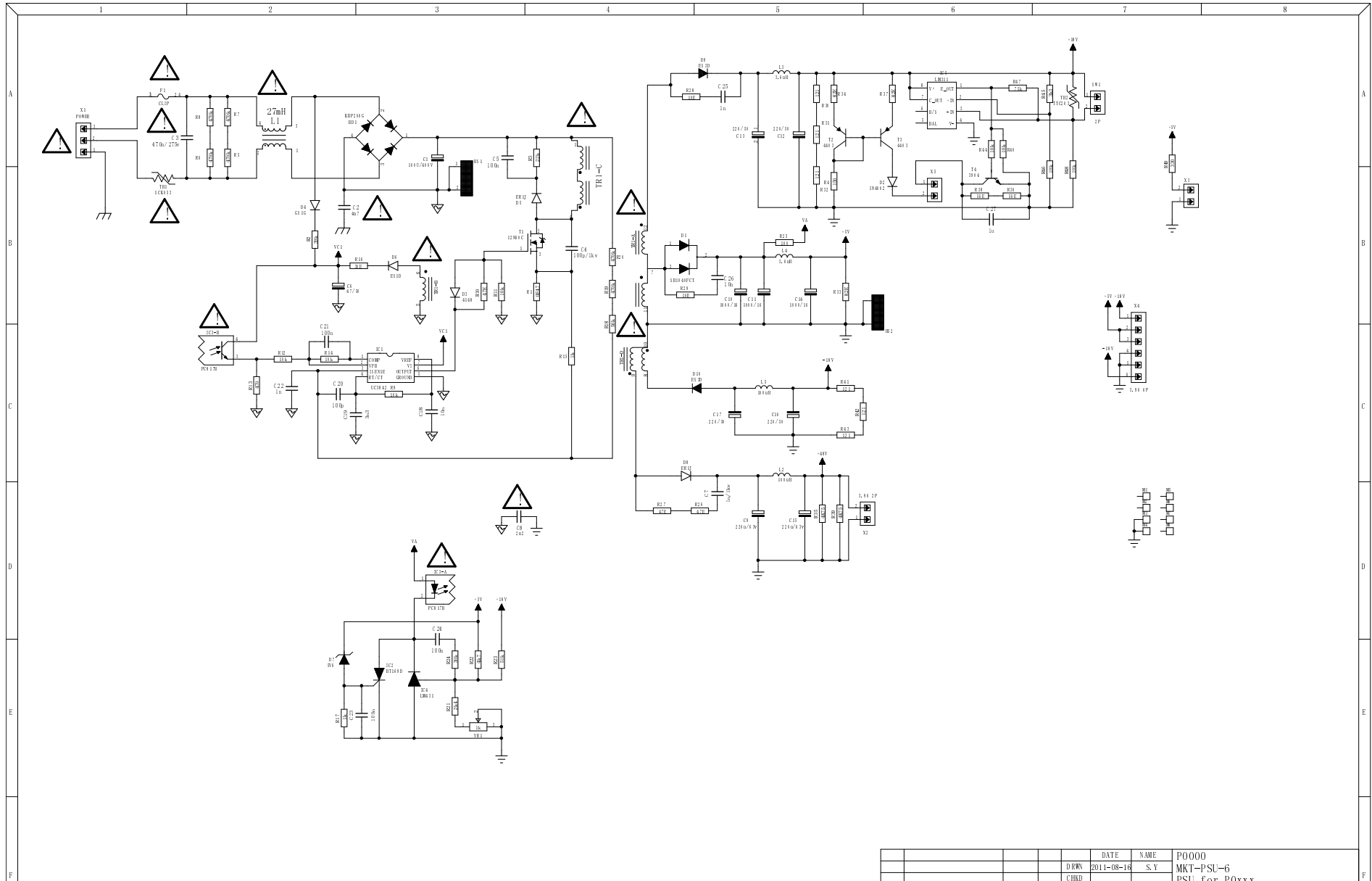
Created: 31 July 2014



RACK UNIT XL48

Specifications

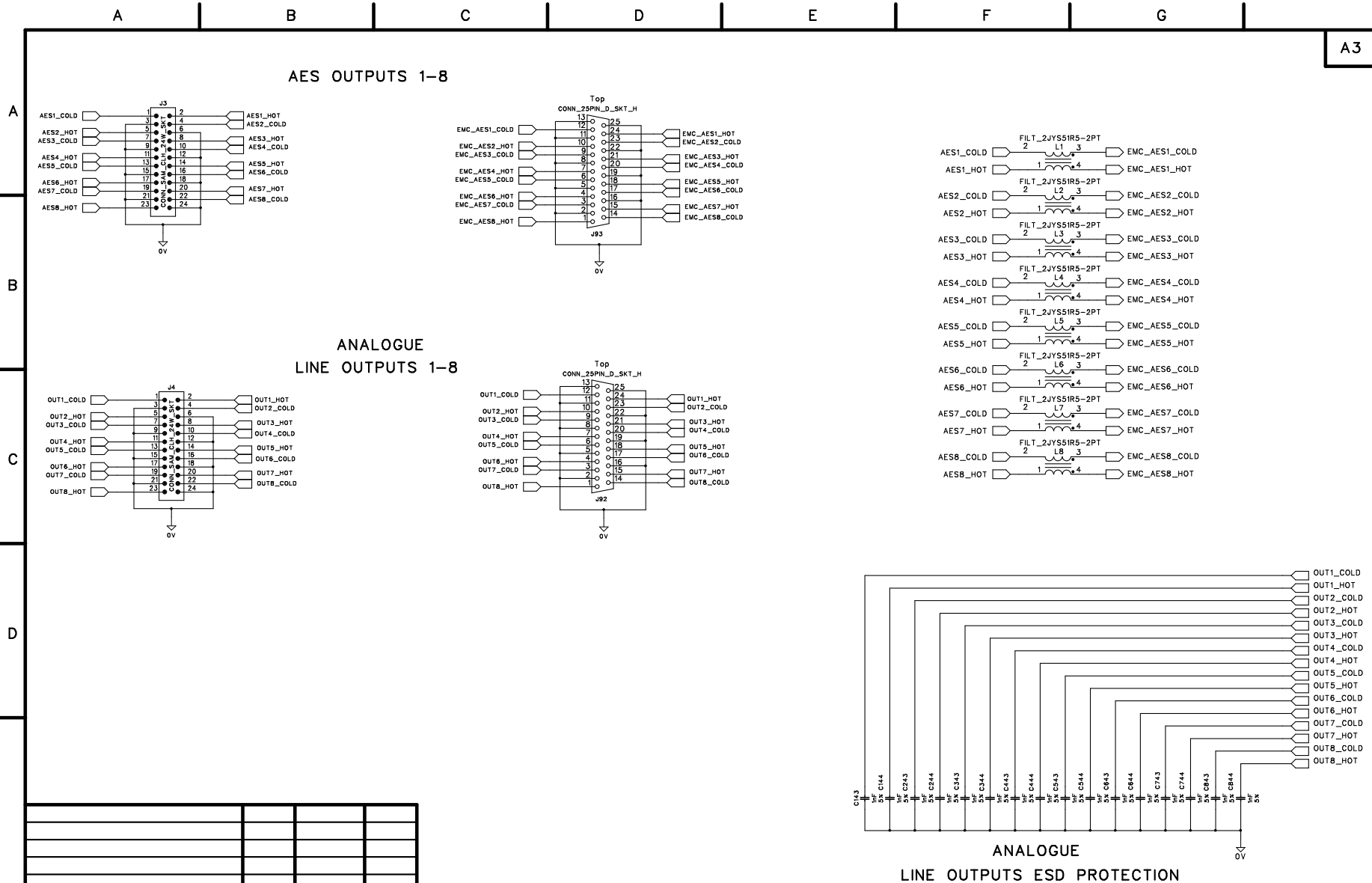
- 8 channel DIGI-LOG microphone preamplifier
- Award-winning MIDAS XL4 analogue microphone preamplifiers with switchable +48 V phantom power
- Low latency 24 bit 96 kHz ADC converters with overload protection
- All-analogue MIDAS XL4 swept low and high pass filters per input
- 2 ADAT* optical output ports with 75 ohm BNC connector for external word clock
- Selectable 96 kHz, 88.2 kHz, 48 kHz or 44.1 kHz sample rate operation
- Internal "AES Grade 1" temperature-compensated word clock (1 ppm)
- 8 inputs with Neutrik* XLR connectors and parallel 25 way D-type connector
- Electronically balanced analogue outputs on a 25 way D-type connector
- Digital AES3 (AES/EBU) outputs on dual 25 way D-type connectors
- Rugged 1U rackmount chassis for durability in portable applications
- Auto-ranging universal switch-mode power supply
- 3-Year Warranty Program**
- Designed and engineered in England



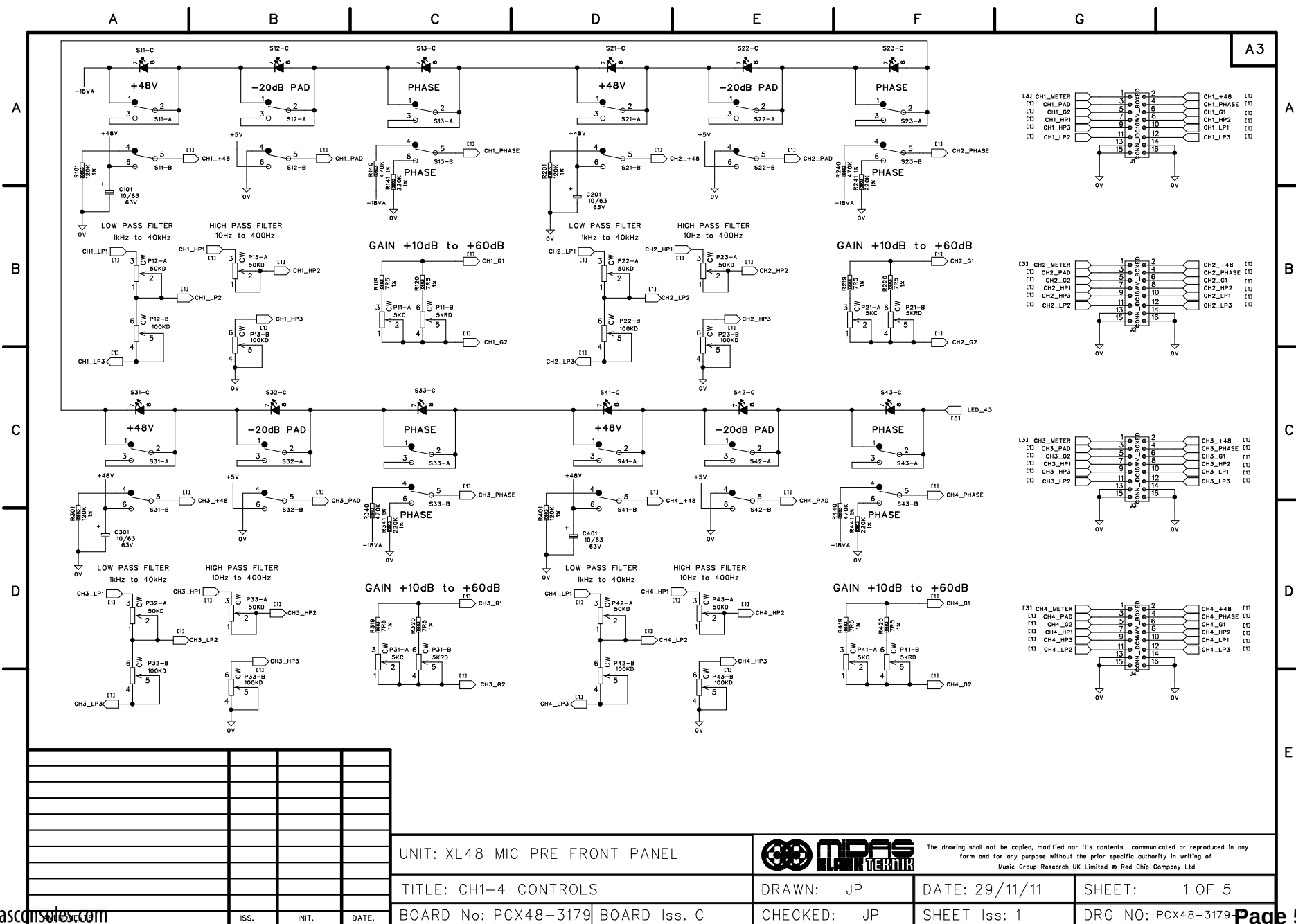
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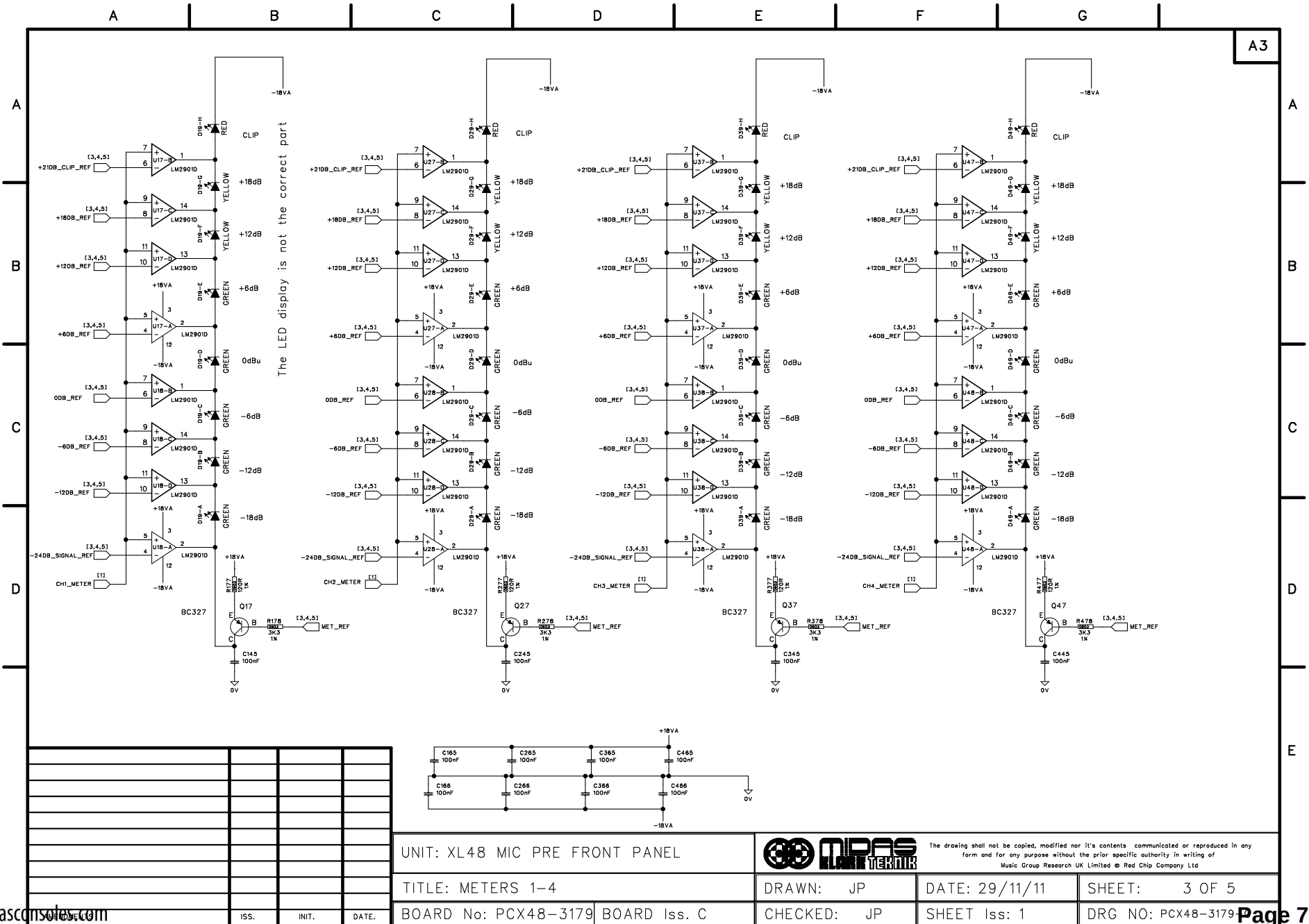
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CHRD		PSU for P0xxx
APPR		
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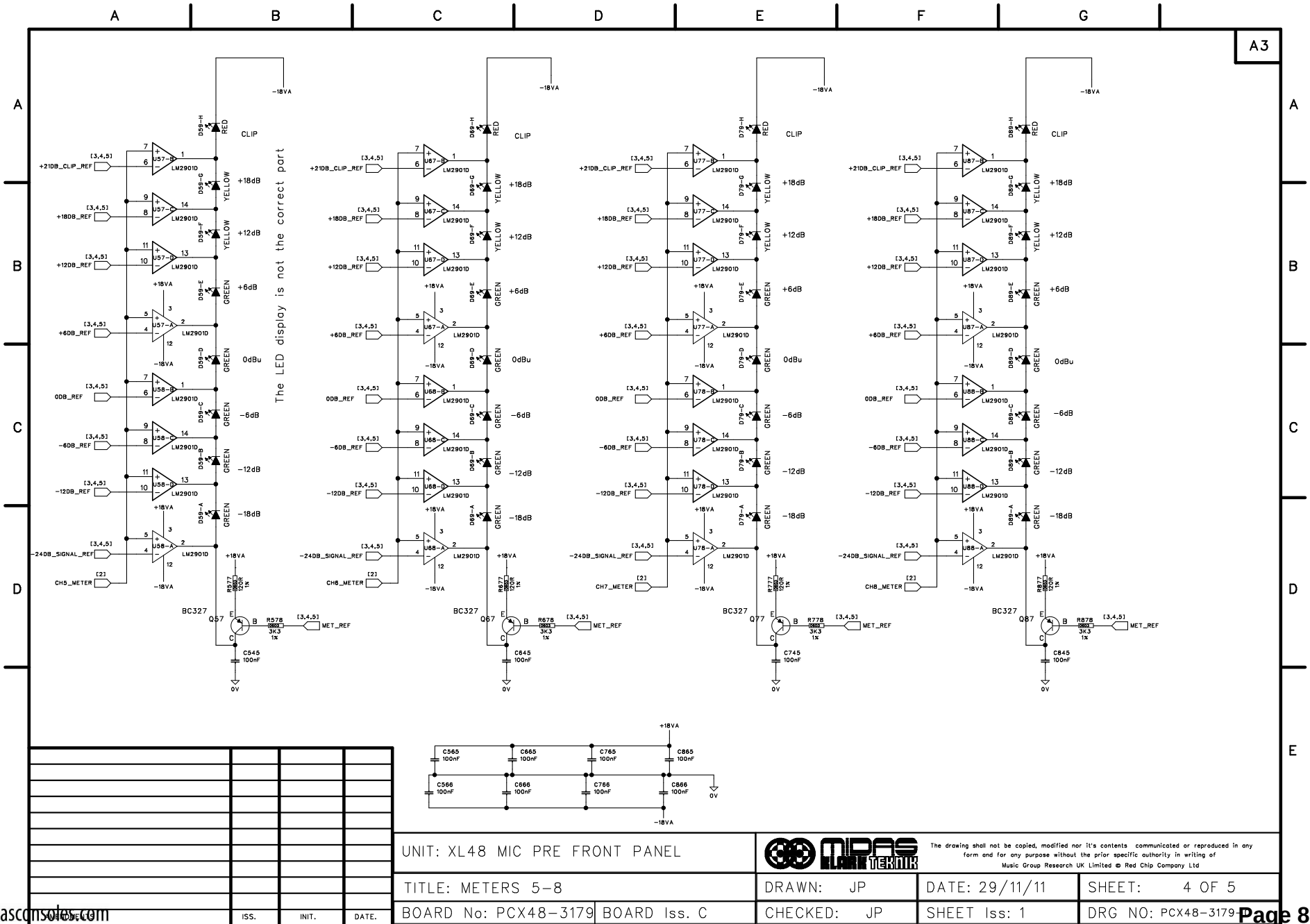
Power Supply
 TYPE: LINEAR / SWPS ☐ / EX ☐
 OUTPUT VOLTAGES: 5.11 1P



UNIT: XL48 REAR PANEL SUB ASSY.						The drawing shall not be copied, modified nor it's contents communicated or reproduced in any form and for any purpose without the prior specific authority in writing of Music Group Research UK Limited © Red Chip Company Ltd	
TITLE: XL48 Rear Panel D connectorS				DRAWN: JP		DATE: 07/12/11	
BOARD NoPCX48-3180				CHECKED: JP		SHEET: 1 OF 1	
BOARD Iss. C				SHEET Iss: C		DRG NO: PCX48-3180	



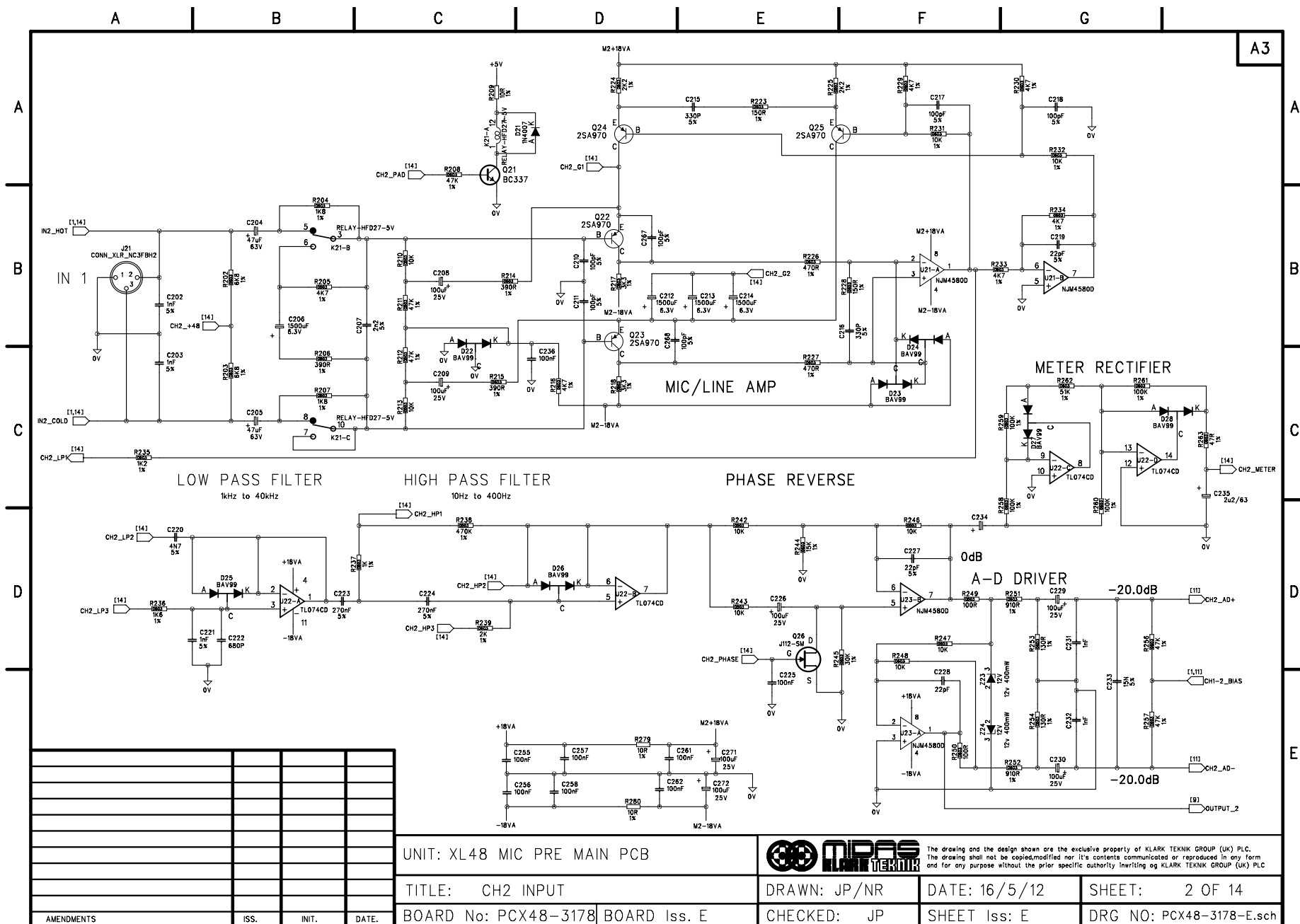




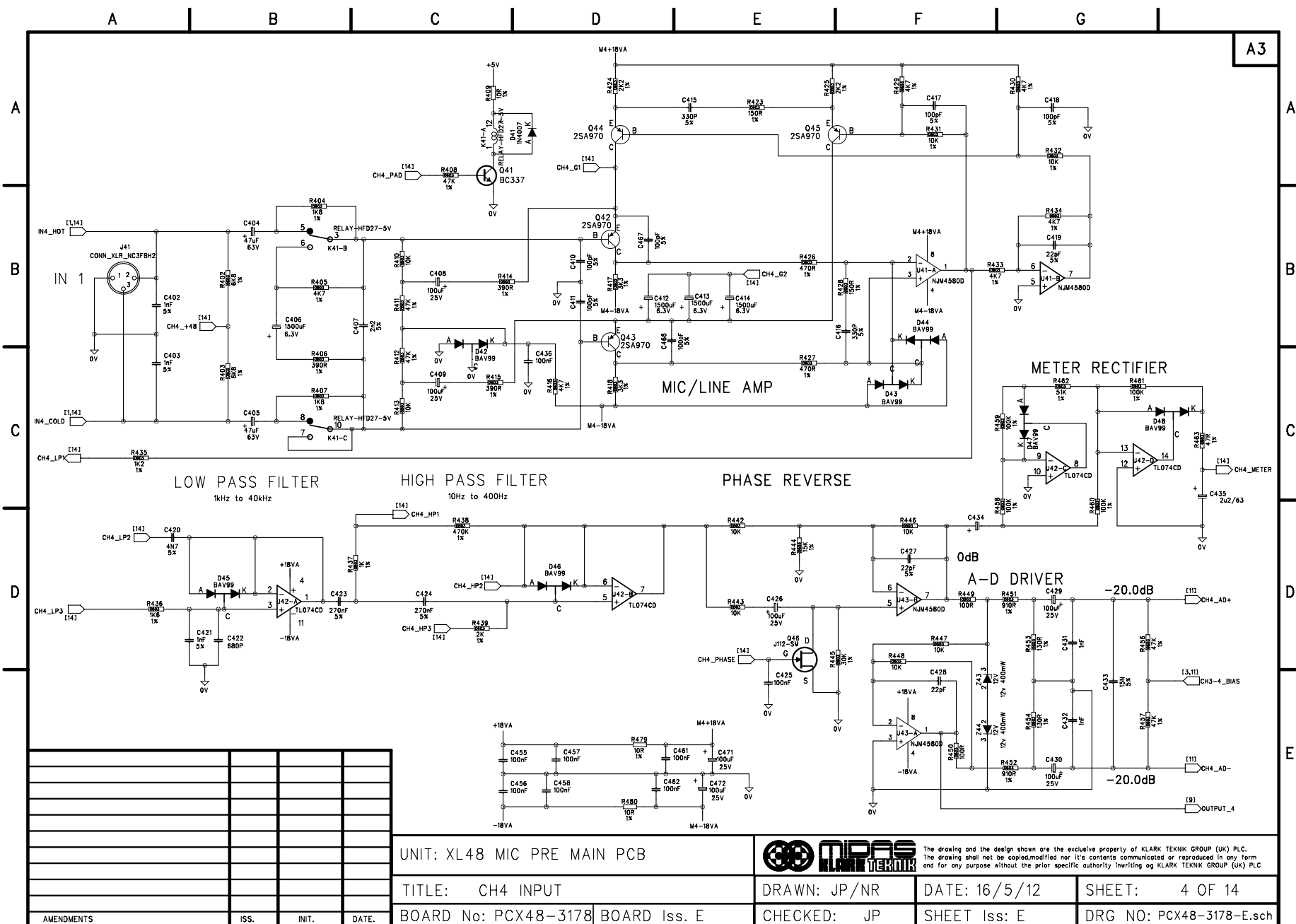


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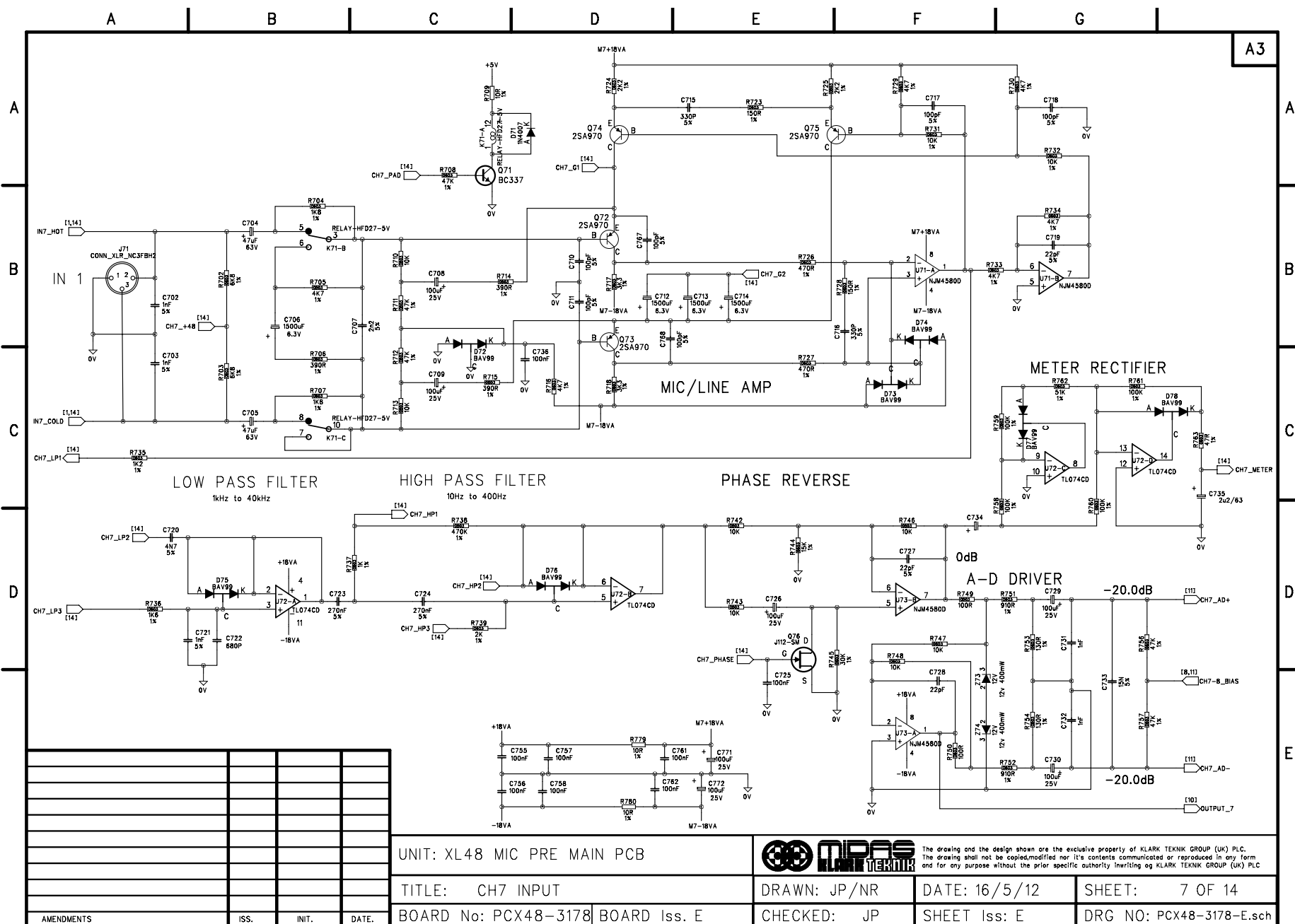


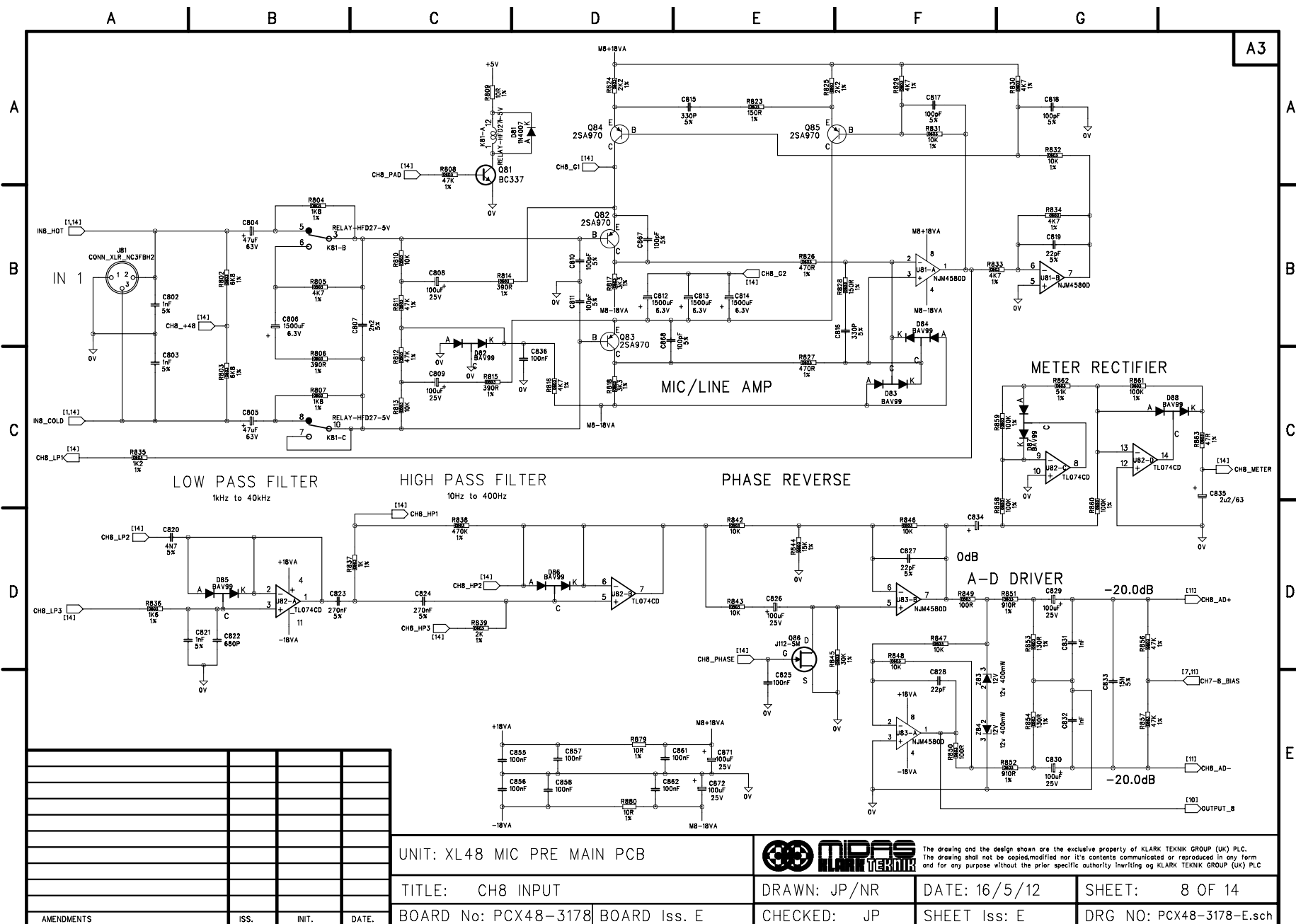


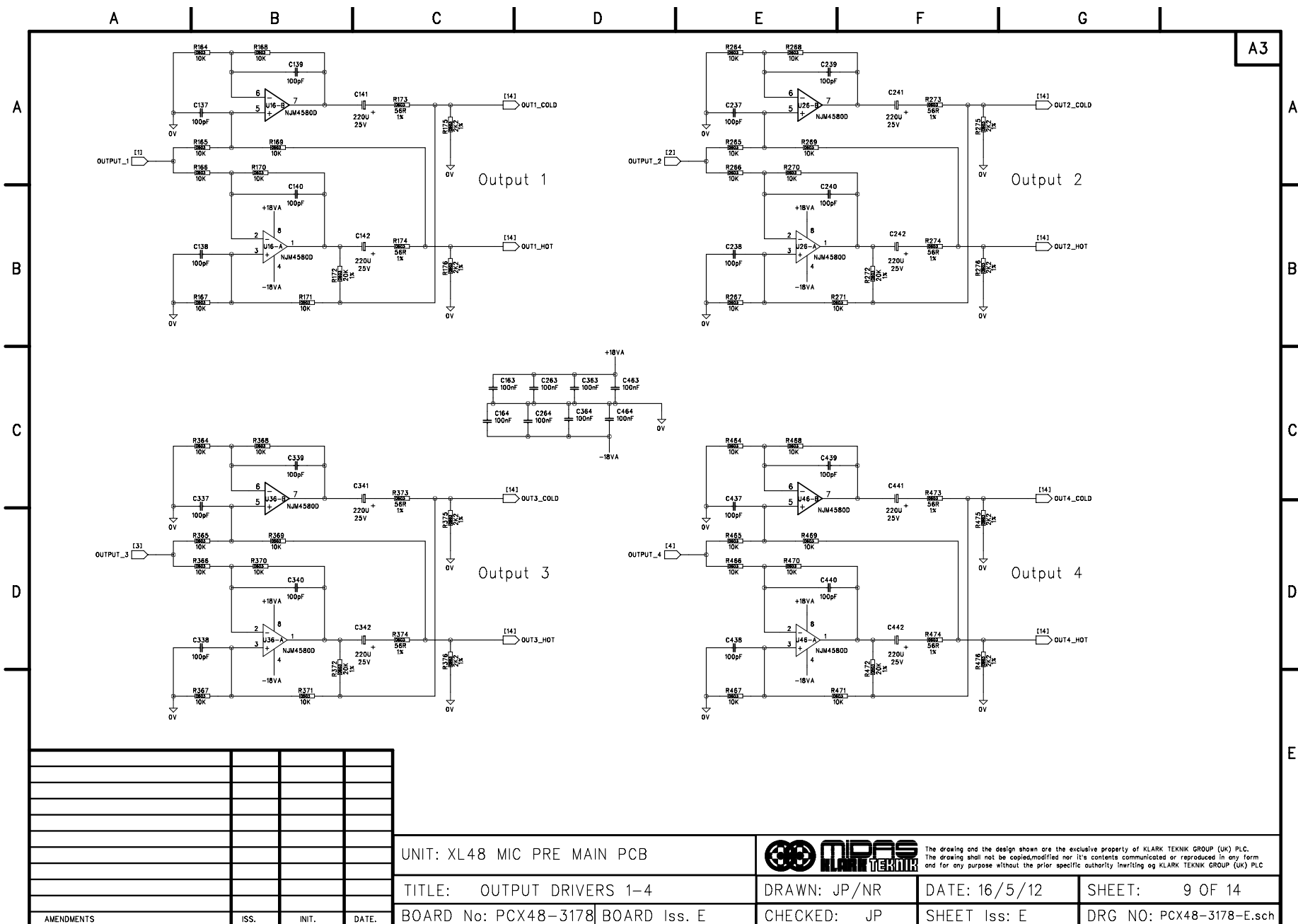


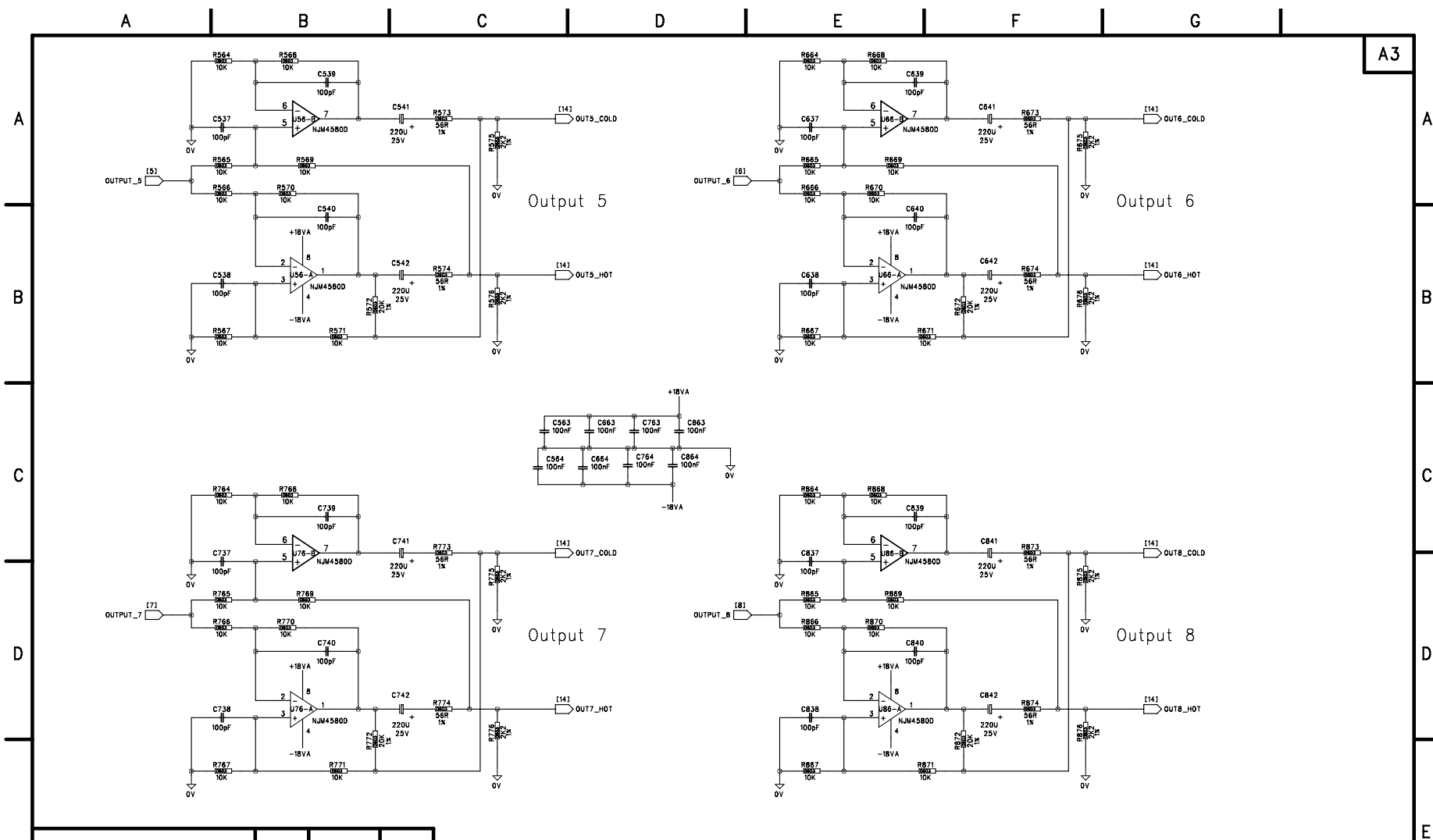










[illegible]

UNIT: XL48 MIC PRE MAIN PCB

TITLE: OUTPUT DRIVERS 5-8

BOARD No: PCX48-3178	BOARD Iss. E
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DRAWN: JP/NR

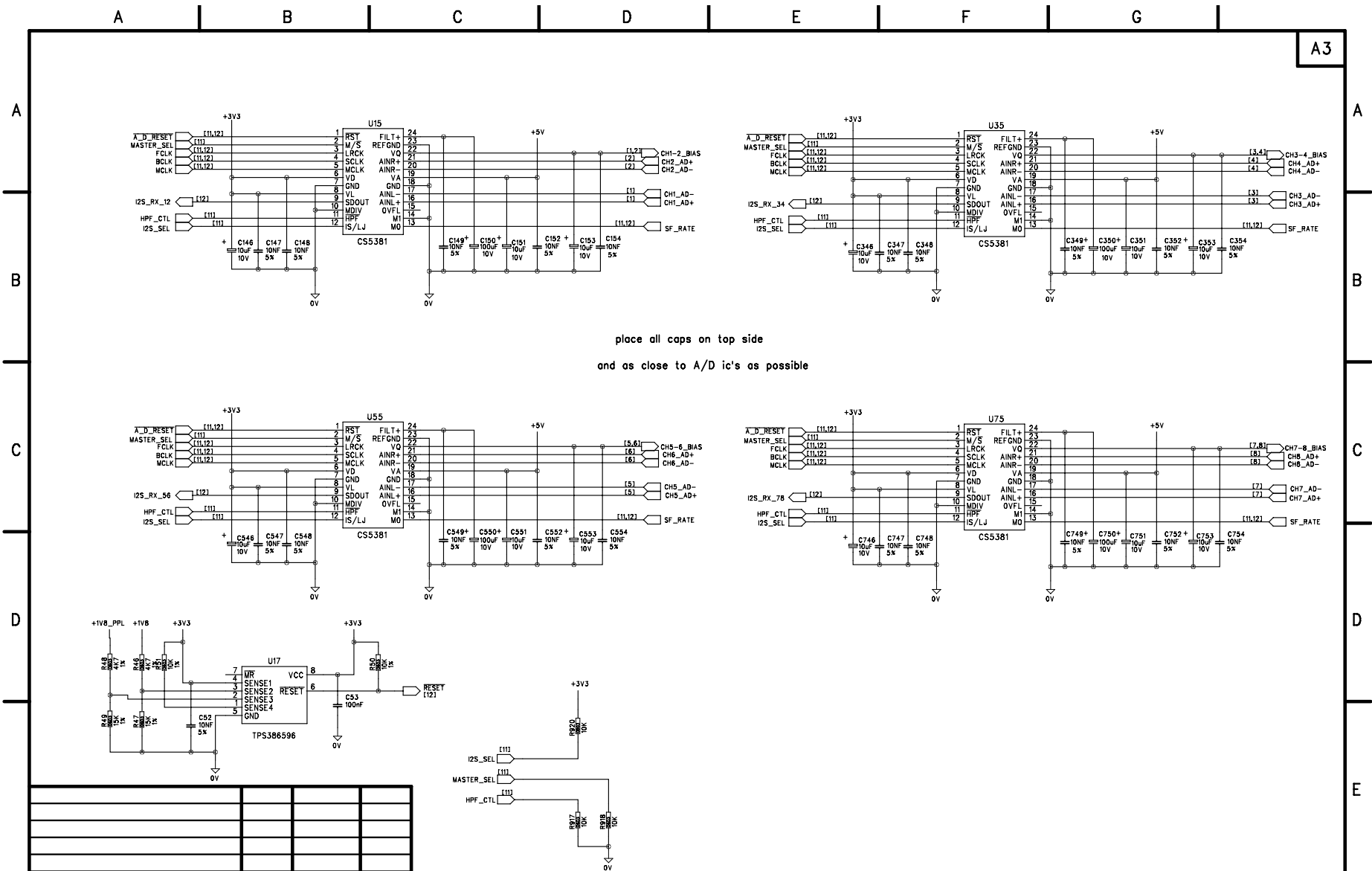
DATE: 16/5/12

SHEET: 10 OF 14

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SHEET	Iss: E
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DRG NO: PCX48-3178-E.sch



UNIT: XL48 MIC PRE MAIN PCB

TITLE: A-D 1-8

BOARD No: PCX48-3178

BOARD Iss: E



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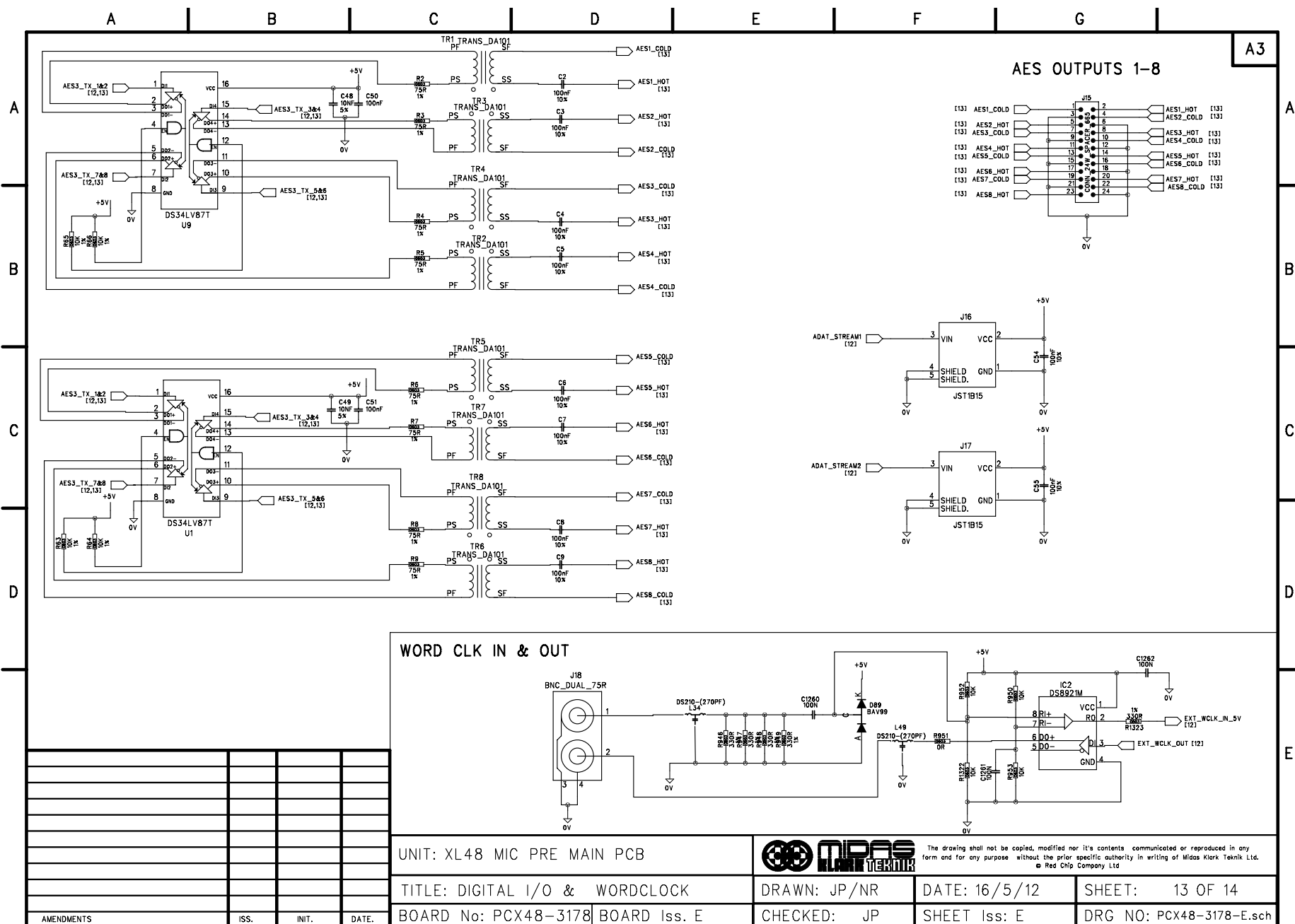
SHEET: 11 OF 14

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SHEET Iss: E

DRG NO: PCX48-3178-E.sch







Hi Pcb Assemblies

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	Q05-00001-17101	A05-00001-17101	PCB ASSEMBLY;1;A;HI;PSU;MKT-PSU-6		
2	1.0000	PC	Q05-AJI02-00105	A05-AJI02-00105	PCB ASSEMBLY;P0AJI;2;E;HI;XL48-02; MAIN		
3	1.0000	PC	Q05-AJI03-00103	A05-AJI03-00103	PCB ASSEMBLY;P0AJI;3;C;HI;XL48-03; FRONT		
4	1.0000	PC	Q05-AJI04-00103	A05-AJI04-00103	PCB ASSEMBLY;P0AJI;4;C;HI;XL48-04; CONNECTOR;		

Cable

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		A87-00000-46706	CABLE ASSEMBLY;STRAND WIRE;AWG:20;UL1015;3.96 MM;5;100 MM;MAINS INLET, LIVE, NEUTRAL, & EARTH WITH TAG		
2	1.0000	PC		A87-00000-46707	CABLE ASSEMBLY;STRAND WIRE;AWG:18;UL1007;1;100 MM;MAINS INLET, EARTH WITH TAG		
3	1.0000	PC		A87-00000-46708	CABLE ASSEMBLY;STRAND WIRE;AWG:18;UL1007;3.96 MM;2;90 MM;48V LINK		
4	1.0000	PC		A87-00000-46709	CABLE ASSEMBLY;STRAND WIRE;AWG:18;UL1007;3.96 MM;6;130MM;PSU LINK		
5	1.0000	PC		A87-00000-46710	CABLE ASSEMBLY;STRAND WIRE;AWG:24;UL1007;2.54 MM;2;200 MM;40MM FAN		
6	8.0000	PC		A87-00000-46711	CABLE ASSEMBLY;STRAND WIRE;AWG:28;UL2651;2.54 MM;16;65 MM		
7	1.0000	PC		A87-00000-60597	CABLE ASSEMBLY;STRAND WIRE;AWG:24;25;COMMON;1000 MM;25 Way D-Type to 8 x Male XLR;Rev:B		
8	1.0000	PC	Q76-00000-07314	A76-00000-07314	CABLE;AC-CORD;3;2500 MM;BLACK;CEE 7/7+IEC60320 C13;H05VVF3G1.00		(EU)
9	1.0000	PC	Q76-00000-07313	A76-00000-07313	CABLE;AC-CORD;AWG:18;3;UL1;2340 MM;BLACK;NEMA5-15+IEC60320 C13		(UL)
10	1.0000	PC	Q76-00000-52383	A76-00000-52383	CABLE;AC-CORD;AWG:18;3;CCC;BLACK;2500 MM;Chinese cordset-RVV-IEC60320 C13		(CCC)
11	1.0000	PC	Q76-00000-07952	A76-00000-07952	CABLE;AC-CORD;3;2300 MM;BLACK;JIS 1303+IEC 60320 C13;FT.VCTF		(JP)
12	1.0000	PC	Q76-00000-12776	A76-00000-12776	CABLE;AC-CORD;3;2000 MM;BLACK;Australia 3-Pin Plug;10A;250V;IEC320 C13 Connector		(SAA)
13	1.0000	PC		A76-00000-52382	CABLE;AC-CORD;AWG:18;3;AR;BLACK;2500 MM;IRAM2073-H05VVF3G1.00-IEC60320 C13		(AR)
14	1.0000	PC	Q76-00000-07955	A76-00000-07955	CABLE;AC-CORD;3;2500 MM;BLACK;BS 1363+IEC 60320 C13;H05VVF3G1.00		(UK)

Capacitor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	16.0000	PC			CAP E;220 uF;25 V;20 %;RADIAL;8mmX11mm5;3.5 MM	[P0AJI:02: {16.0}(C141-C142, C241-C242, C341-C342, C441-C442, C541-C542, C641-C642, C741-C742, C841-C842)]	*NOT available in DP
2	64.0000	PC			CAP E;100 uF;25 V;20 %;RADIAL;6mm3X11mm;2.5 MM	[P0AJI:02: {64.0}(C10, C108-C109, C126, C129-C130, C171-C172, C208-C209, C226, C229-C230, C271-C272, C308-C309, C326, C329-C330, C371-C372, C408-C409, C426, C429-C430, C471-C472, C508-C509, C526, C529-C530, C571-C572, C608-C609, C626, C629-C630, C671-C672, C708-C709, C726, C729-C730, C771-C772, C808-C809, C826, C829-C830, C871-C872, C960-C963, C972, C980-C981)]	*NOT available in DP
3	16.0000	PC			CAP E;47 uF;63 V;20 %;RADIAL;6mm3X11mm2;2.5 MM	[P0AJI:02: {16.0}(C104-C105, C204-C205, C304-C305, C404-C405, C504-C505, C604-C605, C704-C705, C804-C805)]	*NOT available in DP
4	8.0000	PC			CAP E;2uF2;63V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AJI:02: {8.0}(C135, C235, C335, C435, C535, C635, C735, C835)]	*NOT available in DP
5	9.0000	PC			CAP E;10uF;63V;PITCH:2mm5;6mm x 11mm;VERTICAL 12.7-15-9mm	[P0AJI:02: {9.0}(C134, C234, C334, C434, C534, C634, C734, C834, C968)]	*NOT available in DP
6	8.0000	PC			CAP E;10uF;63V;PITCH:2mm5;6mm x 11mm;PRECUT:3mm2 -0/+0mm2	[P0AJI:03: {8.0}(C101, C201, C301, C401, C501, C601, C701, C801)]	*NOT available in DP
7	2.0000	PC			CAP CER;10 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {2.0}(C20-C21)]	*NOT available in DP
8	8.0000	PC			CAP CER;680 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {8.0}(C122, C222, C322, C422, C522, C622, C722, C822)]	*NOT available in DP
9	7.0000	PC			CAP CER;1 nF;100 V;C0G;5 %;SMD805	[P0AJI:02: {7.0}(C38, C40-C44, C69)]	*NOT available in DP
10	149.0000	PC			CAP CER;100 nF;50 V;X7R;10 %;SMD805	[P0AJI:02: {124.0}(C1-C9, C11-C13, C15, C24-C29, C50-C51, C53-C67, C125, C136, C155-C158, C161-C164, C225, C236, C255-C258, C261-C264, C325, C336, C355-C358, C361-C364, C425, C436, C455-C458, C461-C464, C525, C536, C555-C558, C561-C564, C625, C636, C655-C658, C661-C664, C725, C736, C755-C758, C761-C764, C825, C836, C855-C858, C861-C864, C964-C967, C969, C973, C975, C983)] [P0AJI:03: {25.0}(C145, C165-C166, C245, C265-C266, C345, C365-C366, C445, C465-C466, C545, C565-C566, C645, C665-C666, C745, C765-C766, C845, C865-C866, C984)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
11	81.0000	PC			CAP CER;100 pF;100 V;C0G;5 %;SMD805	[P0AJI:02: {81.0}(C22, C110-C111, C117-C118, C137-C140, C167-C168, C210-C211, C217-C218, C237-C240, C267-C268, C310-C311, C317-C318, C337-C340, C367-C368, C410-C411, C417-C418, C437-C440, C467-C468, C510-C511, C517-C518, C537-C540, C567-C568, C610-C611, C617-C618, C637-C640, C667-C668, C710-C711, C717-C718, C737-C740, C767-C768, C810-C811, C817-C818, C837-C840, C867-C868)]	*NOT available in DP
12	16.0000	PC			CAP CER;330 pF;100 V;C0G;5 %;SMD805;T/R	[P0AJI:02: {16.0}(C115-C116, C215-C216, C315-C316, C415-C416, C515-C516, C615-C616, C715-C716, C815-C816)]	*NOT available in DP
13	1.0000	PC			CAP CER;470 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {1.0}(C23)]	*NOT available in DP
14	24.0000	PC			CAP CER;22 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {24.0}(C119, C127-C128, C219, C227-C228, C319, C327-C328, C419, C427-C428, C519, C527-C528, C619, C627-C628, C719, C727-C728, C819, C827-C828)]	*NOT available in DP
15	2.0000	PC			CAP CER;10 nF;50 V;C0G;5 %;SMD805	[P0AJI:02: {2.0}(C18-C19)]	*NOT available in DP
16	8.0000	PC			CAP CER;2.2 nF;100 V;X7R;5 %;SMD805	[P0AJI:02: {8.0}(C107, C207, C307, C407, C507, C607, C707, C807)]	*NOT available in DP
17	73.0000	PC			CAP CER;1 nF;50 V;C0G;5 %;SMD805	[P0AJI:02: {57.0}(C39, C102-C103, C121, C131-C132, C169-C170, C202-C203, C221, C231-C232, C269-C270, C302-C303, C321, C331-C332, C369-C370, C402-C403, C421, C431-C432, C469-C470, C502-C503, C521, C531-C532, C569-C570, C602-C603, C621, C631-C632, C669-C670, C702-C703, C721, C731-C732, C769-C770, C802-C803, C821, C831-C832, C869-C870)] [P0AJI:04: {16.0}(C143-C144, C243-C244, C343-C344, C443-C444, C543-C544, C643-C644, C743-C744, C843-C844)]	*NOT available in DP
18	8.0000	PC			CAP CER;15 nF;50 V;C0G;5 %;SMD805	[P0AJI:02: {8.0}(C133, C233, C333, C433, C533, C633, C733, C833)]	*NOT available in DP
19	3.0000	PC			CAP CER;100 nF;50 V;X7R;10 %;SMD603	[P0AJI:02: {3.0}(C1260-C1262)]	*NOT available in DP
20	38.0000	PC			CAP CER;10 nF;50 V;X7R;5 %;SMD805	[P0AJI:02: {37.0}(C30-C37, C45-C49, C52, C68, C72-C73, C147-C149, C152, C154, C347-C349, C352, C354, C547-C549, C552, C554, C747-C749, C752, C754)] [P0AJI:03: {1.0}(C1)]	*NOT available in DP
21	1.0000	PC			CAP CER;1 nF;200 V;C0G;5 %;SMD1206	[A:00: {1.0}(C25)]	*NOT available in DP
22	1.0000	PC			CAP CER;1nF;50V;X7R;10%;SMD805	[A:00: {1.0}(C22)]	*NOT available in DP
23	1.0000	PC			CAP CER;3nF3;50V;5%;SMT805	[A:00: {1.0}(C19)]	*NOT available in DP
24	1.0000	PC			CAP CER;10nF;50V;X7R;10%;SMD805	[A:00: {1.0}(C18)]	*NOT available in DP
25	3.0000	PC			CAP CER;100nF;50V;X7R;10%;SMT805	[A:00: {3.0}(C21, C23-C24)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
26	1.0000	PC			CAP CER;1uF;50V;X7R;10%;SMD805	[A:00: {1.0}(C27)]	*NOT available in DP
27	1.0000	PC			CAP CER;100pF;100V;C0G;10%;SMD805	[A:00: {1.0}(C20)]	*NOT available in DP
28	8.0000	PC			CAP FILM;4.7 nF;100 V;POLYESTER METALLIZED;5 %;BOX;5 MM;VERTICAL 12.7-15-9mm	[P0AJI:02: {8.0}(C120, C220, C320, C420, C520, C620, C720, C820)]	*NOT available in DP
29	1.0000	PC			CAP TANTAL;470 uF;6.3 V;20 %;CaseD;SMD	[P0AJI:02: {1.0}(C14)]	*NOT available in DP
30	14.0000	PC			CAP TANTAL;10 uF;10 V;10 %;CaseA;SMD	[P0AJI:02: {14.0}(C70-C71, C146, C151, C153, C346, C351, C353, C546, C551, C553, C746, C751, C753)]	*NOT available in DP
31	4.0000	PC			CAP TANTAL;100 uF;10 V;10 %;CaseC;SMD	[P0AJI:02: {4.0}(C150, C350, C550, C750)]	*NOT available in DP
32	1.0000	PC			CAP TANTAL;47 uF;6.3 V;10 %;CaseA;SMD	[P0AJI:02: {1.0}(C17)]	*NOT available in DP
33	1.0000	PC			CAP TANTAL;220 uF;10 V;10 %;CaseC;SMD	[P0AJI:02: {1.0}(C16)]	*NOT available in DP
34	2.0000	PC			CAP FILTER;1 nF;100 V;20 %;5 MM;EMIFIL;DSS6NC52A102Q55B	[P0AJI:02: {2.0}(L5-L6)]	*NOT available in DP
35	2.0000	PC			CAP FILTER;270 pF;50 V;20 %;2.5 MM;EMIFIL;DSN6NC51H271Q55B	[P0AJI:02: {2.0}(L34, L49)]	*NOT available in DP
36	1.0000	PC		B09-33220-04981	CAP Y1;2nF2;250V;P:10mm0;PRE CUT:3MM1+/-0MM5	[A:00: {1.0}(C8)]	
37	1.0000	PC		B09-33470-26420	CAP Y1;4nF7;250V;PITCH:10mm;Y1	[A:00: {1.0}(C2)]	
38	1.0000	PC	R12-32470-31378	B12-32470-31378	CAP X2;470nF;275V;PITCH:22mm5;CASE:11mm x 26mm;CASE:11mm x 26mm;PRE-CUT:3.2+/-0.5mm	[A:00: {1.0}(C3)]	
39	32.0000	PC			CAP E;1.5 mF;6.3 V;20 %;RADIAL;10mmX12mm5;5 MM;105C	[P0AJI:02: {32.0}(C106, C112-C114, C206, C212-C214, C306, C312-C314, C406, C412-C414, C506, C512-C514, C606, C612-C614, C706, C712-C714, C806, C812-C814)]	*NOT available in DP
40	1.0000	PC			CAP E;47 uF;50 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[A:00: {1.0}(C6)]	*NOT available in DP
41	4.0000	PC			CAP E;220 uF;50 V;20 %;RADIAL;10*16;5 MM;T&R	[A:00: {4.0}(C12-C13, C16-C17)]	*NOT available in DP
42	2.0000	PC			CAP E;220 uF;63 V;20 %;RADIAL;10*20;5 MM;T&R	[A:00: {2.0}(C9, C15)]	*NOT available in DP
43	3.0000	PC			CAP E;1 mF;16 V;20 %;RADIAL;10mm*16mm;5 MM	[A:00: {3.0}(C10-C11, C14)]	*NOT available in DP
44	1.0000	PC			CAP CER;100pF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[A:00: {1.0}(C4)]	*NOT available in DP
45	1.0000	PC			CAP CER;1nF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[A:00: {1.0}(C7)]	*NOT available in DP
46	1.0000	PC			CAP CER;10nF;200V;X7R;10%;SMT1206	[A:00: {1.0}(C26)]	*NOT available in DP
47	16.0000	PC			CAP FILM;270 nF;100 V;MPF;5 %;BOX;PITCH:5 mm	[P0AJI:02: {16.0}(C123-C124, C223-C224, C323-C324, C423-C424, C523-C524, C623-C624, C723-C724, C823-C824)]	*NOT available in DP
48	1.0000	PC			CAP FILM;100 nF;250 V;MPF;5 %;RADIAL;MAX.9.8 x 9 x 5mm;PITCH:7.5 mm;CL21	[A:00: {1.0}(C5)]	*NOT available in DP
49	1.0000	PC			CAP E;105C;100 uF;400 V;ELECTROLYTIC;20 %;RADIAL;25*26;10 MM	[A:00: {1.0}(C1)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
50	73.0000	PC			CAP CER;1 nF;50 V;C0G;5 %;SMD805	[P0AJI:02: {57.0}(C39, C102-C103, C121, C131-C132, C169-C170, C202-C203, C221, C231-C232, C269-C270, C302-C303, C321, C331-C332, C369-C370, C402-C403, C421, C431-C432, C469-C470, C502-C503, C521, C531-C532, C569-C570, C602-C603, C621, C631-C632, C669-C670, C702-C703, C721, C731-C732, C769-C770, C802-C803, C821, C831-C832, C869-C870)] [P0AJI:04: {16.0}(C143-C144, C243-C244, C343-C344, C443-C444, C543-C544, C643-C644, C743-C744, C843-C844)]	*NOT available in DP
51	32.0000	PC			CAP E;1.5 mF;6.3 V;20 %;RADIAL;10mmX12mm5;5 MM;105C	[P0AJI:02: {32.0}(C106, C112-C114, C206, C212-C214, C306, C312-C314, C406, C412-C414, C506, C512-C514, C606, C612-C614, C706, C712-C714, C806, C812-C814)]	*NOT available in DP
52	8.0000	PC			CAP CER;680 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {8.0}(C122, C222, C322, C422, C522, C622, C722, C822)]	*NOT available in DP
53	2.0000	PC			CAP CER;10 nF;50 V;C0G;5 %;SMD805	[P0AJI:02: {2.0}(C18-C19)]	*NOT available in DP
54	3.0000	PC			CAP CER;100nF;50V;X7R;10%;SMT805	[A:00: {3.0}(C21, C23-C24)]	*NOT available in DP
55	4.0000	PC			CAP E;220 uF;50 V;20 %;RADIAL;10*16;5 MM;T&R	[A:00: {4.0}(C12-C13, C16-C17)]	*NOT available in DP
56	2.0000	PC			CAP FILTER;1 nF;100 V;20 %;5 MM;EMIFIL;DSS6NC52A102Q55B	[P0AJI:02: {2.0}(L5-L6)]	*NOT available in DP
57	1.0000	PC			CAP CER;10nF;50V;X7R;10%;SMD805	[A:00: {1.0}(C18)]	*NOT available in DP
58	16.0000	PC			CAP E;47 uF;63 V;20 %;RADIAL;6mm3X11mm2;2.5 MM	[P0AJI:02: {16.0}(C104-C105, C204-C205, C304-C305, C404-C405, C504-C505, C604-C605, C704-C705, C804-C805)]	*NOT available in DP
59	4.0000	PC			CAP TANTAL;100 uF;10 V;10 %;CaseC;SMD	[P0AJI:02: {4.0}(C150, C350, C550, C750)]	*NOT available in DP
60	1.0000	PC			CAP CER;100pF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[A:00: {1.0}(C4)]	*NOT available in DP
61	9.0000	PC			CAP E;10uF;63V;PITCH:2mm5;6mm x 11mm;VERTICAL 12.7-15-9mm	[P0AJI:02: {9.0}(C134, C234, C334, C434, C534, C634, C734, C834, C968)]	*NOT available in DP
62	8.0000	PC			CAP E;2uF2;63V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AJI:02: {8.0}(C135, C235, C335, C435, C535, C635, C735, C835)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
63	149.0000	PC			CAP CER;100 nF;50 V;X7R;10 %;SMD805	[P0AJI:02: {124.0}](C1-C9, C11-C13, C15, C24-C29, C50-C51, C53-C67, C125, C136, C155-C158, C161-C164, C225, C236, C255-C258, C261-C264, C325, C336, C355-C358, C361-C364, C425, C436, C455-C458, C461-C464, C525, C536, C555-C558, C561-C564, C625, C636, C655-C658, C661-C664, C725, C736, C755-C758, C761-C764, C825, C836, C855-C858, C861-C864, C964-C967, C969, C973, C975, C983)] [P0AJI:03: {25.0}](C145, C165-C166, C245, C265-C266, C345, C365-C366, C445, C465-C466, C545, C565-C566, C645, C665-C666, C745, C765-C766, C845, C865-C866, C984)]	*NOT available in DP
64	8.0000	PC			CAP CER;2.2 nF;100 V;X7R;5 %;SMD805	[P0AJI:02: {8.0}](C107, C207, C307, C407, C507, C607, C707, C807)]	*NOT available in DP
65	3.0000	PC			CAP E;1 mF;16 V;20 %;RADIAL;10mm*16mm;5 MM	[A:00: {3.0}](C10-C11, C14)]	*NOT available in DP
66	2.0000	PC			CAP FILTER;270 pF;50 V;20 %;2.5 MM;EMIFIL;DSN6NC51H271Q55B	[P0AJI:02: {2.0}](L34, L49)]	*NOT available in DP
67	16.0000	PC			CAP FILM;270 nF;100 V;MPF;5 %;BOX;PITCH:5 mm	[P0AJI:02: {16.0}](C123-C124, C223-C224, C323-C324, C423-C424, C523-C524, C623-C624, C723-C724, C823-C824)]	*NOT available in DP
68	64.0000	PC			CAP E;100 uF;25 V;20 %;RADIAL;6mm3X11mm;2.5 MM	[P0AJI:02: {64.0}](C10, C108-C109, C126, C129-C130, C171-C172, C208-C209, C226, C229-C230, C271-C272, C308-C309, C326, C329-C330, C371-C372, C408-C409, C426, C429-C430, C471-C472, C508-C509, C526, C529-C530, C571-C572, C608-C609, C626, C629-C630, C671-C672, C708-C709, C726, C729-C730, C771-C772, C808-C809, C826, C829-C830, C871-C872, C960-C963, C972, C980-C981)]	*NOT available in DP
69	1.0000	PC			CAP CER;1 nF;200 V;C0G;5 %;SMD1206	[A:00: {1.0}](C25)]	*NOT available in DP
70	16.0000	PC			CAP CER;330 pF;100 V;C0G;5 %;SMD805;T/R	[P0AJI:02: {16.0}](C115-C116, C215-C216, C315-C316, C415-C416, C515-C516, C615-C616, C715-C716, C815-C816)]	*NOT available in DP
71	1.0000	PC			CAP CER;100pF;100V;C0G;10%;SMD805	[A:00: {1.0}](C20)]	*NOT available in DP
72	2.0000	PC			CAP CER;10 pF;50 V;C0G;5 %;SMD805	[P0AJI:02: {2.0}](C20-C21)]	*NOT available in DP
73	1.0000	PC			CAP CER;3nF3;50V;5%;SMT805	[A:00: {1.0}](C19)]	*NOT available in DP
74	7.0000	PC			CAP CER;1 nF;100 V;C0G;5 %;SMD805	[P0AJI:02: {7.0}](C38, C40-C44, C69)]	*NOT available in DP
75	14.0000	PC			CAP TANTAL;10 uF;10 V;10 %;CaseA;SMD	[P0AJI:02: {14.0}](C70-C71, C146, C151, C153, C346, C351, C353, C546, C551, C553, C746, C751, C753)]	*NOT available in DP
76	1.0000	PC			CAP FILM;100 nF;250 V;MPF;5 %;RADIAL;MAX.9.8 x 9 x 5mm;PITCH:7.5 mm;CL21	[A:00: {1.0}](C5)]	*NOT available in DP
77	1.0000	PC			CAP TANTAL;470 uF;6.3 V;20 %;CaseD;SMD	[P0AJI:02: {1.0}](C14)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
78	1.0000	PC			CAP TANTAL;220 uF;10 V;10 %;CaseC;SMD	[P0AJI:02: {1.0}(C16)]	*NOT available in DP
79	38.0000	PC			CAP CER;10 nF;50 V;X7R;5 %;SMD805	[P0AJI:02: {37.0}(C30-C37, C45-C49, C52, C68, C72-C73, C147-C149, C152, C154, C347-C349, C352, C354, C547-C549, C552, C554, C747-C749, C752, C754)] [P0AJI:03: {1.0}(C1)]	*NOT available in DP
80	1.0000	PC			CAP TANTAL;47 uF;6.3 V;10 %;CaseA;SMD	[P0AJI:02: {1.0}(C17)]	*NOT available in DP
81	2.0000	PC			CAP E;220 uF;63 V;20 %;RADIAL;10*20;5 MM;T&R	[A:00: {2.0}(C9, C15)]	*NOT available in DP
82	1.0000	PC			CAP CER;10nF;200V;X7R;10%;SMT1206	[A:00: {1.0}(C26)]	*NOT available in DP
83	1.0000	PC			CAP E;47 uF;50 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[A:00: {1.0}(C6)]	*NOT available in DP
84	24.0000	PC			CAP CER;22 pF;50 V;COG;5 %;SMD805	[P0AJI:02: {24.0}(C119, C127-C128, C219, C227-C228, C319, C327-C328, C419, C427-C428, C519, C527-C528, C619, C627-C628, C719, C727-C728, C819, C827-C828)]	*NOT available in DP
85	1.0000	PC			CAP CER;470 pF;50 V;COG;5 %;SMD805	[P0AJI:02: {1.0}(C23)]	*NOT available in DP
86	1.0000	PC			CAP CER;1nF;50V;X7R;10%;SMD805	[A:00: {1.0}(C22)]	*NOT available in DP
87	1.0000	PC			CAP CER;1nF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[A:00: {1.0}(C7)]	*NOT available in DP
88	16.0000	PC			CAP E;220 uF;25 V;20 %;RADIAL;8mmX11mm5;3.5 MM	[P0AJI:02: {16.0}(C141-C142, C241-C242, C341-C342, C441-C442, C541-C542, C641-C642, C741-C742, C841-C842)]	*NOT available in DP
89	8.0000	PC			CAP E;10uF;63V;PITCH:2mm5;6mm x 11mm;PRECUT:3mm2 -0/+0mm2	[P0AJI:03: {8.0}(C101, C201, C301, C401, C501, C601, C701, C801)]	*NOT available in DP
90	8.0000	PC			CAP FILM;4.7 nF;100 V;POLYESTER METALLIZED;5 %;BOX;5 MM;VERTICAL 12.7-15-9mm	[P0AJI:02: {8.0}(C120, C220, C320, C420, C520, C620, C720, C820)]	*NOT available in DP
91	1.0000	PC			CAP CER;1uF;50V;X7R;10%;SMD805	[A:00: {1.0}(C27)]	*NOT available in DP
92	81.0000	PC			CAP CER;100 pF;100 V;COG;5 %;SMD805	[P0AJI:02: {81.0}(C22, C110-C111, C117-C118, C137-C140, C167-C168, C210-C211, C217-C218, C237-C240, C267-C268, C310-C311, C317-C318, C337-C340, C367-C368, C410-C411, C417-C418, C437-C440, C467-C468, C510-C511, C517-C518, C537-C540, C567-C568, C610-C611, C617-C618, C637-C640, C667-C668, C710-C711, C717-C718, C737-C740, C767-C768, C810-C811, C817-C818, C837-C840, C867-C868)]	*NOT available in DP
93	3.0000	PC			CAP CER;100 nF;50 V;X7R;10 %;SMD603	[P0AJI:02: {3.0}(C1260-C1262)]	*NOT available in DP
94	1.0000	PC			CAP E;105C;100 uF;400 V;ELECTROLYTIC;20 %;RADIAL;25*26;10 MM	[A:00: {1.0}(C1)]	*NOT available in DP
95	8.0000	PC			CAP CER;15 nF;50 V;COG;5 %;SMD805	[P0AJI:02: {8.0}(C133, C233, C333, C433, C533, C633, C733, C833)]	*NOT available in DP

Circuit Protector

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	2.0000	PC	R21-15201-52000	B21-15201-52000	FUSE CLIP;2 A;V;ZINC PLATING;250V;SERIES;520;FUSE;250 V;PLATING	[A:00: {2.0}{F1}]	
2	2.0000	PC		B22-00000-39489	FUSE;1 A;V;5mmx20mm;TIME LAG SLOW-BLOW FUSE 1A		
3	1.0000	PC	R22-01513-20001	B22-01513-20001	FUSE;2A0;250V;SLOW BLOW;H-TYPE;5mm x 20mm	[A:00: {1.0}]	

Coil

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		B33-00000-09607	COIL;RADIAL;10 uH;3 MM;1A62;22R103C	[P0AJI:02: {1.0}{L4}]	
2	1.0000	PC		B37-00000-43456	COIL;CHOKE;5.6 mH;UU10.5 L:5.6mH MIN1KHZ,0.25V	[A:00: {1.0}{L1}]	
3	2.0000	PC		B37-00000-43460	COIL;CHOKE;100 uH;DR2W 100uH+/- 20%1KHZ,0.25V	[A:00: {2.0}{L2, L5}]	
4	2.0000	PC		B37-00000-43462	COIL;CHOKE;3.5 uH;R6X20 L:3.5uH+/- 20%1KHZ,0.25V	[A:00: {2.0}{L3-L4}]	
5	8.0000	PC		B41-30000-30459	COIL;SOP;ZJYS51R5-2PT	[P0AJI:04: {8.0}{L1-L8}]	
6	3.0000	PC	R44-00000-21653	B44-00000-21653	COIL;BEAD;120 OHMS;SMD805;400mA;SMD;BK2125LL121-T	[P0AJI:02: {3.0}{L1-L3}]	
7	1.0000	PC		B44-31430-03762	COIL;BEAD;IMPEDANCE AT 25MHz:43ohm;INNER DIA:1MM5;LENGTH:6MM;(3L:1-RH-3.5X6X1.5-C5A)	[A:00: {1.0}]	T1 Pin3

Computer

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		B51-00000-50320	USB STICK;P0AJI;MIDAS ENGRAVED LOGO ON 2Gb MEMORY STICK		

Connector

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		B82-00000-35395	COAX;3;GOLD;Dual PCB mount 75ohm BNC*	[P0AJI:02: {1.0}{J18}]	
2	1.0000	PC		B84-00000-32187	CONN;6;3.96 MM;LOCKING HEADER, V94-0, SQ PINS	[P0AJI:02: {1.0}{J24}]	
3	3.0000	PC		B85-00000-10961	D-SUB;25;1.38 MM;TIN;2ROW;SPECIAL D SOCKET;SDB25SNT	[P0AJI:02: {1.0}{J91}] [P0AJI:04: {2.0}{J92-J93}]	
4	8.0000	PC		B95-00000-51608	CONNECTOR;XLR;3;NC3FBH2;Female Connector - Horizontal;New Style	[P0AJI:02: {8.0}{J11, J21, J31, J41, J51, J61, J71, J81}]	

Diode

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			DIODE;SCHOTTKY;DUAL;10A;40V;SB1040FCT;ITO-220AB	[A:00: {1.0}(D1)]	*NOT available in DP
2	12.0000	PC			DIODE;1N4007;DO41	[P0AJI:02: {11.0}(D11, D21, D31, D41, D51, D61, D71, D81, D901-D903)] [A:00: {1.0}(D2)]	*NOT available in DP
3	57.0000	PC			DIODE;BAV99;SOT23;SMD	[P0AJI:02: {57.0}(D12-D18, D22-D28, D32-D38, D42-D48, D52-D58, D62-D68, D72-D78, D82-D89)]	*NOT available in DP
4	1.0000	PC			DIODE;LL4148;LL34;TEMIC OR FC	[A:00: {1.0}(D3)]	*NOT available in DP
5	1.0000	PC			DIODE;GP;GS1G;400V;1A;DO-214AC;SMD	[A:00: {1.0}(D4)]	*NOT available in DP
6	2.0000	PC			DIODE;SUPERFAST;ER1J;600V;1A;35NS;DO-214AA;SMD	[A:00: {2.0}(D5, D8)]	*NOT available in DP
7	16.0000	PC			DIODE;ZENER;12 V;SOT23;ZX84C12	[P0AJI:02: {16.0}(Z13-Z14, Z23-Z24, Z33-Z34, Z43-Z44, Z53-Z54, Z63-Z64, Z73-Z74, Z83-Z84)]	*NOT available in DP
8	1.0000	PC			DIODE;ZMM05V6;SMD1206	[A:00: {1.0}(D7)]	*NOT available in DP
9	2.0000	PC			DIODE;ES3D;DO-214AB;SMD	[A:00: {2.0}(D9-D10)]	*NOT available in DP
10	1.0000	PC			DIODE;SUPERFAST;ES1D;200V;1A;15NS;DO-214AC;SMD	[A:00: {1.0}(D6)]	*NOT available in DP
11	1.0000	PC	X80-24270-20600	H80-24270-20600	RECTIFIER;BRIDGE;KBP206G	[A:00: {1.0}(BD1)]	
12	1.0000	PC			DIODE;GP;GS1G;400V;1A;DO-214AC;SMD	[A:00: {1.0}(D4)]	*NOT available in DP
13	1.0000	PC			DIODE;SUPERFAST;ES1D;200V;1A;15NS;DO-214AC;SMD	[A:00: {1.0}(D6)]	*NOT available in DP
14	1.0000	PC			DIODE;SCHOTTKY;DUAL;10A;40V;SB1040FCT;ITO-220AB	[A:00: {1.0}(D1)]	*NOT available in DP
15	2.0000	PC			DIODE;SUPERFAST;ER1J;600V;1A;35NS;DO-214AA;SMD	[A:00: {2.0}(D5, D8)]	*NOT available in DP
16	1.0000	PC			DIODE;LL4148;LL34;TEMIC OR FC	[A:00: {1.0}(D3)]	*NOT available in DP
17	57.0000	PC			DIODE;BAV99;SOT23;SMD	[P0AJI:02: {57.0}(D12-D18, D22-D28, D32-D38, D42-D48, D52-D58, D62-D68, D72-D78, D82-D89)]	*NOT available in DP
18	2.0000	PC			DIODE;ES3D;DO-214AB;SMD	[A:00: {2.0}(D9-D10)]	*NOT available in DP
19	16.0000	PC			DIODE;ZENER;12 V;SOT23;ZX84C12	[P0AJI:02: {16.0}(Z13-Z14, Z23-Z24, Z33-Z34, Z43-Z44, Z53-Z54, Z63-Z64, Z73-Z74, Z83-Z84)]	*NOT available in DP
20	1.0000	PC			DIODE;ZMM05V6;SMD1206	[A:00: {1.0}(D7)]	*NOT available in DP
21	12.0000	PC			DIODE;1N4007;DO41	[P0AJI:02: {11.0}(D11, D21, D31, D41, D51, D61, D71, D81, D901-D903)] [A:00: {1.0}(D2)]	*NOT available in DP

Hardware

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			CABLE TIE;99 MM;2.5 MM;WHITE;99MMx2.5MM;NYLON 6.6		*NOT available in DP
2	0.2600	G			THERM-GREASE;COLOR:WHT;SPEC.NO:09286	[A:00: {0.26}]	*NOT available in DP
3	1.0000	PC			HEX.NUT;4 MM;NICKEL;SILVER;M4;NYLON-INSERT HEX LOCKNUT		*NOT available in DP
4	1.0000	PC			HEX.NUT T-NUT;4 MM;NICKEL;SILVER		*NOT available in DP
5	4.0000	PC			HEX.NUT T-NUT;M;3 MM;NICKEL;PCB BROACHING CLINCH		*NOT available in DP
6	1.0000	PC			SCREW;M;4 MM;19 MM;NICKEL;SILVER;M4x19;TAMPERPROOF		*NOT available in DP
7	33.0000	PC			SCREW;M;DIA:3 MM;LEN:6 MM;PAN WASHER;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X6;HEAD DIA:5MM85;T10		*NOT available in DP
8	9.0000	PC			SCREW;M;DIA:3 MM;LEN:6 MM;FLAT;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X6;HEAD DIA:5MM5;T10		*NOT available in DP
9	16.0000	PC			SCREW;M;DIA:3 MM;LEN:10 MM;PAN;STAINLESS STEEL;TORX;A3X10;HEAD DIA:5MM5;T10		*NOT available in DP
10	6.0000	PC			SCREW;M;LEN:8.5 MM;HEX;STAINLESS STEEL;UNC#4X8.5;HEAD DIA:5MM0		*NOT available in DP
11	4.0000	PC			SCREW;M;DIA:3 MM;LEN:30 MM;FLAT;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X30;HEAD DIA:5MM3		*NOT available in DP
12	2.0000	PC			SCREW;M;DIA:2.18 MM;LEN:6.35 MM;PAN;OD:4.24 MM;STAINLESS STEEL;SILVER;TORX;2-56UNC;6MM35;T6		*NOT available in DP
13	2.0000	PC			SCREW;M3mm*8mm;HEAD:PAN SPRING WASHER;INSERT:PHILIPS REC.;SURFACE:SILVER/NIC	[A:00: {2.0}]	*NOT available in DP
14	1.0000	PC			SILICA GEL;SILICAGEL;MASS;50g		*NOT available in DP
15	0.0480	M			SHRINKING TUBE;INNER DIA;1mm;SPEC.NO:43217	[A:00: {0.048}]	*NOT available in DP
16	0.0200	M			SHRINKING TUBE;INNER DIA;6mm;SPEC.NO:01099	[A:00: {0.02}]	*NOT available in DP
17	4.0000	PC			WASHER;4 MM;9 MM;NICKEL;SILVER;M4;EXT_TEETH;LOCKING_WASHER		*NOT available in DP
18	0.0300	M	V97-00000-23179	F97-00000-23179	OTHER;GROMMET STRIP;1.5MM PANEL THICKNESS		
19	0.1000	PC		F97-00000-63516	PAPERBOARD;800 MM;CORNER PAPER;5 LEVEL		
20	0.1000	PC	V97-00000-63518	F97-00000-63518	PAPERBOARD;1000 MM;CORNER PAPER;5 LEVEL		
21	0.2000	PC	V97-00000-63519	F97-00000-63519	PAPERBOARD;1350 MM;CORNER PAPER;5 LEVEL		
22	33.0000	PC			SCREW;M;DIA:3 MM;LEN:6 MM;PAN WASHER;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X6;HEAD DIA:5MM85;T10		*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
23	6.0000	PC			SCREW;M;LEN:8.5 MM;HEX;STAINLESS STEEL;UNC#4X8.5;HEAD DIA:5MM0		*NOT available in DP
24	1.0000	PC			SCREW;M;4 MM;19 MM;NICKEL;SILVER;M4x19;TAMPERPROOF		*NOT available in DP
25	1.0000	PC			SILICA GEL;SILICAGEL;MASS;50g		*NOT available in DP
26	16.0000	PC			SCREW;M;DIA:3 MM;LEN:10 MM;PAN;STAINLESS STEEL;TORX;A3X10;HEAD DIA:5MM5;T10		*NOT available in DP
27	2.0000	PC			SCREW;M;DIA:2.18 MM;LEN:6.35 MM;PAN;OD:4.24 MM;STAINLESS STEEL;SILVER;TORX;2-56UNC;6MM35;T6		*NOT available in DP
28	0.2600	G			THERM-GREASE;COLOR:WHT;SPEC.NO:09286	[A:00: {0.26}]	*NOT available in DP
29	4.0000	PC			HEX.NUT T-NUT;M;3 MM;NICKEL;PCB BROACHING CLINCH		*NOT available in DP
30	0.0480	M			SHRINKING TUBE;INNER DIA;1mm;SPEC.NO:43217	[A:00: {0.048}]	*NOT available in DP
31	1.0000	PC			HEX.NUT;4 MM;NICKEL;SILVER;M4;NYLON-INSERT HEX LOCKNUT		*NOT available in DP
32	4.0000	PC			SCREW;M;DIA:3 MM;LEN:30 MM;FLAT;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X30;HEAD DIA:5MM3		*NOT available in DP
33	2.0000	PC			SCREW;M3mm*8mm;HEAD:PAN SPRING WASHER;INSERT:PHILIPS REC.;SURFACE:SILVER/NIC	[A:00: {2.0}]	*NOT available in DP
34	9.0000	PC			SCREW;M;DIA:3 MM;LEN:6 MM;FLAT;STAINLESS STEEL;TORX;PITCH:0.5 MM;M3X6;HEAD DIA:5MM5;T10		*NOT available in DP
35	4.0000	PC			WASHER;4 MM;9 MM;NICKEL;SILVER;M4;EXT_TEETH;LOCKING_WASHER		*NOT available in DP
36	1.0000	PC			CABLE TIE;99 MM;2.5 MM;WHITE;99MMx2.5MM;NYLON 6.6		*NOT available in DP
37	0.0200	M			SHRINKING TUBE;INNER DIA;6mm;SPEC.NO:01099	[A:00: {0.02}]	*NOT available in DP
38	1.0000	PC			HEX.NUT T-NUT;4 MM;NICKEL;SILVER		*NOT available in DP

Ic

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	4.0000	PC	S60-00000-09606	C60-00000-09606	IC;AD/DA;TSSOP;24;CS5381-KZZ	[P0AJI:02: {4.0}(U15, U35, U55, U75)]	
2	1.0000	PC	S71-00000-24044	C71-00000-24044	IC;DRIVER;SOP;24;MBI5025GD	[P0AJI:02: {1.0}(U3)]	
3	8.0000	PC	S73-58007-40514	C73-31007-40514	IC;OPAMP OPAMP;TL074;SOP;BRAND:ST ONLY	[P0AJI:02: {8.0}(U12, U22, U32, U42, U52, U62, U72, U82)]	
4	24.0000	PC	S73-59458-00108	C73-59458-00108	IC;OPAMP OPAMP;NJM4580D;DIP	[P0AJI:02: {24.0}(U11, U13, U16, U21, U23, U26, U31, U33, U36, U41, U43, U46, U51, U53, U56, U61, U63, U66, U71, U73, U76, U81, U83, U86)]	
5	1.0000	PC		C74-00000-43686	IC;POWER-CONVERSION;DIP;8;UC3842ANG	[A:00: {1.0}(IC1)]	
6	1.0000	PC	S77-00000-10772	C77-00000-10772	IC;VOLT.REGULATOR;DPAK;3;LD1117ADT33TR;SMD	[P0AJI:02: {1.0}(U18)]	
7	1.0000	PC		C77-00000-21606	IC;VOLT.REGULATOR;SOT23;5;1V8;150mA;FOR DIGITAL APPLICATION;LP3990MF-1.8NOPB	[P0AJI:02: {1.0}(U14)]	
8	1.0000	PC		C77-00000-21608	IC;VOLT.REGULATOR;1V8;800mA;SOT23;TLV1117-18IDCYR	[P0AJI:02: {1.0}(U10)]	
9	1.0000	PC	S77-00128-03000	C77-00128-03000	IC;VOLT.REGULATOR;ZENERSHUNT.REGULATOR;SO T23;LM431ACM3/N1	[A:00: {1.0}(IC4)]	
10	16.0000	PC	S78-00000-07474	C78-00000-07474	IC;COMPARATOR;SOIC;14;LM2901M	[P0AJI:03: {16.0}(U17-U18, U27-U28, U37-U38, U47-U48, U57-U58, U67-U68, U77-U78, U87-U88)]	
11	1.0000	PC	S78-55031-10508	C78-55031-10508	IC;COMPARATOR;LM311;SOP	[A:00: {1.0}(IC5)]	
12	1.0000	PC	T12-00000-19661	D12-00000-19661	IC;DIG COMM.;SOIC;16;5V;RS-232 TRANSCEIVER;MAX202ECWE	[P0AJI:02: {1.0}(U19)]	
13	2.0000	PC	T12-00000-63253	D12-00000-63253	IC;DIG COMM.;5;TOSLINK TRANSMITTER, FIBRE OPTIC, JST1B15	[P0AJI:02: {2.0}(J16-J17)]	
14	1.0000	PC		D13-00000-29277	IC;SENSE;MSOP;8;QUAD RESET SUPERVISOR	[P0AJI:02: {1.0}(U17)]	
15	1.0000	PC	T17-00000-12056	D17-00000-12056	IC;DRAM;TSOP;SMD;54;SYNCHRONOUS 256MBIT;MT48LC16M16A2P-7E	[P0AJI:02: {1.0}(U7)]	
16	1.0000	PC	T19-00000-12141	D19-00000-12141	IC;FLASH;SOIC;8;256KB FRAM SERIAL 3V MEMORY;FM25L256B-G	[P0AJI:02: {1.0}(U4)]	
17	1.0000	PC		D19-00000-21648	IC;FLASH;TSOP;48;3V;16MBIT;M29W160EB70N6E	[P0AJI:02: {1.0}(U8)]	
18	1.0000	PC		D22-00000-20472	IC;LOGIC;SOIC;8;LINE DRIVER & RECEIVER PAIR;DS8921M NOPB	[P0AJI:02: {1.0}(IC2)]	
19	2.0000	PC		D22-00000-33809	IC;LOGIC;SOIC;16;CMOS Quad Differential Line Driver	[P0AJI:02: {2.0}(U1, U9)]	
20	1.0000	PC	T28-00000-21644	D28-00000-21644	IC;DIGITAL AUDIO;LQFP;144;SINGLE CHIP IEEE 1394;DICE-JR-TCD2220K	[P0AJI:02: {1.0}(U5)]	

Led

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	U10-00000-10764	E10-00000-10764	LED HIB;GREEN;SMD603;KPT-1608FGCK;SMD	[P0AJI:02: {1.0}(D1)]	

Metal Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		A62-00000-46701	METAL;P0AJI;SECC 1.0mm;COVER;STAMPING;POWDER COATING;BLACK;XL48 CHASSIS COVER;REV:B		
2	2.0000	PC		A63-00000-43417	METAL;P0000;MKT-PSU-6;HEATSINK	[A:00: {2.0}(HS1-HS2)]	
3	1.0000	PC		J02-00000-54482	METAL;P0AJI;SECC 1.2mm;CASE;STAMPING;POWDER COATING;BLACK;XL48 CHASSIS;C001		
4	1.0000	PC		J02-00000-66971	METAL;P0AJI;PANEL;STAMPING;SPRAYING;XL48 FASCIA ASSEMBLY;C001		

Plastic Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	16.0000	PC	W52-00000-22482	G52-00000-22482	PLASTIC;P0AF7;KNOB;FRN81- X6BKLGG;11MM;ROTARY KNOB;180DEG;REV:A		
2	8.0000	PC	W52-00000-48122	G52-00000-48122	PLASTIC;P0000;ABS PA757;KNOB;1 and 2 SHOT INJECTION MOULDING;YS1282A;Cool Gray 1C;BLACK C;424C;FRN85;15MM;ROTARY_KNOB;D- TYPE;180DEG;T2;REV:A		
3	4.0000	PC	W53-00000-42576	G53-00000-42576	PLASTIC;P0000;NYLON UL94V2;RIVET;WHITE;PLASTIC SNAP RIVET		
4	1.0000	PC		G53-00000-51585	PLASTIC;P0AJI;PC (Polycarbonate) UL94- V0;SHIELD;CUTTING (BLANKING);XL48 PSU COVER;REV:F		
5	8.0000	PC	Y62-00000-23867	I62-00000-23867	PLASTIC;P0AF7;FRN72;PSH BUT;SW CAP PB3 ILLUM;RED;48V;A001		
6	8.0000	PC	Y62-00000-23892	I62-00000-23892	PLASTIC;P0AF7;FRN72;PSH BUT;SW CAP PB3 ILLUM;BLUE;PHASE;A003		
7	8.0000	PC	Y62-00000-40936	I62-00000-40936	PLASTIC;P0AJI;FRN72;PSH BUT;SW CAP PB3 ILLUM;LTGRAY;PAD;A001		

Plug Socket

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		G61-00000-19379	BOX HEAD;14;ROWS:2;STRAIGHT;2.54 MM;HIF3FC-14PA-2.54DSA(71)	[P0AJI:02: {1.0}(J10)]	
2	1.0000	PC	W67-20103-01824	G67-20103-01824	PLUG;AC SOCK;W FUSE;SNAP-IN;COLOR:BLK;POLES:03;(RONG-FENG RF-2004)		
3	1.0000	PC		G71-00000-11879	PIN HEAD;PIN HEADER;2;ROWS:1;STRAIGHT;2.54 MM;MALE;M20-9730246	[P0AJI:02: {1.0}(JMP1)]	
4	1.0000	PC		G71-00000-11881	WAFER;PCB WAFER;10;ROWS:2;STRAIGHT;2.54 MM;70246-1004	[P0AJI:02: {1.0}(J22)]	
5	1.0000	PC		G71-00000-11882	WAFER;PCB WAFER;20;ROWS:2;STRAIGHT;2.54 MM;70246-2004	[P0AJI:02: {1.0}(J2)]	
6	2.0000	PC		G71-00000-12152	WAFER;PCB WAFER;2;ROWS:1;STRAIGHT;2.54 MM;22-27-2021	[A:00: {2.0}(X3, X5)]	
7	16.0000	PC		G71-00000-14404	WAFER;PCB WAFER;16;ROWS:2;STRAIGHT;2.54 MM;70246-1601	[P0AJI:02: {8.0}(J1, J3-J9)] [P0AJI:03: {8.0}(J1-J8)]	
8	2.0000	PC		G71-00000-41977	PCB SOCKET;PIN SOCKET;DC;24;ROWS:2;ANGLED;2.54 MM;24 WAY 2.54mm VERT DIL	[P0AJI:04: {2.0}(J3-J4)]	
9	2.0000	PC		G71-00000-42080	WAFER;PCB WAFER;DC;2;ROWS:1;STRAIGHT;3.96 MM;26-60-4020	[P0AJI:02: {1.0}(J13)] [A:00: {1.0}(X2)]	
10	2.0000	PC		G71-00000-59424	PIN HEAD;PIN HEADER;DC;24;ROWS:2;STRAIGHT;2.54 MM;SPACER;DW-12-20-S-D-665*	[P0AJI:02: {2.0}(J14-J15)]	
11	1.0000	PC		G71-15102-50445	PIN HEADER;POLES:2;STRAIGHT;PITCH:2.54 mm;1 ROW;1001-02-S	[A:00: {1.0}(SW1)]	
12	1.0000	PC		G71-27103-02557	WAFER;POLES:3;STRAIGHT;PITCH:3.96 mm;1 ROW;JS4001-05-S1;W/O PIN2 AND PIN4	[A:00: {1.0}(X1)]	
13	1.0000	PC		G71-27106-03842	WAFER;POLES:6;STRAIGHT;PITCH:3.96 mm;1 ROW;JS4001-06	[A:00: {1.0}(X4)]	
14	1.0000	PC		G66-00000-52386	PLUG;AC SOCK;3;JAPANESE ADAPTOR PLUG - JIS8030		(JP)

Power Supply

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	8.0000	PC		J60-00000-12687	TRAFO:AUDIO I/O;P0ACJ;DA101C	[P0AJI:02: {8.0}(TR1-TR8)]	
2	1.0000	PC		J63-00000-43455	TRANSFORMER;P0000;EU 120/240;EC2834 L(4-1);650uH+/-101KHZ,0.25V	[A:00: {1.0}(TR1)]	

Quarz

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		H64-00000-56567	QUARZ;OSCILLATOR;25 MHz;3.3V FUNDAMENTAL;25MHz XTAL 1ppm SMD7x5 3V3*	[P0AJI:02: {1.0}(U2)]	

Resistor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	32.0000	PC			RESISTOR;METAL;2.2 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {32.0}(R124-R125, R175-R176, R224-R225, R275-R276, R324-R325, R375-R376, R424-R425, R475-R476, R524-R525, R575-R576, R624-R625, R675-R676, R724-R725, R775-R776, R824-R825, R875-R876)]	*NOT available in DP
2	16.0000	PC			RESISTOR;METAL;3.3 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R117-R118, R217-R218, R317-R318, R417-R418, R517-R518, R617-R618, R717-R718, R817-R818)]	*NOT available in DP
3	16.0000	PC			RESISTOR;METAL;4.7 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R129-R130, R229-R230, R329-R330, R429-R430, R529-R530, R629-R630, R729-R730, R829-R830)]	*NOT available in DP
4	16.0000	PC			RESISTOR;METAL;6.8 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R102-R103, R202-R203, R302-R303, R402-R403, R502-R503, R602-R603, R702-R703, R802-R803)]	*NOT available in DP
5	16.0000	PC			RESISTOR;METAL;10 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R131-R132, R231-R232, R331-R332, R431-R432, R531-R532, R631-R632, R731-R732, R831-R832)]	*NOT available in DP
6	16.0000	PC			RESISTOR;METAL;56 ohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R173-R174, R273-R274, R373-R374, R473-R474, R573-R574, R673-R674, R773-R774, R873-R874)]	*NOT available in DP
7	10.0000	PC			RESISTOR;METAL;120 ohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:03: {10.0}(R177, R277, R377, R477, R577, R677, R777, R877, R915-R916)]	*NOT available in DP
8	1.0000	PC			RESISTOR;CARBON;2 kohm;0W125;1 %;100 PPM;SMD805;THICK FILM	[A:00: {1.0}(R48)]	*NOT available in DP
9	5.0000	PC			RESISTOR;METAL;ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {5.0}(R19-R20, R31, R38, R951)]	*NOT available in DP
10	1.0000	PC			RESISTOR;METAL;10 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}(R28)]	*NOT available in DP
11	15.0000	PC			RESISTOR;METAL;33 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {15.0}(R10-R11, R13-R18, R25, R29-R30, R42-R45)]	*NOT available in DP
12	1.0000	PC			RESISTOR;METAL;220 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R906)]	*NOT available in DP
13	7.0000	PC			RESISTOR;METAL;330 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {7.0}(R61-R62, R946-R949, R1323)]	*NOT available in DP
14	17.0000	PC			RESISTOR;METAL;470 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R126-R127, R226-R227, R326-R327, R426-R427, R526-R527, R626-R627, R726-R727, R826-R827)] [P0AJI:03: {1.0}(R907)]	*NOT available in DP
15	17.0000	PC			RESISTOR;METAL;910 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R151-R152, R251-R252, R351-R352, R451-R452, R551-R552, R651-R652, R751-R752, R851-R852)] [P0AJI:03: {1.0}(R908)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
16	13.0000	PC			RESISTOR;METAL;1 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {13.0}(R23, R27, R33, R40-R41, R137, R237, R337, R437, R537, R637, R737, R837)]	*NOT available in DP
17	8.0000	PC			RESISTOR;METAL;1.2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R135, R235, R335, R435, R535, R635, R735, R835)]	*NOT available in DP
18	1.0000	PC			RESISTOR;METAL;1.5 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R902)]	*NOT available in DP
19	18.0000	PC			RESISTOR;METAL;1.8 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {17.0}(R39, R104, R107, R204, R207, R304, R307, R404, R407, R504, R507, R604, R607, R704, R707, R804, R807)] [P0AJI:03: {1.0}(R909)]	*NOT available in DP
20	8.0000	PC			RESISTOR;METAL;2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R139, R239, R339, R439, R539, R639, R739, R839)]	*NOT available in DP
21	11.0000	PC			RESISTOR;METAL;3.3 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {11.0}(R178, R278, R378, R478, R578, R678, R778, R878, R911, R913-R914)]	*NOT available in DP
22	35.0000	PC			RESISTOR;METAL;4.7 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {35.0}(R35, R46, R48, R105, R116, R133-R134, R205, R216, R233-R234, R305, R316, R333-R334, R405, R416, R433-R434, R505, R516, R533-R534, R605, R616, R633-R634, R705, R716, R733-R734, R805, R816, R833-R834)]	*NOT available in DP
23	146.0000	PC			RESISTOR;METAL;10 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {145.0}(R1, R21-R22, R50-R51, R59, R63-R66, R108, R110, R113, R142-R143, R146-R148, R164-R171, R208, R210, R213, R242-R243, R246-R248, R264-R271, R308, R310, R313, R342-R343, R346-R348, R364-R371, R408, R410, R413, R442-R443, R446-R448, R464-R471, R508, R510, R513, R542-R543, R546-R548, R564-R571, R608, R610, R613, R642-R643, R646-R648, R664-R671, R708, R710, R713, R742-R743, R746-R748, R764-R771, R808, R810, R813, R842-R843, R846-R848, R864-R871, R917-R918, R920, R950, R952-R953, R1322)] [P0AJI:03: {1.0}(R1)]	*NOT available in DP
24	10.0000	PC			RESISTOR;METAL;15 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {10.0}(R47, R49, R144, R244, R344, R444, R544, R644, R744, R844)]	*NOT available in DP
25	8.0000	PC			RESISTOR;METAL;20 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R172, R272, R372, R472, R572, R672, R772, R872)]	*NOT available in DP
26	1.0000	PC			RESISTOR;METAL;33 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R901)]	*NOT available in DP
27	32.0000	PC			RESISTOR;METAL;47 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {32.0}(R111-R112, R156-R157, R211-R212, R256-R257, R311-R312, R356-R357, R411-R412, R456-R457, R511-R512, R556-R557, R611-R612, R656-R657, R711-R712, R756-R757, R811-R812, R856-R857)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
28	33.0000	PC			RESISTOR;METAL;100 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {32.0}(R158-R161, R258-R261, R358-R361, R458-R461, R558-R561, R658-R661, R758-R761, R858-R861)] [P0AJI:03: {1.0}(R2)]	*NOT available in DP
29	8.0000	PC			RESISTOR;METAL;220 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {8.0}(R141, R241, R341, R441, R541, R641, R741, R841)]	*NOT available in DP
30	1.0000	PC			RESISTOR;METAL;56 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R903)]	*NOT available in DP
31	8.0000	PC			RESISTOR;METAL;47 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R163, R263, R363, R463, R563, R663, R763, R863)]	*NOT available in DP
32	16.0000	PC			RESISTOR;METAL;130 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R153-R154, R253-R254, R353-R354, R453-R454, R553-R554, R653-R654, R753-R754, R853-R854)]	*NOT available in DP
33	17.0000	PC			RESISTOR;METAL;150 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R123, R128, R223, R228, R323, R328, R423, R428, R523, R528, R623, R628, R723, R728, R823, R828)] [P0AJI:03: {1.0}(R905)]	*NOT available in DP
34	23.0000	PC			RESISTOR;METAL;100 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {23.0}(R52-R58, R149-R150, R249-R250, R349-R350, R449-R450, R549-R550, R649-R650, R749-R750, R849-R850)]	*NOT available in DP
35	8.0000	PC			RESISTOR;METAL;120 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {8.0}(R101, R201, R301, R401, R501, R601, R701, R801)]	*NOT available in DP
36	16.0000	PC			RESISTOR;METAL;470 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R138, R238, R338, R438, R538, R638, R738, R838)] [P0AJI:03: {8.0}(R140, R240, R340, R440, R540, R640, R740, R840)]	*NOT available in DP
37	24.0000	PC			RESISTOR;METAL;390 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {24.0}(R106, R114-R115, R206, R214-R215, R306, R314-R315, R406, R414-R415, R506, R514-R515, R606, R614-R615, R706, R714-R715, R806, R814-R815)]	*NOT available in DP
38	2.0000	PC			RESISTOR;METAL;3.6 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {2.0}(R910, R912)]	*NOT available in DP
39	1.0000	PC			RESISTOR;METAL;8.2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}(R36)]	*NOT available in DP
40	8.0000	PC			RESISTOR;METAL;30 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R145, R245, R345, R445, R545, R645, R745, R845)]	*NOT available in DP
41	8.0000	PC			RESISTOR;METAL;51 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R162, R262, R362, R462, R562, R662, R762, R862)]	*NOT available in DP
42	6.0000	PC			RESISTOR;METAL;680 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}(R60)] [P0AJI:03: {5.0}(R922-R926)]	*NOT available in DP
43	8.0000	PC			RESISTOR;METAL;75 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R2-R9)]	*NOT available in DP
44	8.0000	PC			RESISTOR;METAL;1.6 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R136, R236, R336, R436, R536, R636, R736, R836)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
45	16.0000	PC			RESISTOR;METAL;7.5 ohm;0W100B;1 %;200 PPM;SMD603;THICK FILM;1.6 MM;7R5 0603 1% M.FILM RES	[P0AJI:03: {16.0}(R119-R120, R219-R220, R319-R320, R419-R420, R519-R520, R619-R620, R719-R720, R819-R820)]	*NOT available in DP
46	1.0000	PC			RESISTOR;CARBON;100ohm;5%;0W1;SMD805	[A:00: {1.0}(R25)]	*NOT available in DP
47	1.0000	PC			RESISTOR;CARBON;470ohm;5%;0W1;SMD805	[A:00: {1.0}(R13)]	*NOT available in DP
48	2.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W1;SMD805	[A:00: {2.0}(R15, R17)]	*NOT available in DP
49	1.0000	PC			RESISTOR;CARBON;2Kohm4;5%;0W1;SMD805	[A:00: {1.0}(R21)]	*NOT available in DP
50	1.0000	PC			RESISTOR;CARBON;3Kohm3;5%;0W1;SMD805	[A:00: {1.0}(R45)]	*NOT available in DP
51	4.0000	PC			RESISTOR;CARBON;10Kohm;5%;0W1;SMD805	[A:00: {4.0}(R9, R11-R12, R14)]	*NOT available in DP
52	1.0000	PC			RESISTOR;CARBON;30Kohm;5%;0W1;SMD805	[A:00: {1.0}(R24)]	*NOT available in DP
53	1.0000	PC			RESISTOR;METAL;4Kohm7;1%;0W1;SMD805	[A:00: {1.0}(R22)]	*NOT available in DP
54	3.0000	PC			RESISTOR;METAL;10Kohm;1%;0W1;SMD805	[A:00: {3.0}(R40, R44, R46)]	*NOT available in DP
55	1.0000	PC			RESISTOR;METAL;15Kohm;1%;0W1;SMD805	[A:00: {1.0}(R47)]	*NOT available in DP
56	1.0000	PC			RESISTOR;METAL;51Kohm1;1%;0W1;SMD805	[A:00: {1.0}(R23)]	*NOT available in DP
57	2.0000	PC			RESISTOR;CARBON;100ohm;5%;0W25;SMD1210	[A:00: {2.0}(R36, R38)]	*NOT available in DP
58	1.0000	PC			RESISTOR;CARBON;330ohm;5%;0W25;SMD1206	[A:00: {1.0}(R49)]	*NOT available in DP
59	1.0000	PC			RESISTOR;CARBON;56Kohm;5%;0W25;SMD1206	[A:00: {1.0}(R18)]	*NOT available in DP
60	2.0000	PC			RESISTOR;METAL;10ohm;1%;0W25;SMD1206	[A:00: {2.0}(R28-R29)]	*NOT available in DP
61	3.0000	PC			RESISTOR;METAL;47ohm;1%;0W25;SMD1206	[A:00: {3.0}(R10, R26-R27)]	*NOT available in DP
62	3.0000	PC			RESISTOR;METAL;121ohm;1%;0W25;SMD1210	[A:00: {3.0}(R41-R43)]	*NOT available in DP
63	6.0000	PC			RESISTOR;SMT;470Kohm;5%;METAL;0W25;SMD1206	[A:00: {6.0}(R5-R8, R19-R20)]	*NOT available in DP
64	3.0000	PC			RESISTOR;METAL;82ohm;1%;1W;SMD2512	[A:00: {3.0}(R33-R34, R37)]	*NOT available in DP
65	1.0000	PC			RESISTOR;METAL;4Kohm75;1%;1W;SMD2512	[A:00: {1.0}(R35)]	*NOT available in DP
66	1.0000	PC			RESISTOR;METAL;30ohm;1%;0W33;SMD1210	[A:00: {1.0}(R16)]	*NOT available in DP
67	8.0000	PC			POTENTIOMETER;5 kohm;0W0625;C;20 %;STEREO;VERTICAL;Dual 5K (C/RD) Vertical 6mm D Metal Shaft 25mm*	[P0AJI:03: {8.0}(P11, P21, P31, P41, P51, P61, P71, P81)]	*NOT available in DP
68	16.0000	PC			POTENTIOMETER;50 kohm;0W0625;RD;20 %;STEREO;VERTICAL;Dual 50K/100K Vertical 6mm D metal shaft 25mm*	[P0AJI:03: {16.0}(P12-P13, P22-P23, P32-P33, P42-P43, P52-P53, P62-P63, P72-P73, P82-P83)]	*NOT available in DP
69	1.0000	PC		I04-00000-42423	THERMISTOR;NTC;20 kohm;0.450W;10 %;T/B;FLAME PROOF;5 MM;TTC05203KIY;TKS	[A:00: {1.0}(TH2)]	
70	1.0000	PC		I04-00000-42710	THERMISTOR;NTC;5 ohm;2W;20 %;BULK;FLAME PROOF;5 MM;SCK053;5ohm,3A;D:8mm	[A:00: {1.0}(TH1)]	
71	1.0000	PC			RESISTOR;TRIMMER;1 kohm;10 %;100 PPM;CERMET;BOURNS 3362P	[A:00: {1.0}(VR1)]	*NOT available in DP
72	1.0000	PC			RESISTOR;METAL;22 kohm;2W;5 %;MET;AXIAL;METAL OXIDE	[A:00: {1.0}(R3)]	*NOT available in DP
73	1.0000	PC			RESISTOR;CARBON;0ohm47;5%;1W;LEAD WIRE;HORIZONTAL 52-6mm	[A:00: {1.0}(R1)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
74	24.0000	PC			RESISTOR;METAL;10 ohm;0W4;1 %;100 PPM;T/B;HORIZONTAL 26-6mm;AI	[P0AJI:02: {24.0}(R109, R179-R180, R209, R279-R280, R309, R379-R380, R409, R479-R480, R509, R579-R580, R609, R679-R680, R709, R779-R780, R809, R879-R880)]	*NOT available in DP
75	1.0000	PC			RESISTOR;METAL;39 kohm;3W;5 %;VERTICAL;METAL OXIDE FILM;10 MM;F-TYPE;SMALL SIZE	[A:00: {1.0}(R2)]	*NOT available in DP
76	1.0000	PC			RESISTOR;METAL;150 ohm;3W;5 %;VERTICAL;METAL OXIDE FILM;10 MM;F-TYPE;SMALL SIZE	[A:00: {1.0}(R4)]	*NOT available in DP
77	1.0000	PC			RESISTOR;METAL;39 kohm;3W;5 %;VERTICAL;METAL OXIDE FILM;10 MM;F-TYPE;SMALL SIZE	[A:00: {1.0}(R2)]	*NOT available in DP
78	8.0000	PC			POTENTIOMETER;5 kohm;0W0625;C;20 %;STEREO;VERTICAL;Dual 5K (C/RD) Vertical 6mm D Metal Shaft 25mm*	[P0AJI:03: {8.0}(P11, P21, P31, P41, P51, P61, P71, P81)]	*NOT available in DP
79	1.0000	PC			RESISTOR;TRIMMER;1 kohm;10 %;100 PPM;CERMET;BOURNS 3362P	[A:00: {1.0}(VR1)]	*NOT available in DP
80	13.0000	PC			RESISTOR;METAL;1 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {13.0}(R23, R27, R33, R40-R41, R137, R237, R337, R437, R537, R637, R737, R837)]	*NOT available in DP
81	1.0000	PC			RESISTOR;METAL;33 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R901)]	*NOT available in DP
82	16.0000	PC			RESISTOR;METAL;6.8 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R102-R103, R202-R203, R302-R303, R402-R403, R502-R503, R602-R603, R702-R703, R802-R803)]	*NOT available in DP
83	16.0000	PC			POTENTIOMETER;50 kohm;0W0625;RD;20 %;STEREO;VERTICAL;Dual 50K/100K Vertical 6mm D metal shaft 25mm*	[P0AJI:03: {16.0}(P12-P13, P22-P23, P32-P33, P42-P43, P52-P53, P62-P63, P72-P73, P82-P83)]	*NOT available in DP
84	8.0000	PC			RESISTOR;METAL;220 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {8.0}(R141, R241, R341, R441, R541, R641, R741, R841)]	*NOT available in DP
85	4.0000	PC			RESISTOR;CARBON;10Kohm;5%;0W1;SMD805	[A:00: {4.0}(R9, R11-R12, R14)]	*NOT available in DP
86	1.0000	PC			RESISTOR;METAL;8.2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}(R36)]	*NOT available in DP
87	8.0000	PC			RESISTOR;METAL;30 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R145, R245, R345, R445, R545, R645, R745, R845)]	*NOT available in DP
88	8.0000	PC			RESISTOR;METAL;75 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R2-R9)]	*NOT available in DP
89	1.0000	PC			RESISTOR;CARBON;56Kohm;5%;0W25;SMD1206	[A:00: {1.0}(R18)]	*NOT available in DP
90	10.0000	PC			RESISTOR;METAL;120 ohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:03: {10.0}(R177, R277, R377, R477, R577, R677, R777, R877, R915-R916)]	*NOT available in DP
91	1.0000	PC			RESISTOR;METAL;4Kohm7;1%;0W1;SMD805	[A:00: {1.0}(R22)]	*NOT available in DP
92	32.0000	PC			RESISTOR;METAL;47 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {32.0}(R111-R112, R156-R157, R211-R212, R256-R257, R311-R312, R356-R357, R411-R412, R456-R457, R511-R512, R556-R557, R611-R612, R656-R657, R711-R712, R756-R757, R811-R812, R856-R857)]	*NOT available in DP
93	1.0000	PC			RESISTOR;METAL;56 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R903)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
94	8.0000	PC			RESISTOR;METAL;2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R139, R239, R339, R439, R539, R639, R739, R839)]	*NOT available in DP
95	1.0000	PC			RESISTOR;CARBON;30Kohm;5%;0W1;SMD805	[A:00: {1.0}(R24)]	*NOT available in DP
96	17.0000	PC			RESISTOR;METAL;470 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R126-R127, R226-R227, R326-R327, R426-R427, R526-R527, R626-R627, R726-R727, R826-R827)] [P0AJI:03: {1.0}(R907)]	*NOT available in DP
97	16.0000	PC			RESISTOR;METAL;4.7 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R129-R130, R229-R230, R329-R330, R429-R430, R529-R530, R629-R630, R729-R730, R829-R830)]	*NOT available in DP
98	5.0000	PC			RESISTOR;METAL;ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {5.0}(R19-R20, R31, R38, R951)]	*NOT available in DP
99	32.0000	PC			RESISTOR;METAL;2.2 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {32.0}(R124-R125, R175-R176, R224-R225, R275-R276, R324-R325, R375-R376, R424-R425, R475-R476, R524-R525, R575-R576, R624-R625, R675-R676, R724-R725, R775-R776, R824-R825, R875-R876)]	*NOT available in DP
100	10.0000	PC			RESISTOR;METAL;15 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {10.0}(R47, R49, R144, R244, R344, R444, R544, R644, R744, R844)]	*NOT available in DP
101	1.0000	PC			RESISTOR;METAL;1.5 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R902)]	*NOT available in DP
102	1.0000	PC			RESISTOR;METAL;22 kohm;2W;5 %;MET;AXIAL;METAL OXIDE	[A:00: {1.0}(R3)]	*NOT available in DP
103	17.0000	PC			RESISTOR;METAL;910 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R151-R152, R251-R252, R351-R352, R451-R452, R551-R552, R651-R652, R751-R752, R851-R852)] [P0AJI:03: {1.0}(R908)]	*NOT available in DP
104	1.0000	PC			RESISTOR;CARBON;3Kohm3;5%;0W1;SMD805	[A:00: {1.0}(R45)]	*NOT available in DP
105	2.0000	PC			RESISTOR;METAL;3.6 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {2.0}(R910, R912)]	*NOT available in DP
106	1.0000	PC			RESISTOR;CARBON;470ohm;5%;0W1;SMD805	[A:00: {1.0}(R13)]	*NOT available in DP
107	1.0000	PC			RESISTOR;METAL;15Kohm;1%;0W1;SMD805	[A:00: {1.0}(R47)]	*NOT available in DP
108	18.0000	PC			RESISTOR;METAL;1.8 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {17.0}(R39, R104, R107, R204, R207, R304, R307, R404, R407, R504, R507, R604, R607, R704, R707, R804, R807)] [P0AJI:03: {1.0}(R909)]	*NOT available in DP
109	2.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W1;SMD805	[A:00: {2.0}(R15, R17)]	*NOT available in DP
110	6.0000	PC			RESISTOR;SMT;470Kohm;5%;METAL;0W25;SMD1206	[A:00: {6.0}(R5-R8, R19-R20)]	*NOT available in DP
111	3.0000	PC			RESISTOR;METAL;82ohm;1%;1W;SMD2512	[A:00: {3.0}(R33-R34, R37)]	*NOT available in DP
112	1.0000	PC			RESISTOR;METAL;51Kohm1;1%;0W1;SMD805	[A:00: {1.0}(R23)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
113	23.0000	PC			RESISTOR;METAL;100 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {23.0}(R52-R58, R149-R150, R249-R250, R349-R350, R449-R450, R549-R550, R649-R650, R749-R750, R849-R850)]	*NOT available in DP
114	3.0000	PC			RESISTOR;METAL;47ohm;1%;0W25;SMD1206	[A:00: {3.0}(R10, R26-R27)]	*NOT available in DP
115	1.0000	PC			RESISTOR;METAL;30ohm;1%;0W33;SMD1210	[A:00: {1.0}(R16)]	*NOT available in DP
116	8.0000	PC			RESISTOR;METAL;120 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {8.0}(R101, R201, R301, R401, R501, R601, R701, R801)]	*NOT available in DP
117	8.0000	PC			RESISTOR;METAL;1.6 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R136, R236, R336, R436, R536, R636, R736, R836)]	*NOT available in DP
118	1.0000	PC			RESISTOR;METAL;220 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {1.0}(R906)]	*NOT available in DP
119	1.0000	PC			RESISTOR;CARBON;2Kohm4;5%;0W1;SMD805	[A:00: {1.0}(R21)]	*NOT available in DP
120	2.0000	PC			RESISTOR;METAL;10ohm;1%;0W25;SMD1206	[A:00: {2.0}(R28-R29)]	*NOT available in DP
121	1.0000	PC			RESISTOR;CARBON;330ohm;5%;0W25;SMD1206	[A:00: {1.0}(R49)]	*NOT available in DP
122	16.0000	PC			RESISTOR;METAL;56 ohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R173-R174, R273-R274, R373-R374, R473-R474, R573-R574, R673-R674, R773-R774, R873-R874)]	*NOT available in DP
123	24.0000	PC			RESISTOR;METAL;390 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {24.0}(R106, R114-R115, R206, R214-R215, R306, R314-R315, R406, R414-R415, R506, R514-R515, R606, R614-R615, R706, R714-R715, R806, R814-R815)]	*NOT available in DP
124	8.0000	PC			RESISTOR;METAL;1.2 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R135, R235, R335, R435, R535, R635, R735, R835)]	*NOT available in DP
125	15.0000	PC			RESISTOR;METAL;33 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {15.0}(R10-R11, R13-R18, R25, R29-R30, R42-R45)]	*NOT available in DP
126	35.0000	PC			RESISTOR;METAL;4.7 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {35.0}(R35, R46, R48, R105, R116, R133-R134, R205, R216, R233-R234, R305, R316, R333-R334, R405, R416, R433-R434, R505, R516, R533-R534, R605, R616, R633-R634, R705, R716, R733-R734, R805, R816, R833-R834)]	*NOT available in DP
127	24.0000	PC			RESISTOR;METAL;10 ohm;0W4;1 %;100 PPM;T/B;HORIZONTAL 26-6mm;Al	[P0AJI:02: {24.0}(R109, R179-R180, R209, R279-R280, R309, R379-R380, R409, R479-R480, R509, R579-R580, R609, R679-R680, R709, R779-R780, R809, R879-R880)]	*NOT available in DP
128	1.0000	PC			RESISTOR;METAL;10 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}(R28)]	*NOT available in DP
129	16.0000	PC			RESISTOR;METAL;10 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R131-R132, R231-R232, R331-R332, R431-R432, R531-R532, R631-R632, R731-R732, R831-R832)]	*NOT available in DP
130	1.0000	PC			RESISTOR;CARBON;100ohm;5%;0W1;SMD805	[A:00: {1.0}(R25)]	*NOT available in DP
131	8.0000	PC			RESISTOR;METAL;51 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R162, R262, R362, R462, R562, R662, R762, R862)]	*NOT available in DP
132	7.0000	PC			RESISTOR;METAL;330 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {7.0}(R61-R62, R946-R949, R1323)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
133	16.0000	PC			RESISTOR;METAL;3.3 kohm;0.20W;1 %;50 PPM;SMD0102;MELF	[P0AJI:02: {16.0}(R117-R118, R217-R218, R317-R318, R417-R418, R517-R518, R617-R618, R717-R718, R817-R818)]	*NOT available in DP
134	16.0000	PC			RESISTOR;METAL;130 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}(R153-R154, R253-R254, R353-R354, R453-R454, R553-R554, R653-R654, R753-R754, R853-R854)]	*NOT available in DP
135	8.0000	PC			RESISTOR;METAL;20 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R172, R272, R372, R472, R572, R672, R772, R872)]	*NOT available in DP
136	146.0000	PC			RESISTOR;METAL;10 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {145.0}(R1, R21-R22, R50-R51, R59, R63-R66, R108, R110, R113, R142-R143, R146-R148, R164-R171, R208, R210, R213, R242-R243, R246-R248, R264-R271, R308, R310, R313, R342-R343, R346-R348, R364-R371, R408, R410, R413, R442-R443, R446-R448, R464-R471, R508, R510, R513, R542-R543, R546-R548, R564-R571, R608, R610, R613, R642-R643, R646-R648, R664-R671, R708, R710, R713, R742-R743, R746-R748, R764-R771, R808, R810, R813, R842-R843, R846-R848, R864-R871, R917-R918, R920, R950, R952-R953, R1322)] [P0AJI:03: {1.0}(R1)]	*NOT available in DP
137	1.0000	PC			RESISTOR;CARBON;0ohm47;5%;1W;LEAD WIRE;HORIZONTAL 52-6mm	[A:00: {1.0}(R1)]	*NOT available in DP
138	16.0000	PC			RESISTOR;METAL;470 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R138, R238, R338, R438, R538, R638, R738, R838)] [P0AJI:03: {8.0}(R140, R240, R340, R440, R540, R640, R740, R840)]	*NOT available in DP
139	1.0000	PC			RESISTOR;CARBON;2 kohm;0W125;1 %;100 PPM;SMD805;THICK FILM	[A:00: {1.0}(R48)]	*NOT available in DP
140	11.0000	PC			RESISTOR;METAL;3.3 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:03: {11.0}(R178, R278, R378, R478, R578, R678, R778, R878, R911, R913-R914)]	*NOT available in DP
141	3.0000	PC			RESISTOR;METAL;10Kohm;1%;0W1;SMD805	[A:00: {3.0}(R40, R44, R46)]	*NOT available in DP
142	1.0000	PC			RESISTOR;METAL;4Kohm75;1%;1W;SMD2512	[A:00: {1.0}(R35)]	*NOT available in DP
143	1.0000	PC			RESISTOR;METAL;150 ohm;3W;5 %;VERTICAL;METAL OXIDE FILM;10 MM;F-TYPE;SMALL SIZE	[A:00: {1.0}(R4)]	*NOT available in DP
144	3.0000	PC			RESISTOR;METAL;121ohm;1%;0W25;SMD1210	[A:00: {3.0}(R41-R43)]	*NOT available in DP
145	8.0000	PC			RESISTOR;METAL;47 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {8.0}(R163, R263, R363, R463, R563, R663, R763, R863)]	*NOT available in DP
146	33.0000	PC			RESISTOR;METAL;100 kohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {32.0}(R158-R161, R258-R261, R358-R361, R458-R461, R558-R561, R658-R661, R758-R761, R858-R861)] [P0AJI:03: {1.0}(R2)]	*NOT available in DP
147	16.0000	PC			RESISTOR;METAL;7.5 ohm;0W100;B;1 %;200 PPM;SMD603;THICK FILM;1.6 MM;7R5 0603 1% M.FILM RES	[P0AJI:03: {16.0}(R119-R120, R219-R220, R319-R320, R419-R420, R519-R520, R619-R620, R719-R720, R819-R820)]	*NOT available in DP

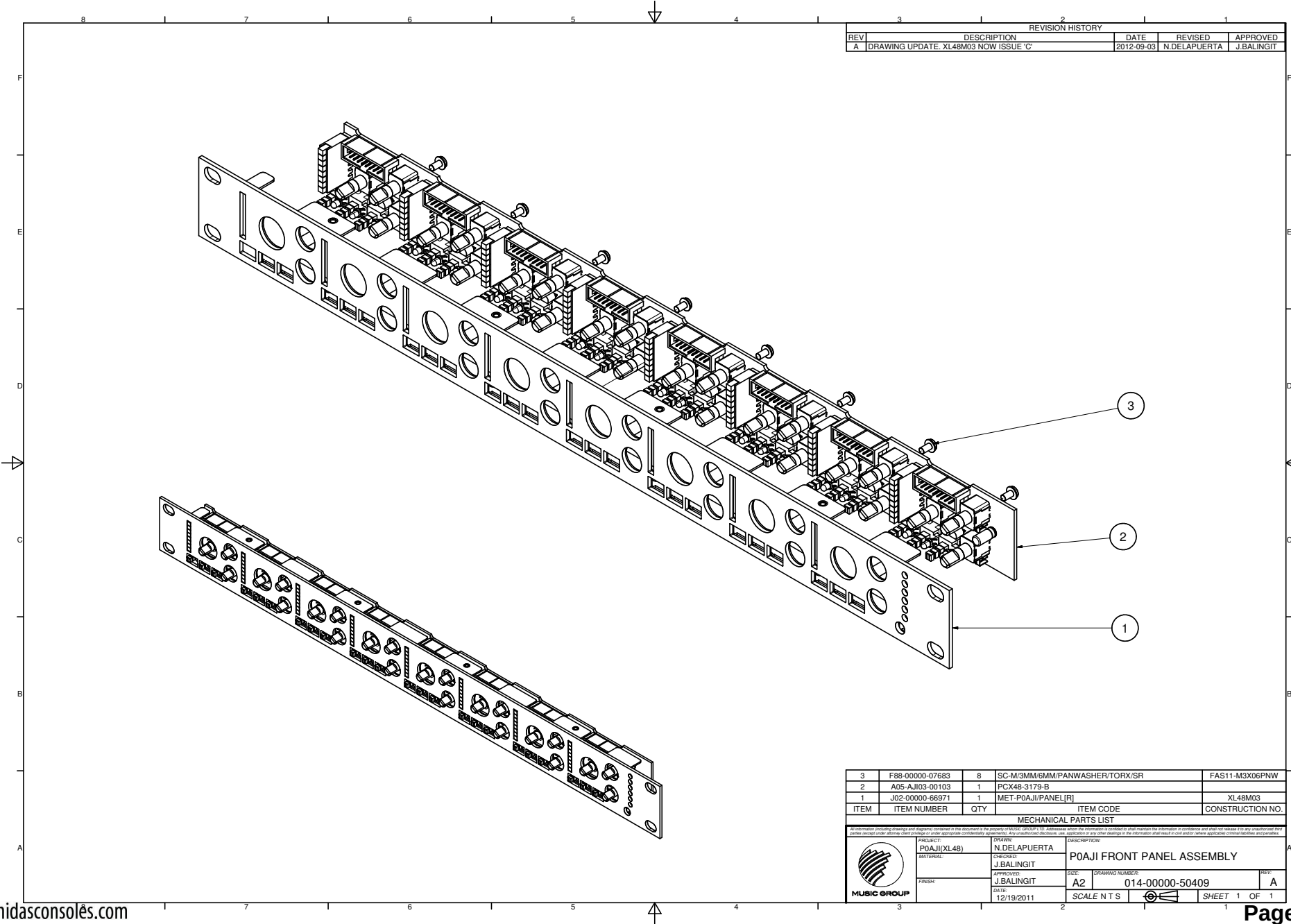
	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
148	2.0000	PC			RESISTOR;CARBON;100ohm;5%;0W25;SMD1210	[A:00: {2.0}{R36, R38}]	*NOT available in DP
149	17.0000	PC			RESISTOR;METAL;150 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {16.0}{R123, R128, R223, R228, R323, R328, R423, R428, R523, R528, R623, R628, R723, R728, R823, R828}] [P0AJI:03: {1.0}{R905}]	*NOT available in DP
150	6.0000	PC			RESISTOR;METAL;680 ohm;0W100;1 %;100 PPM;SMD603;MET	[P0AJI:02: {1.0}{R60}] [P0AJI:03: {5.0}{R922-R926}]	*NOT available in DP

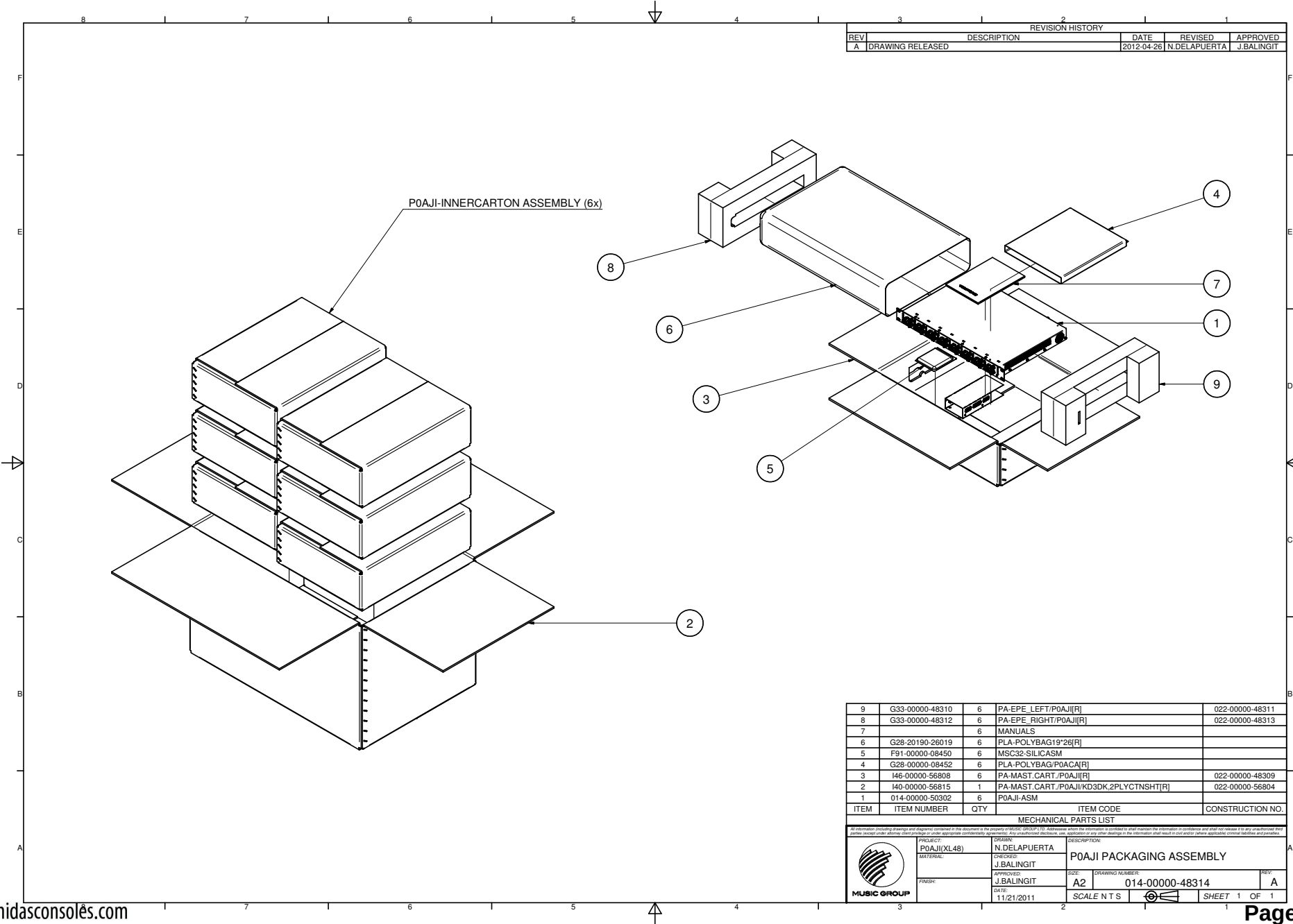
Switch

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	8.0000	PC	Y82-00000-46189	I82-00000-46189	SWITCH;PUSH;2;LOCKING;NONSHORT;8;LOCKING W/ BENT GREEN LED;LTV-77-5010	[P0AJI:03: {8.0}{S13, S23, S33, S43, S53, S63, S73, S83}]	
2	8.0000	PC	Y82-00000-46190	I82-00000-46190	SWITCH;PUSH;2;LOCKING;NONSHORT;8;LOCKING W/ BENT RED LED;LTV-77-5011	[P0AJI:03: {8.0}{S11, S21, S31, S41, S51, S61, S71, S81}]	
3	8.0000	PC	Y82-00000-46191	I82-00000-46191	SWITCH;PUSH;2;LOCKING;NONSHORT;8;LOCKING W/ BENT YELLOW LED;LTV-77-5012	[P0AJI:03: {8.0}{S12, S22, S32, S42, S52, S62, S72, S82}]	
4	1.0000	PC	Y87-00000-16284	I87-00000-16284	SWITCH;TACTILE;1;LOCKING;MOMENTARY W/ BLUE LED;PB6149L-4	[P0AJI:03: {1.0}{S11}]	

Transistor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	10.0000	PC			TRANSISTOR;TO92_TAPE;3;PNP;BC32716BU;PITCH:2.54;TAPING	[P0AJI:03: {10.0}(Q17, Q27, Q37, Q47, Q57, Q67, Q77, Q87, Q112-Q113)]	*NOT available in DP
2	8.0000	PC			TRANSISTOR;TO92_TAPE;3;BC33716TA	[P0AJI:02: {8.0}(Q11, Q21, Q31, Q41, Q51, Q61, Q71, Q81)]	*NOT available in DP
3	32.0000	PC			TRANSISTOR;2SA970-GR;TAPING;P:2.54MM;TO92	[P0AJI:02: {32.0}(Q12-Q15, Q22-Q25, Q32-Q35, Q42-Q45, Q52-Q55, Q62-Q65, Q72-Q75, Q82-Q85)]	*NOT available in DP
4	1.0000	PC			TRANSISTOR;MOSFET;FQPF12N60C;TO220F	[A:00: {1.0}(T1)]	*NOT available in DP
5	1.0000	PC			TRANSISTOR;MMBT3904LT1;SOT23;SMD	[A:00: {1.0}(T4)]	*NOT available in DP
6	2.0000	PC			TRANSISTOR;MMBT4403;SOT23	[A:00: {2.0}(T2-T3)]	*NOT available in DP
7	8.0000	PC			TRANSISTOR;SST112;SOT	[P0AJI:02: {8.0}(Q16, Q26, Q36, Q46, Q56, Q66, Q76, Q86)]	*NOT available in DP
8	8.0000	PC			TRANSISTOR;SST112;SOT	[P0AJI:02: {8.0}(Q16, Q26, Q36, Q46, Q56, Q66, Q76, Q86)]	*NOT available in DP
9	1.0000	PC			TRANSISTOR;MOSFET;FQPF12N60C;TO220F	[A:00: {1.0}(T1)]	*NOT available in DP
10	2.0000	PC			TRANSISTOR;MMBT4403;SOT23	[A:00: {2.0}(T2-T3)]	*NOT available in DP
11	1.0000	PC			TRANSISTOR;MMBT3904LT1;SOT23;SMD	[A:00: {1.0}(T4)]	*NOT available in DP
12	10.0000	PC			TRANSISTOR;TO92_TAPE;3;PNP;BC32716BU;PITCH:2.54;TAPING	[P0AJI:03: {10.0}(Q17, Q27, Q37, Q47, Q57, Q67, Q77, Q87, Q112-Q113)]	*NOT available in DP
13	8.0000	PC			TRANSISTOR;TO92_TAPE;3;BC33716TA	[P0AJI:02: {8.0}(Q11, Q21, Q31, Q41, Q51, Q61, Q71, Q81)]	*NOT available in DP
14	32.0000	PC			TRANSISTOR;2SA970-GR;TAPING;P:2.54MM;TO92	[P0AJI:02: {32.0}(Q12-Q15, Q22-Q25, Q32-Q35, Q42-Q45, Q52-Q55, Q62-Q65, Q72-Q75, Q82-Q85)]	*NOT available in DP





REVISION HISTORY				
REV	DESCRIPTION	DATE	REVISED	APPROVED
A	DRAWING RELEASED	2012-04-26	N.DELAPUERTA	J.BALINGIT

9	G33-00000-48310	6	PA-EPE_LEFT/P0AJI[R]	022-00000-48311
8	G33-00000-48312	6	PA-EPE_RIGHT/P0AJI[R]	022-00000-48313
7		6	MANUALS	
6	G28-20190-26019	6	PLA-POLYBAG19*26[R]	
5	F91-00000-08450	6	MSC32-SILICASM	
4	G28-00000-08452	6	PLA-POLYBAG/P0ACA[R]	
3	I46-00000-56808	6	PA-MAST_CART./P0AJI[R]	022-00000-48309
2	I40-00000-56815	1	PA-MAST_CART./P0AJI/KD3DK2PLYCTNSHT[R]	022-00000-56804
1	014-00000-50302	6	P0AJI-ASM	
ITEM	ITEM NUMBER	QTY	ITEM CODE	CONSTRUCTION NO.

MECHANICAL PARTS LIST				DESCRIPTION	
PROJECT		P0AJI(XL48)		N.DELAPUERTA	
MATERIAL				J.BALINGIT	
APPROVED				J.BALINGIT	
DATE		11/21/2011		11/21/2011	
SIZE		A2		DRAWING NUMBER	
				014-00000-48314	
				SCALE N T S	
				SHEET 1 OF 1	

