



Service Manual

Created: 04 June 2015



XENYX QX1832USB

Premium 18-Input 3/2-Bus Mixer with XENYX Mic Preamps & Compressors, KLARK TEKNIK Multi-FX Processor, Wireless Option and USB/Audio Interface

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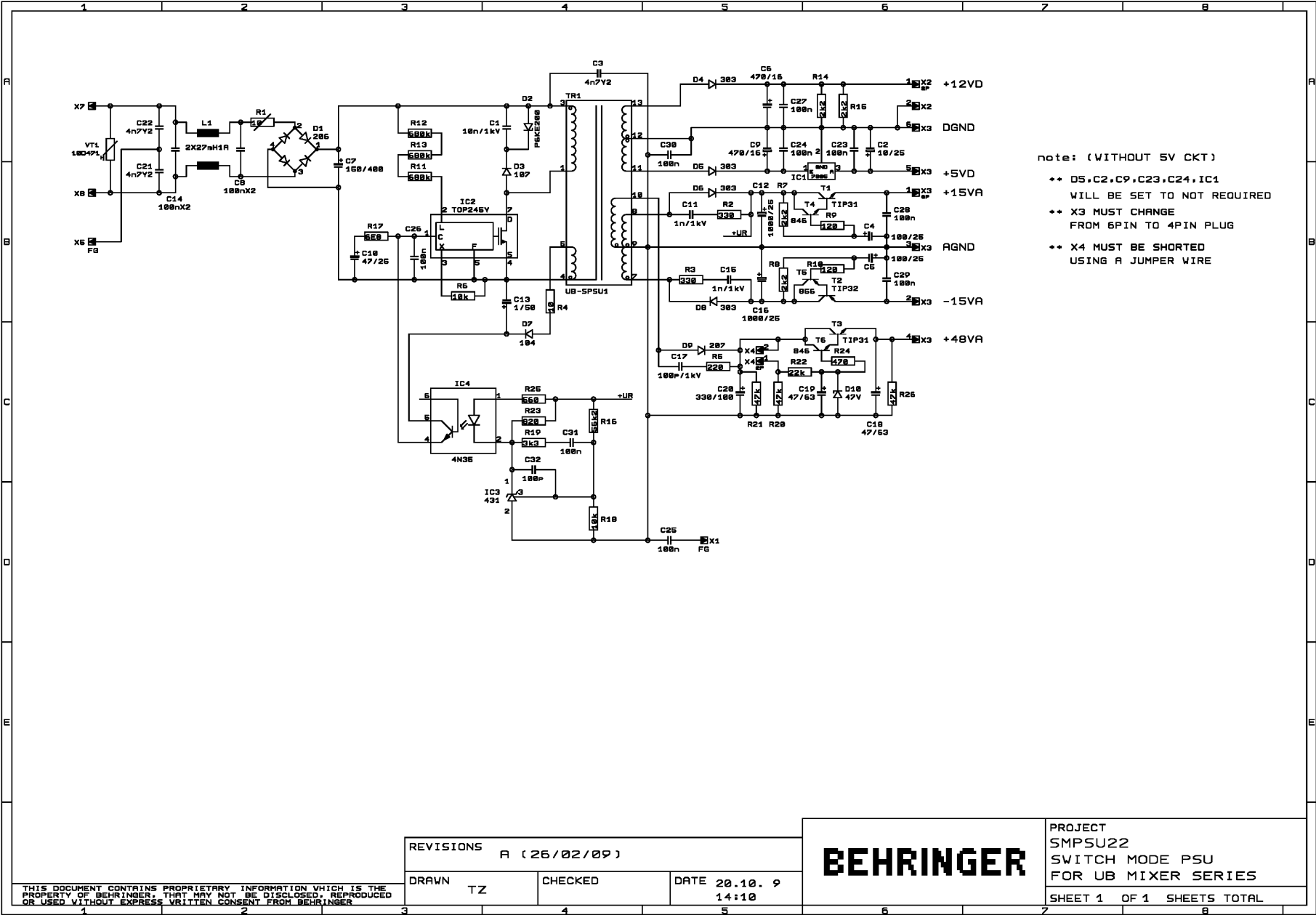
behringer.com

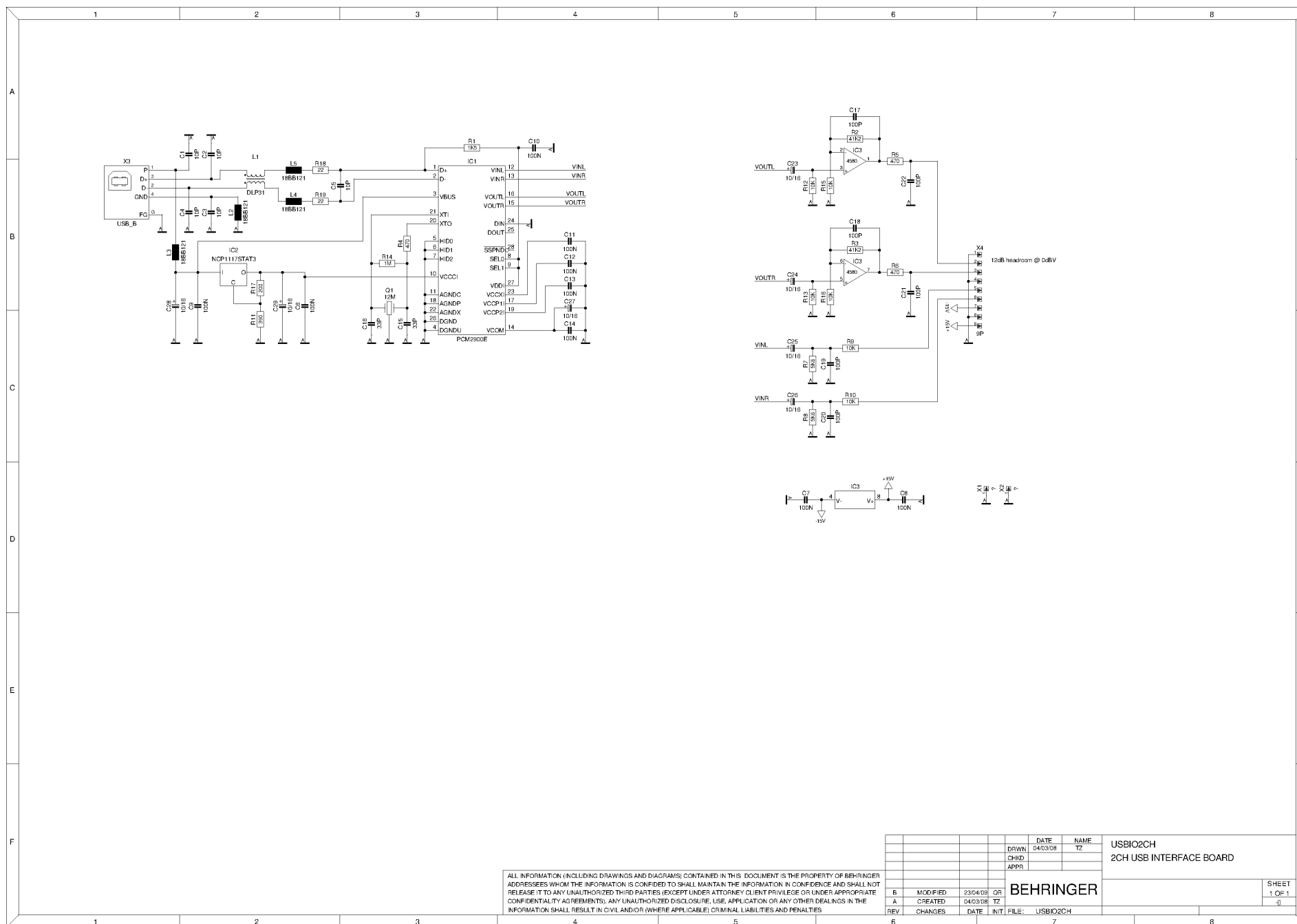


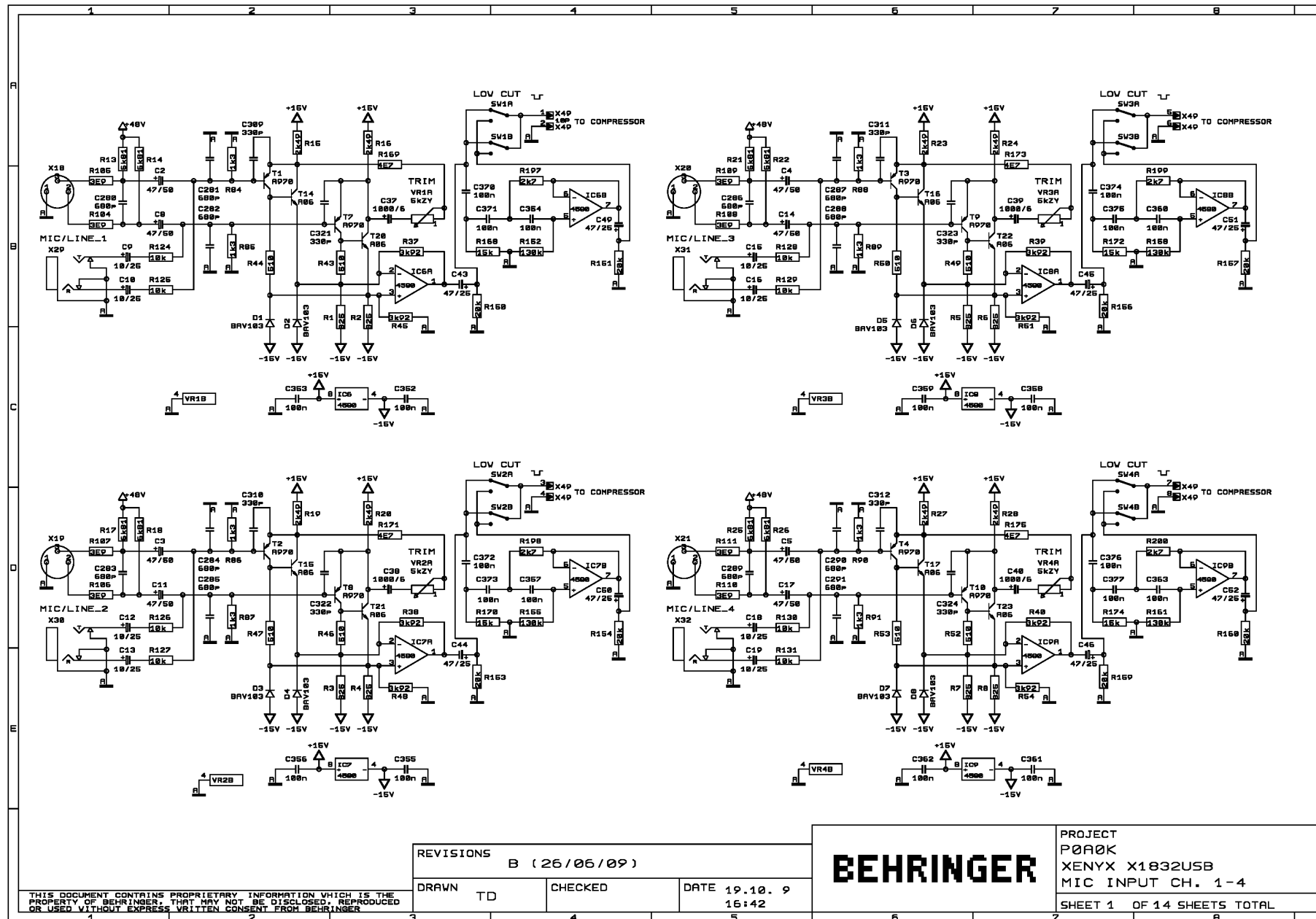
XENYX QX1832USB

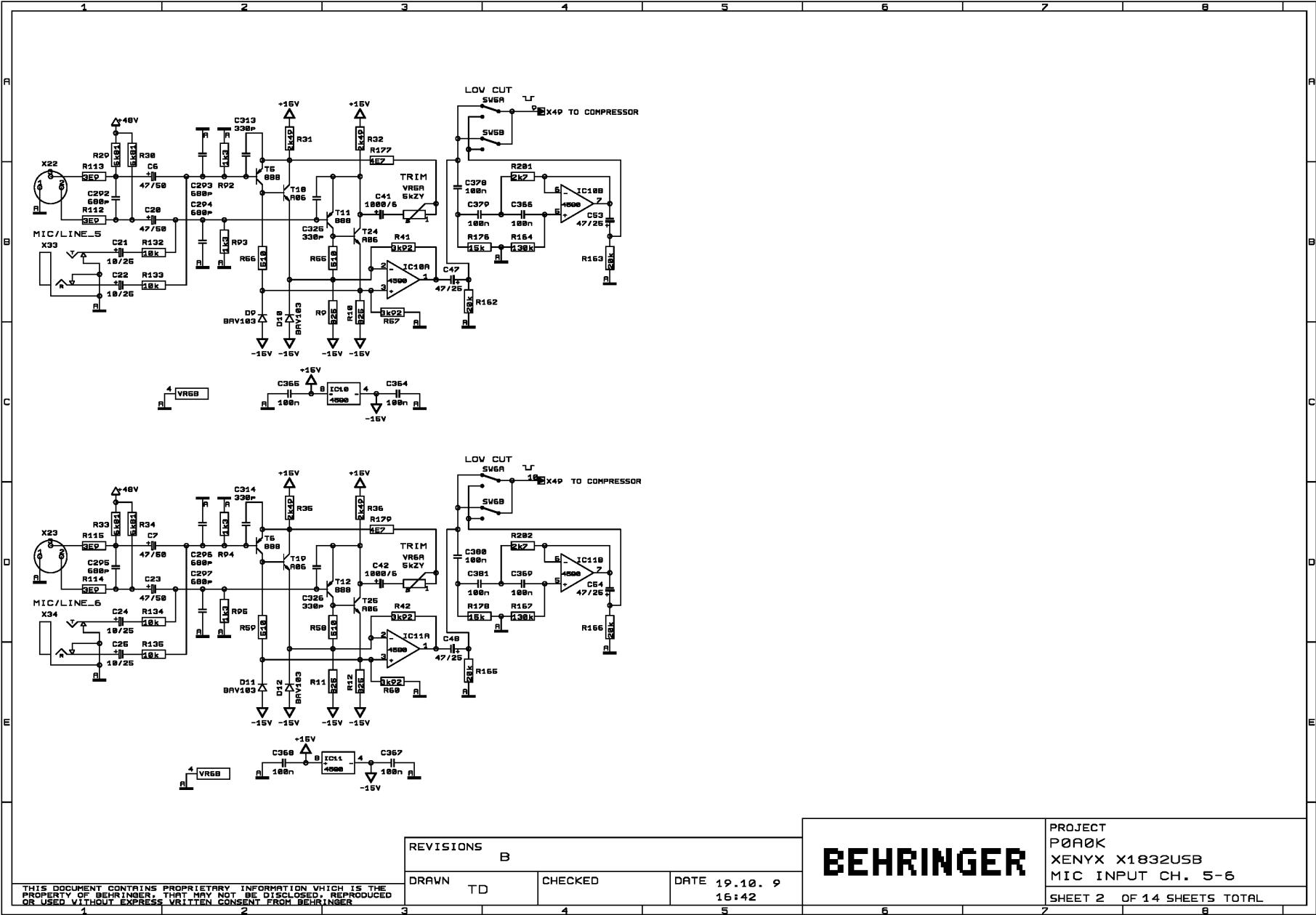
Specifications

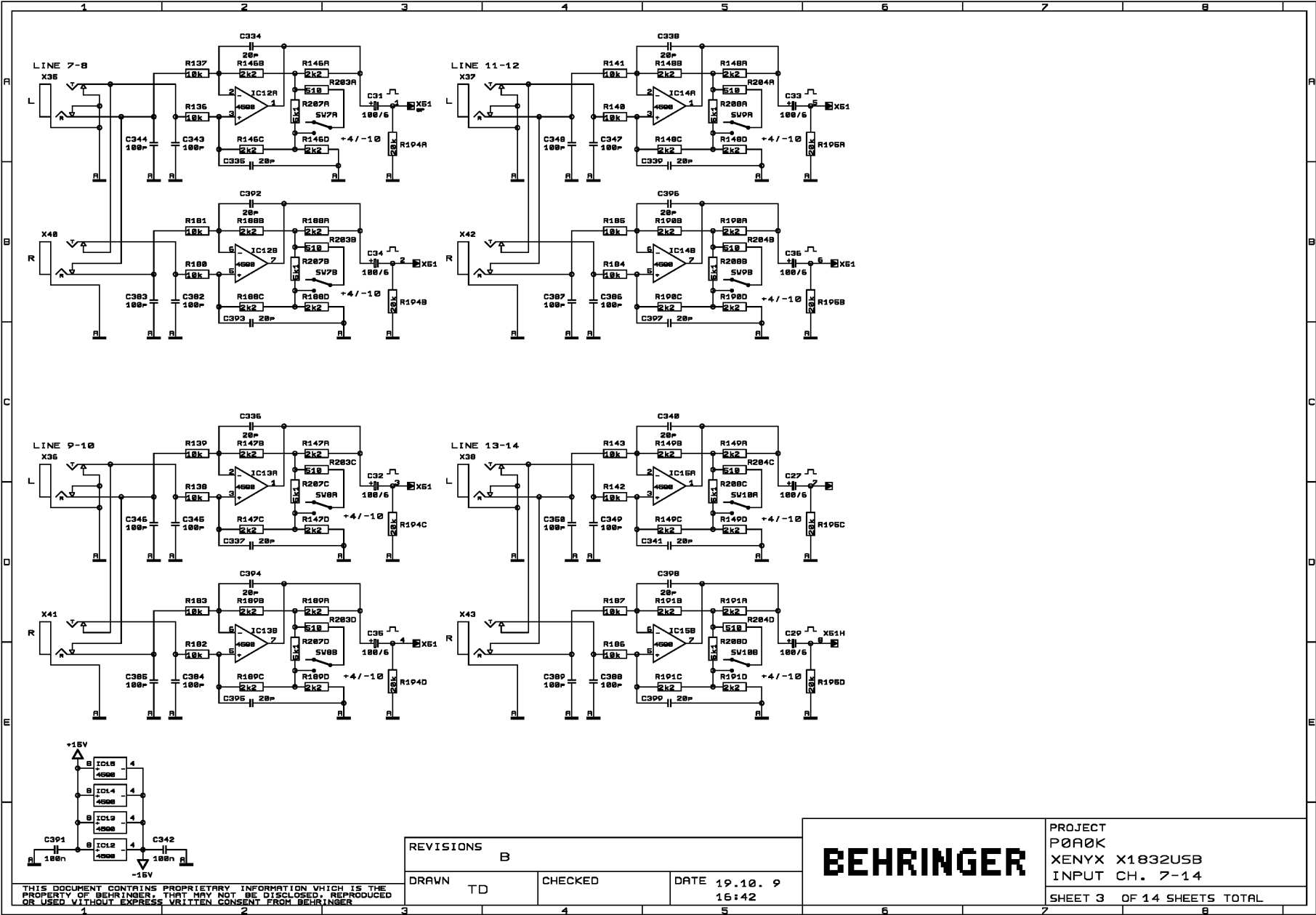
- Premium ultra-low noise, high headroom mixer
- 6 state-of-the-art, phantom-powered XENYX Mic Preamps comparable to stand-alone boutique preamps
- 6 studio-grade compressors with super-easy "one-knob" functionality and control LED for professional vocal and instrumental sound
- Ultra-high quality KLARK TEKNIK FX processor with LCD display, dual-parameters, Tap function and storable user parameter settings
- "Wireless-ready" for high-quality BEHRINGER digital wireless system (not included)
- Built-in stereo USB/Audio Interface to connect directly to your computer. Free audio recording, editing and podcasting software plus 150 instrument/effect plug-ins downloadable at behringer.com
- Tracktion* 4 Music Production Software included free of charge to help you realize your creative potential
- Neo-classic "British" 3-band EQs with semi-parametric mid band for warm and musical sound
- 9-band stereo graphic EQ allows precise frequency correction of monitor or main mixes
- Revolutionary FBQ Feedback Detection System instantly reveals critical frequencies
- Breathtaking XPQ 3D stereo surround effect for more vitality and enhanced stereo image
- Voice Canceller function for easy-to-use sing-along applications
- Channel inserts on each mono channel for flexible connection of outboard equipment
- 3 aux sends per channel: 1 pre fader for monitoring, 1 pre/post fader switchable for monitoring/FX applications, 1 post fader (for internal FX or as external send)
- Clip LEDs, mute, main mix and subgroup routing switches, solo and PFL functions on all channels
- 2 subgroups with separate outputs for added routing flexibility and 2 multi-functional stereo aux returns with flexible routing
- Balanced main mix outputs with gold-plated XLR connectors, headphone/control room output and stereo rec outputs
- Long-wearing 60-mm logarithmic-taper faders and sealed rotary controls
- "Planet Earth" switching power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response plus low power consumption for energy saving
- 3-Year Warranty Program**
- Conceived and designed by BEHRINGER Germany

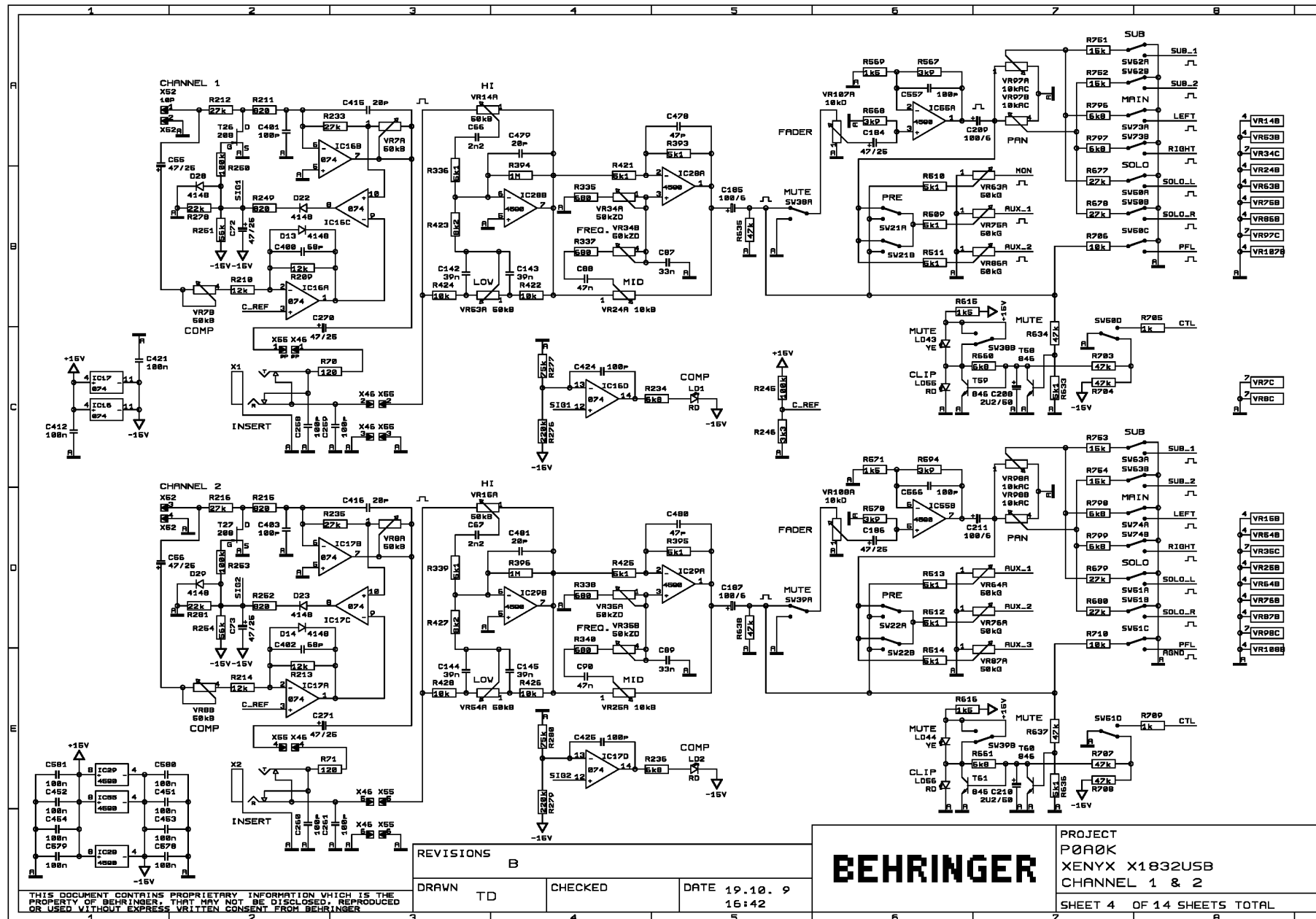


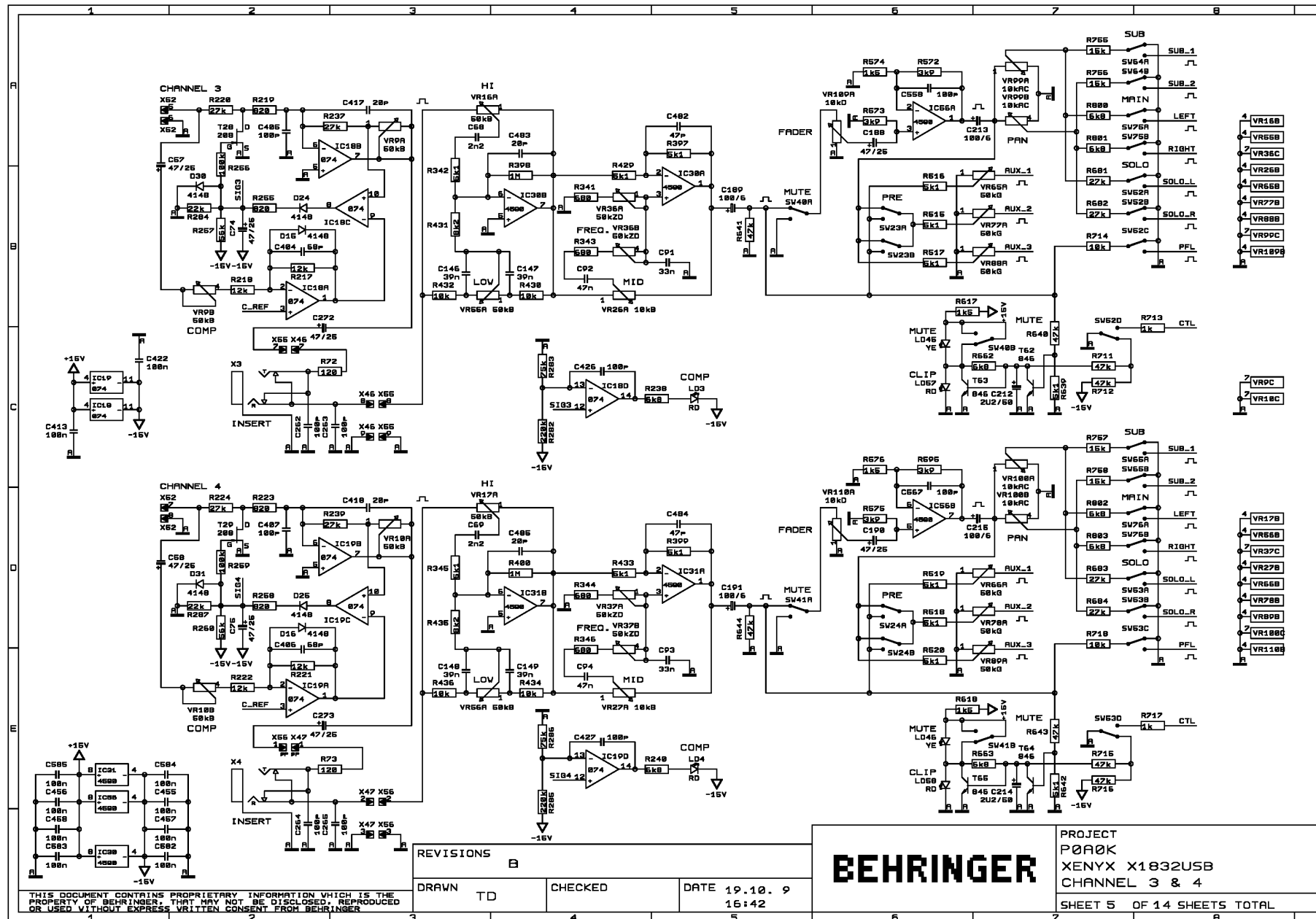


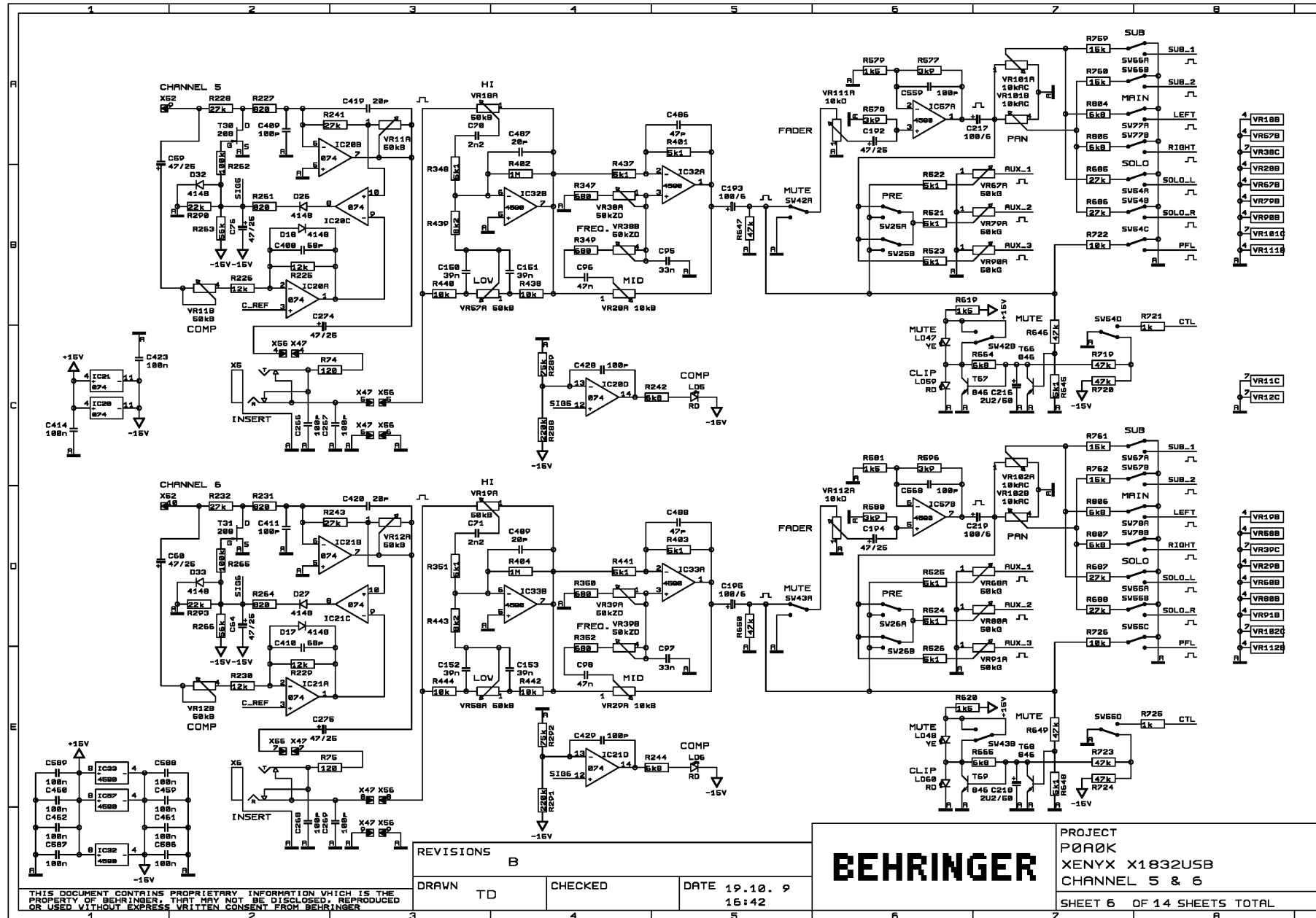


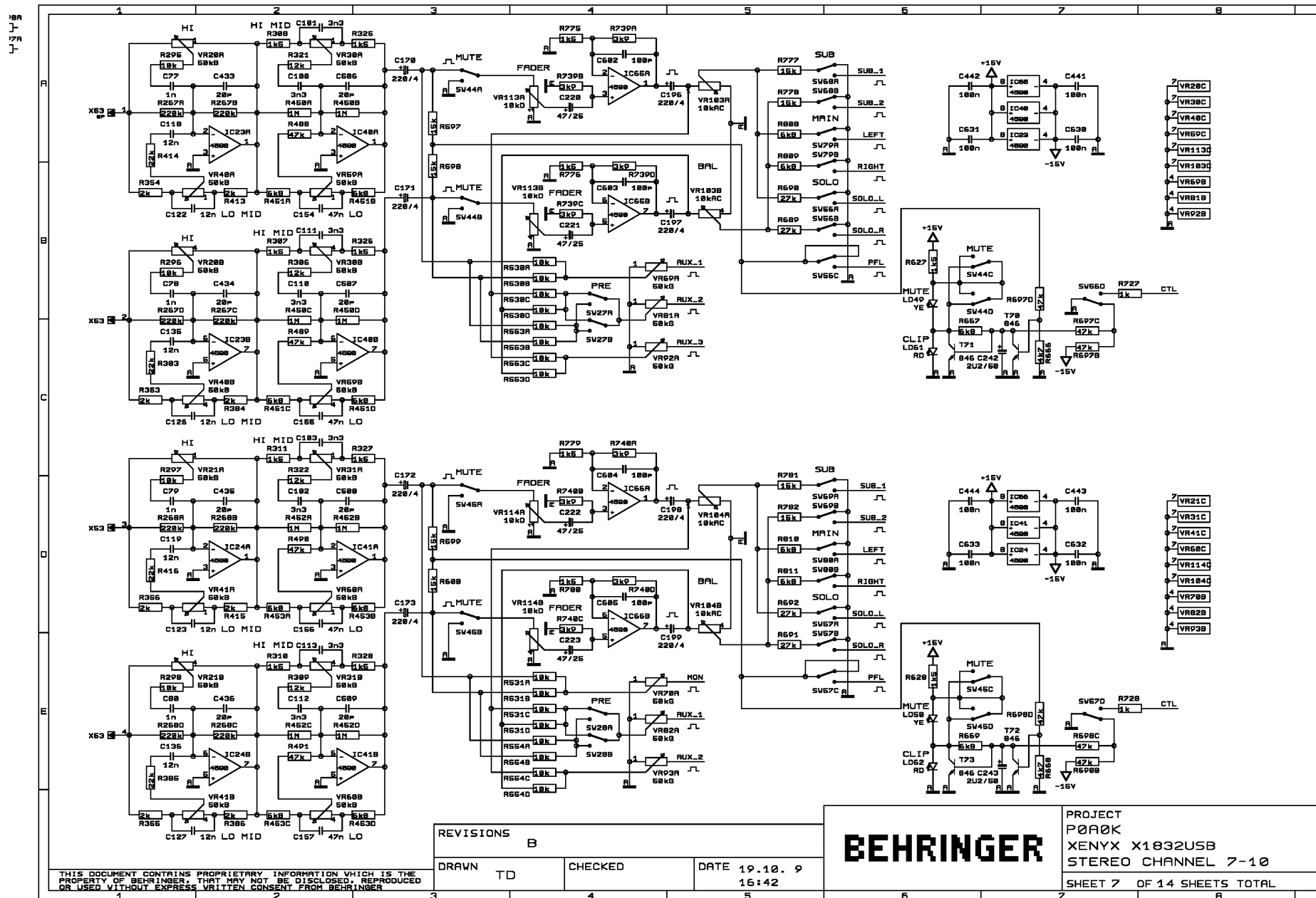


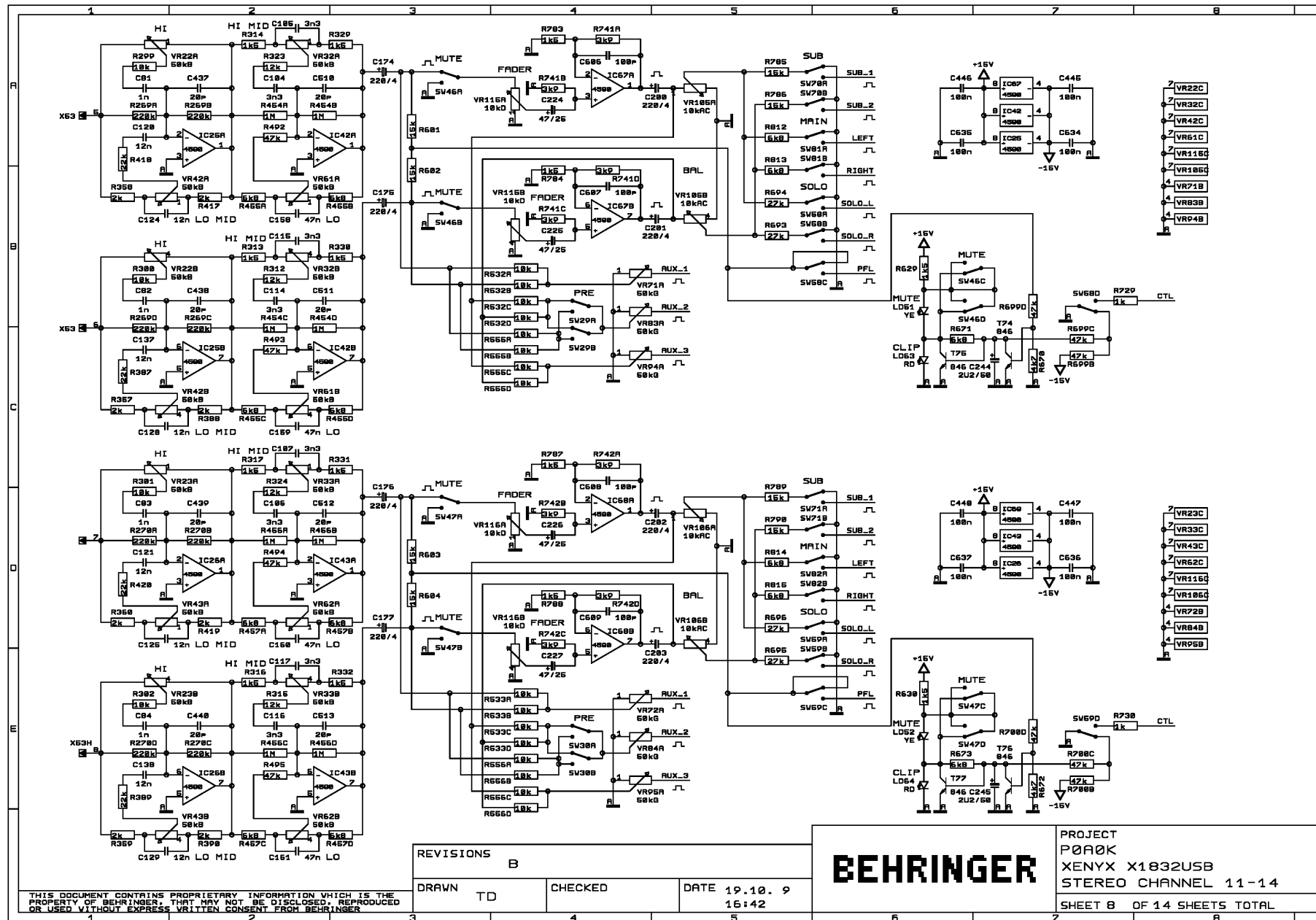


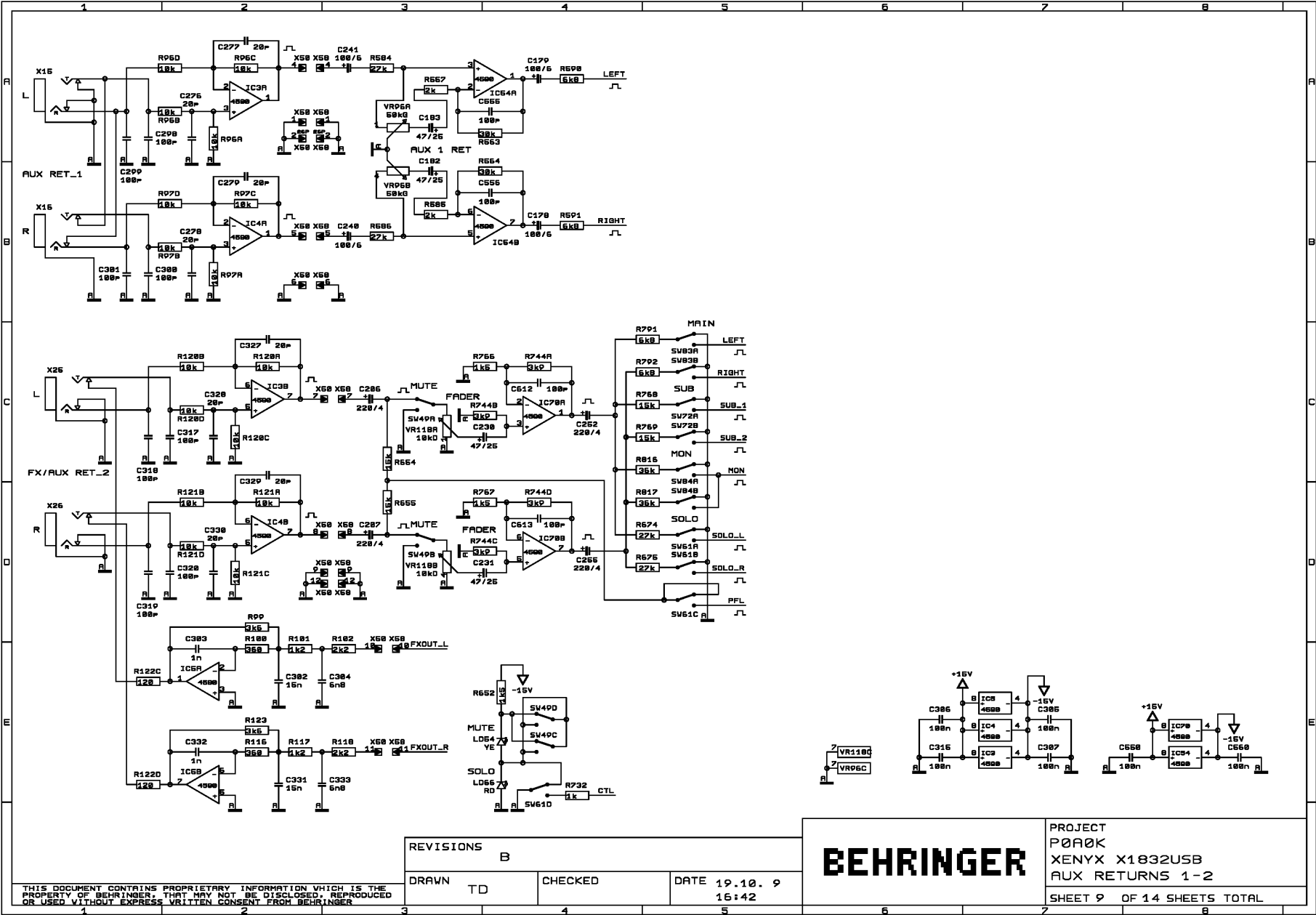


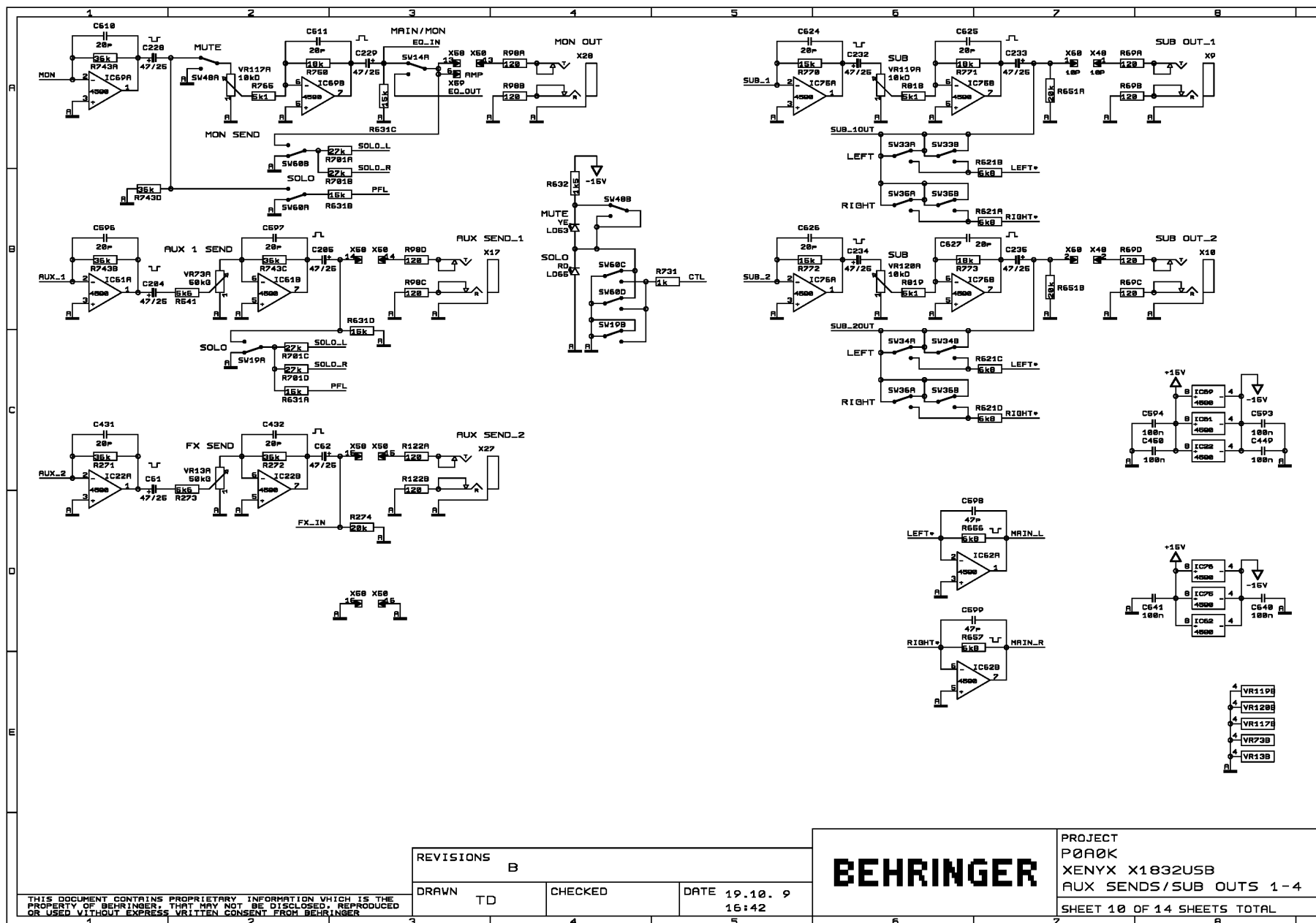


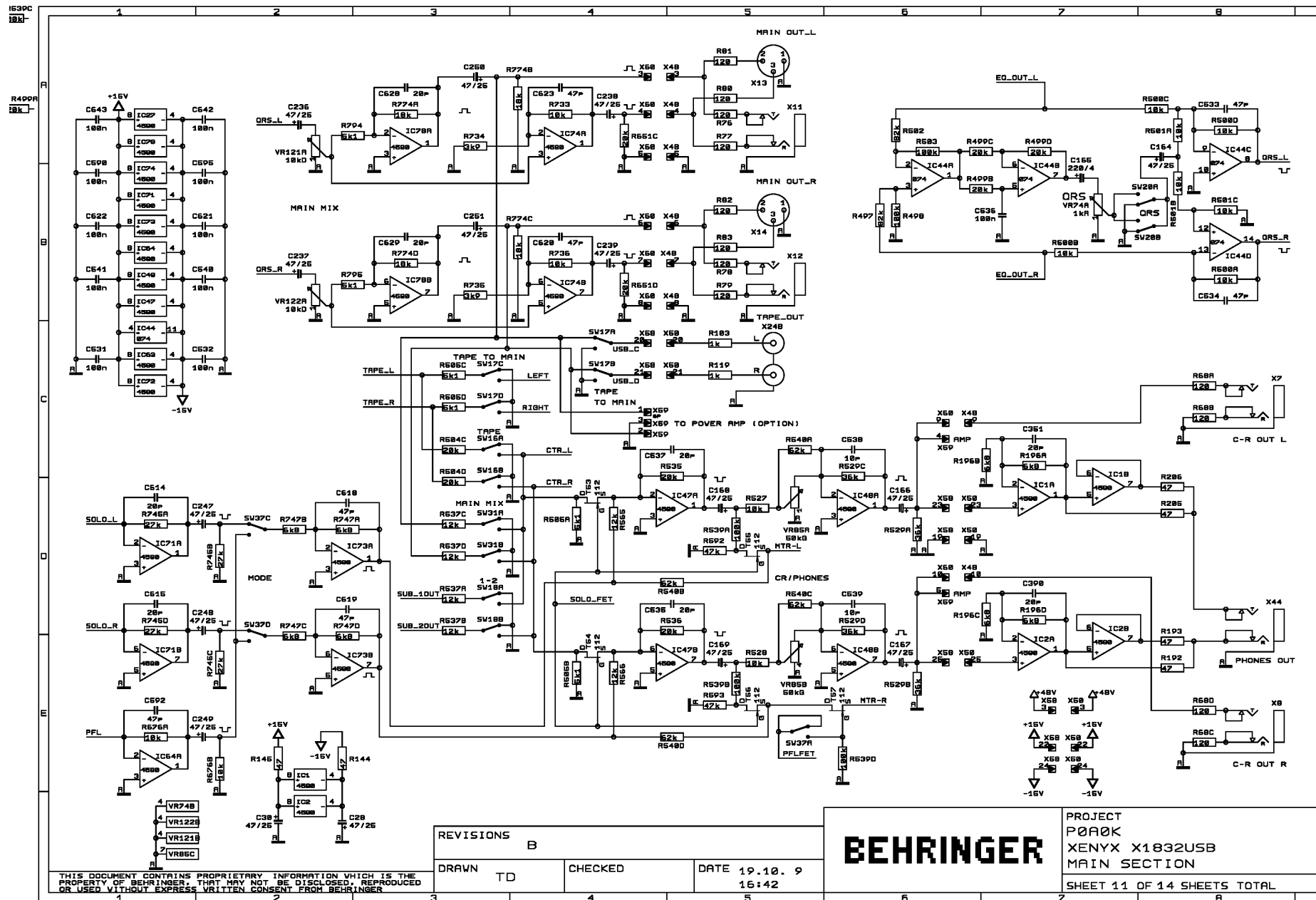




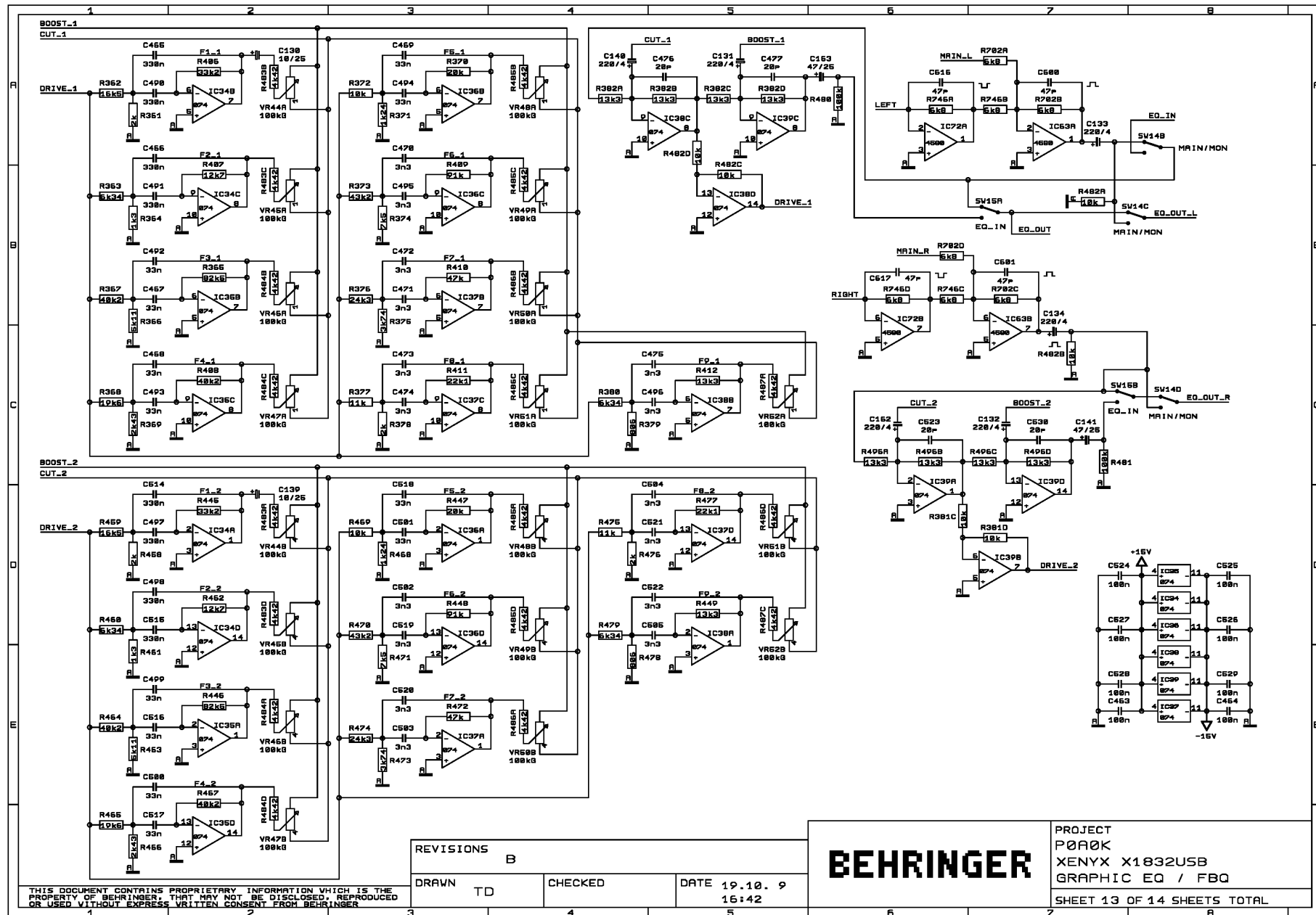




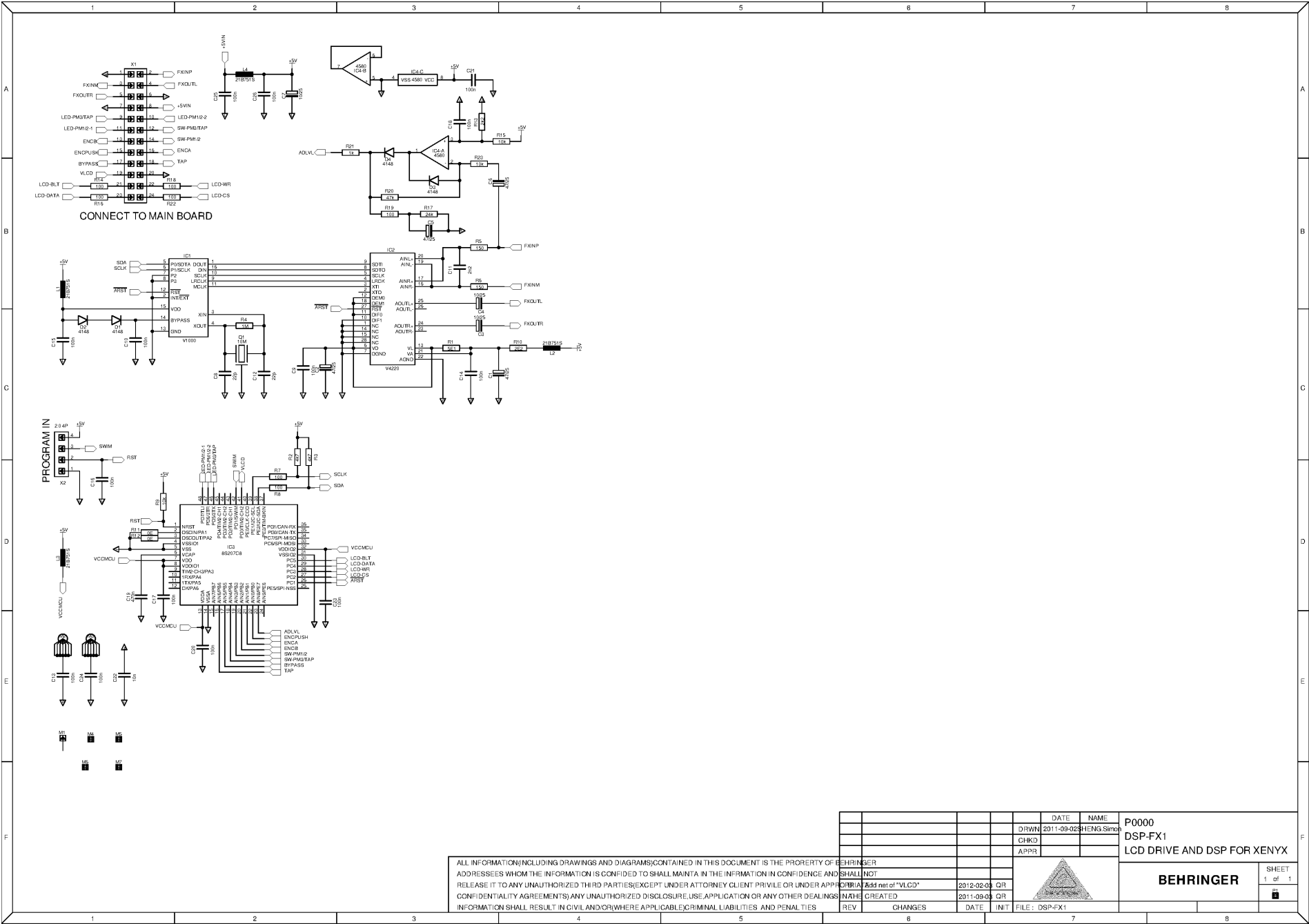






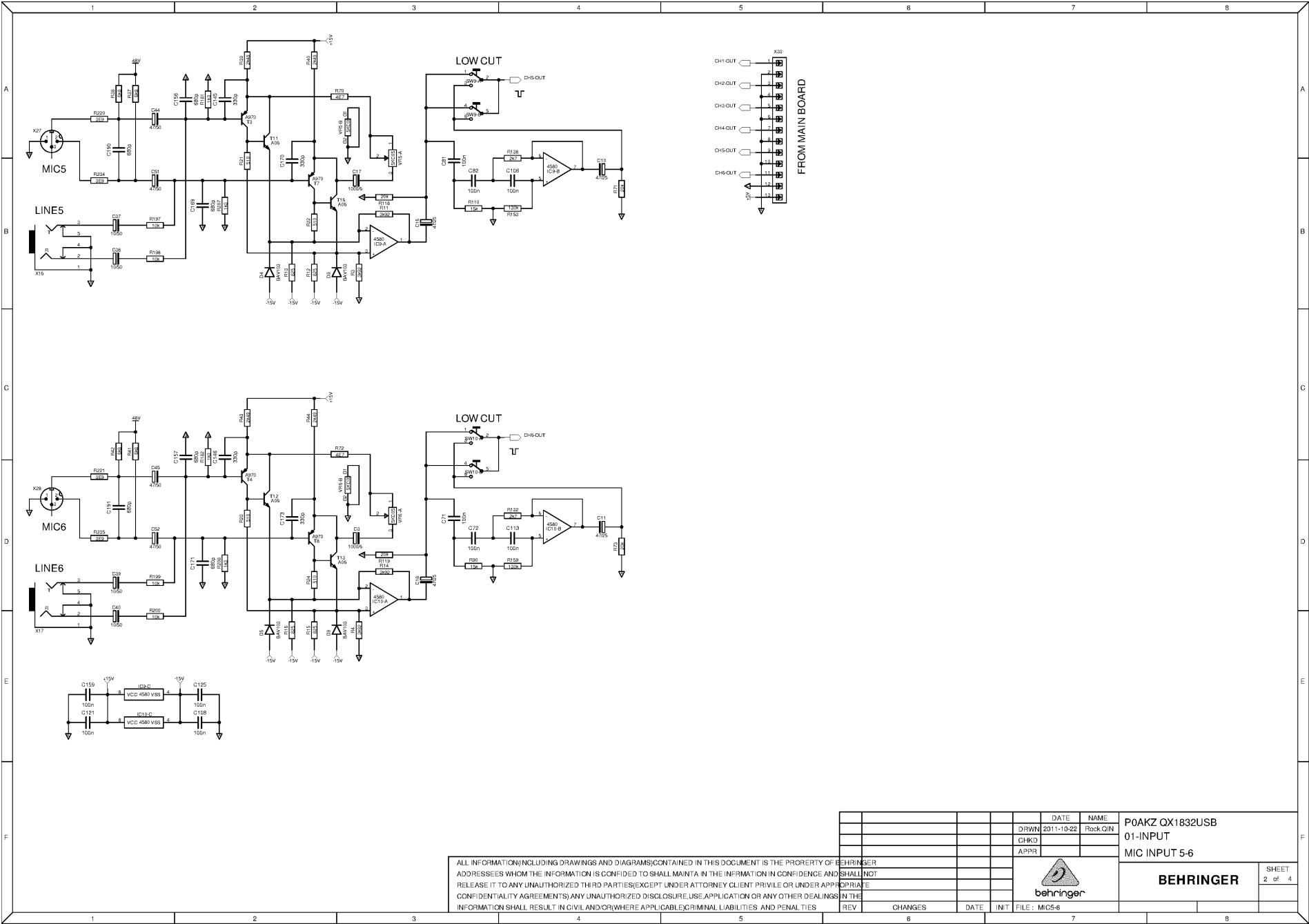


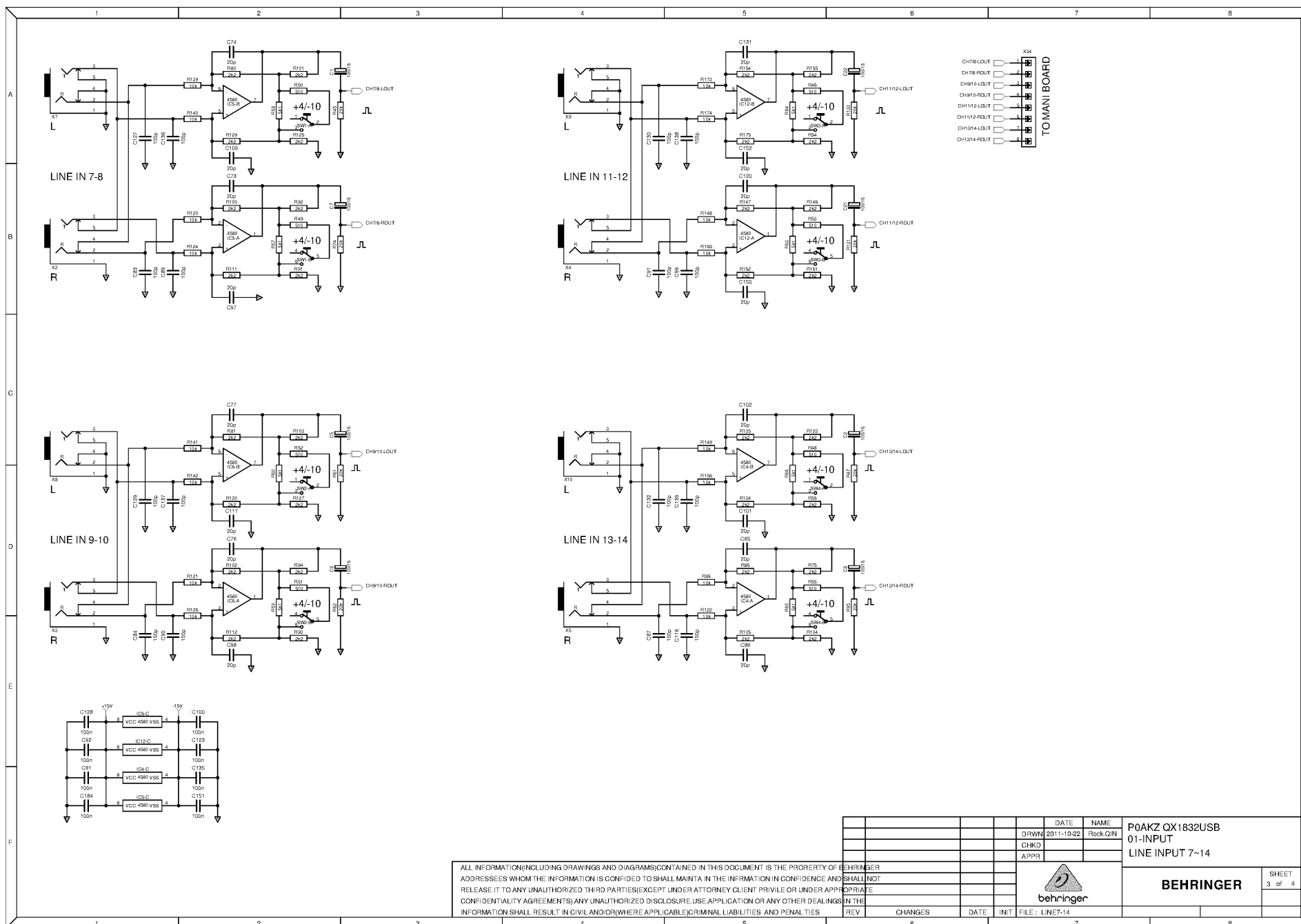


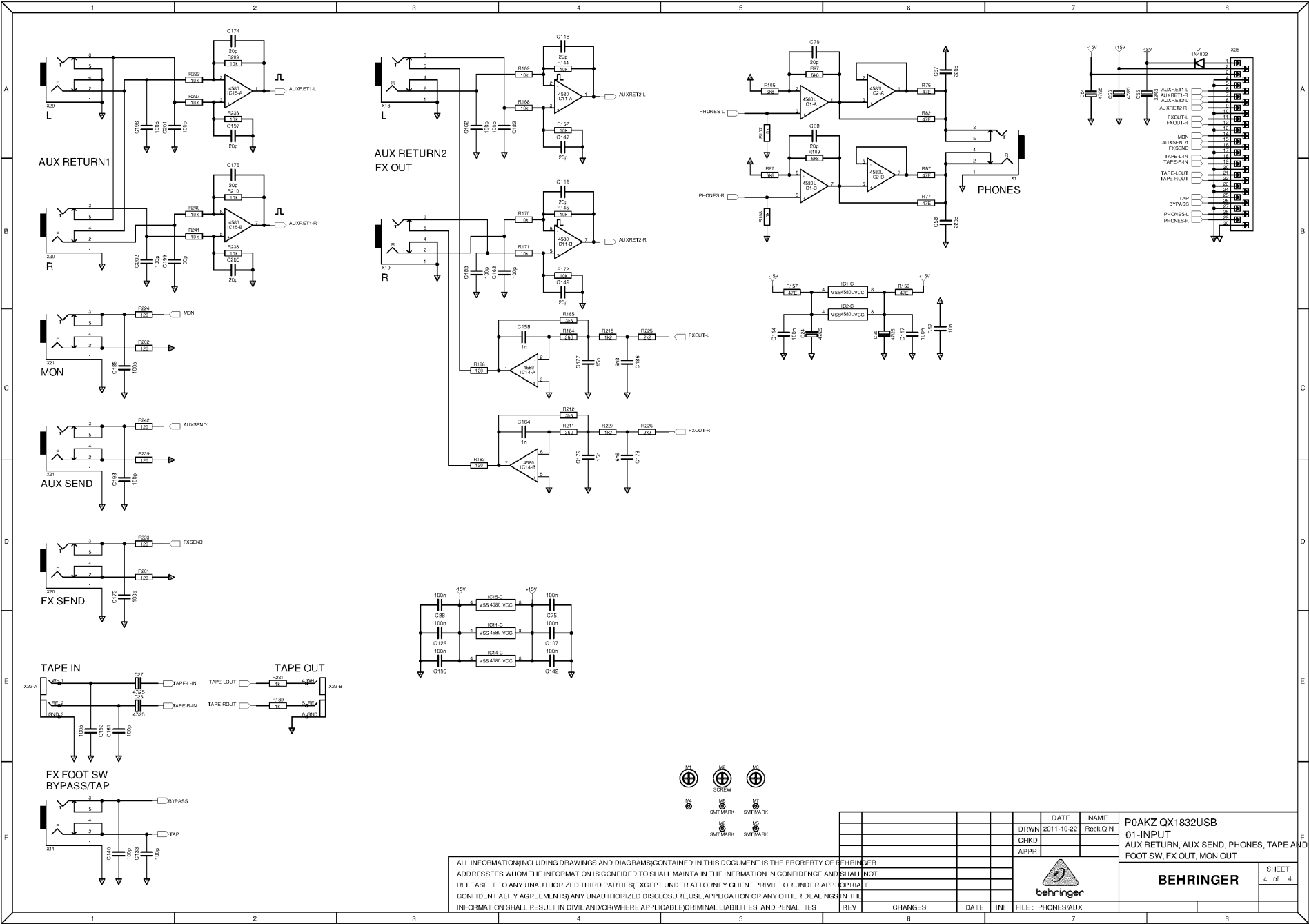




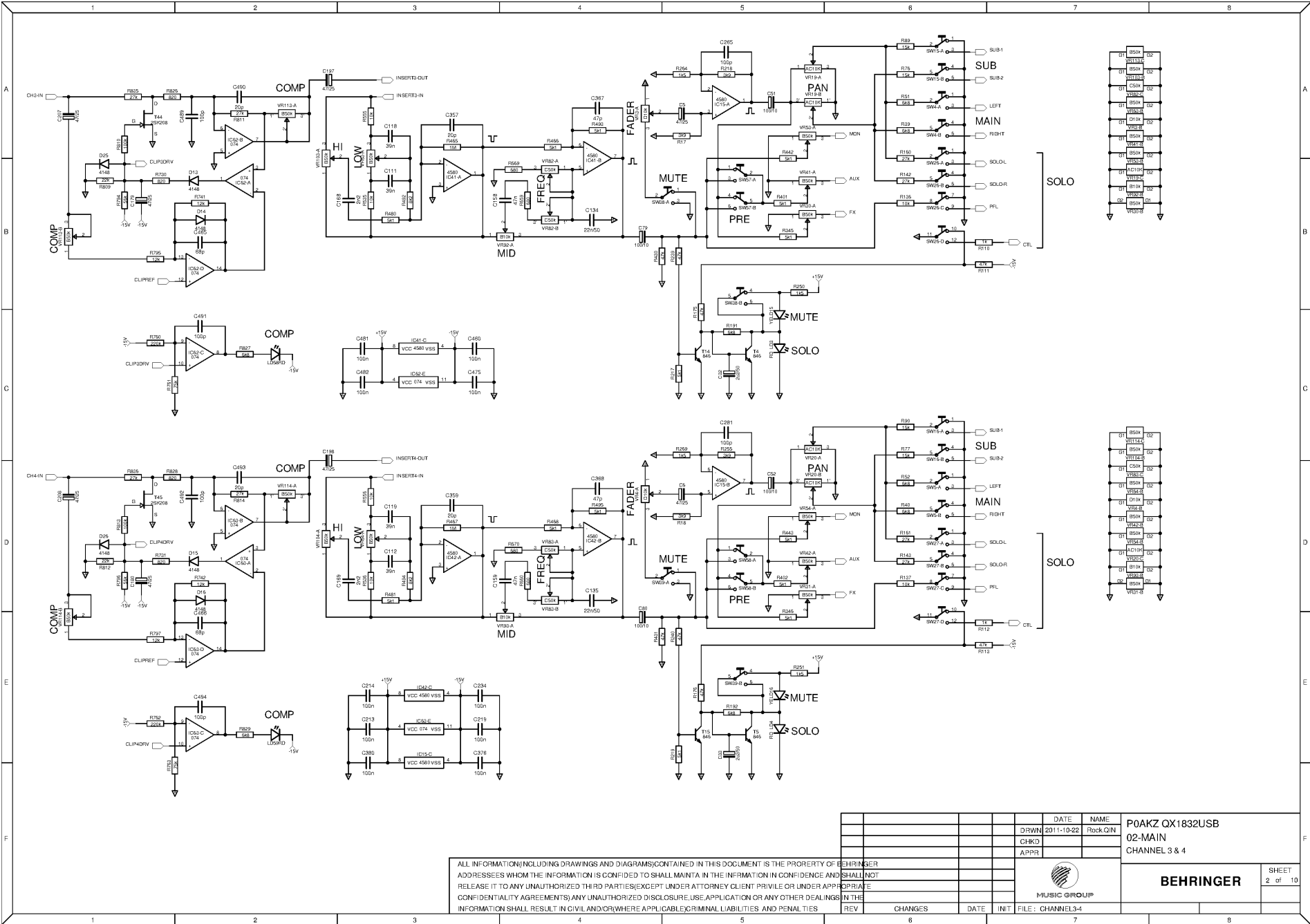






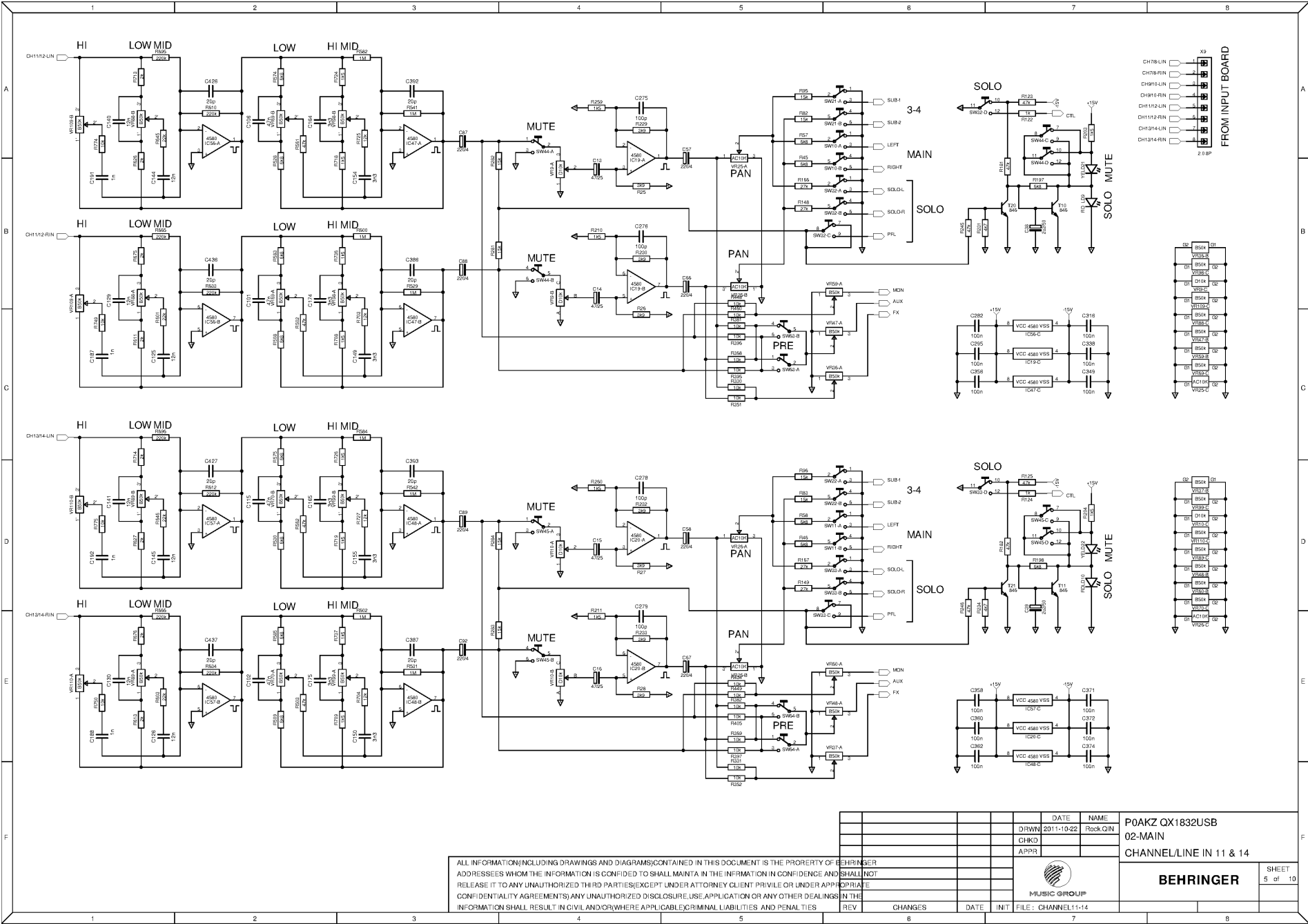






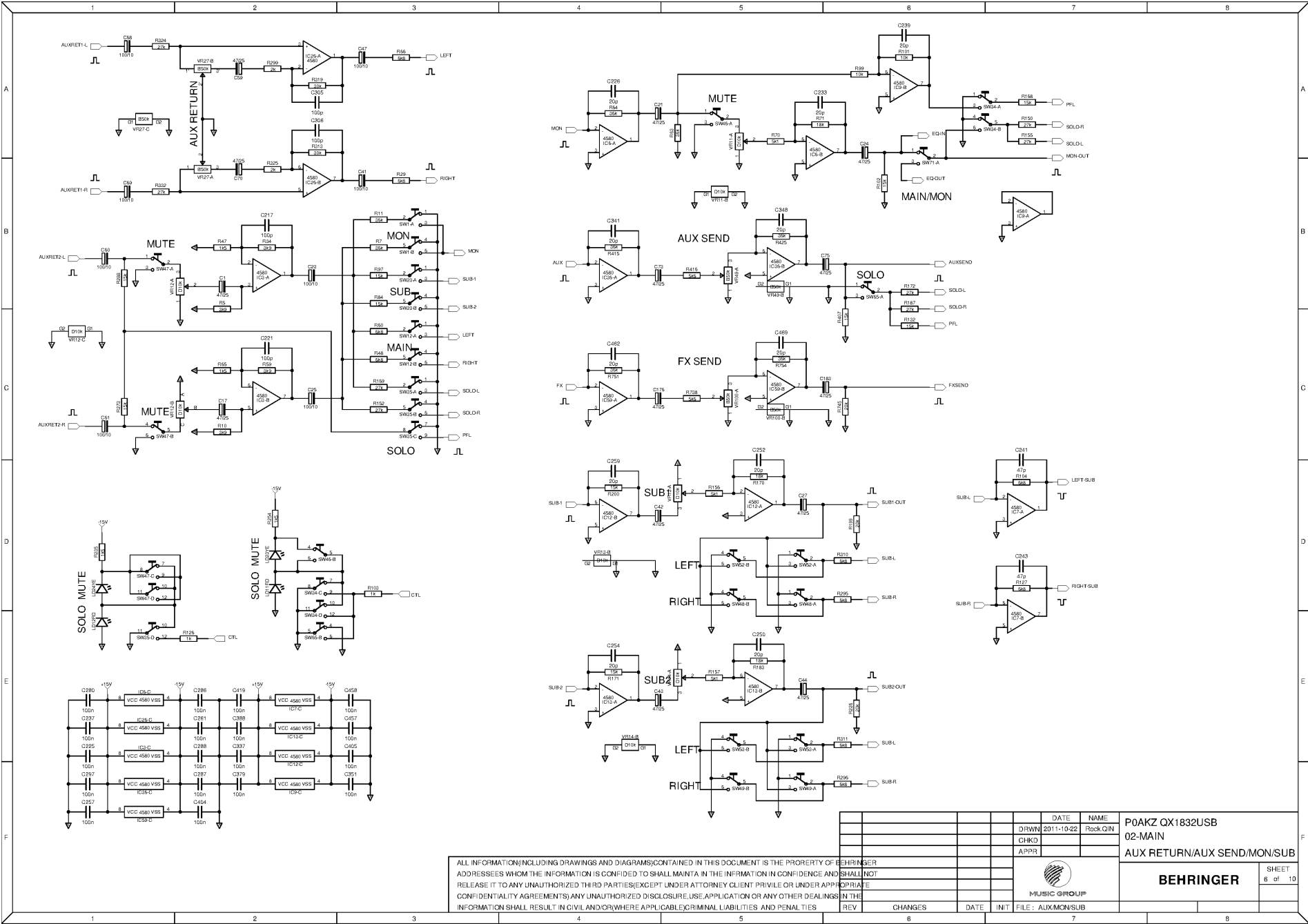




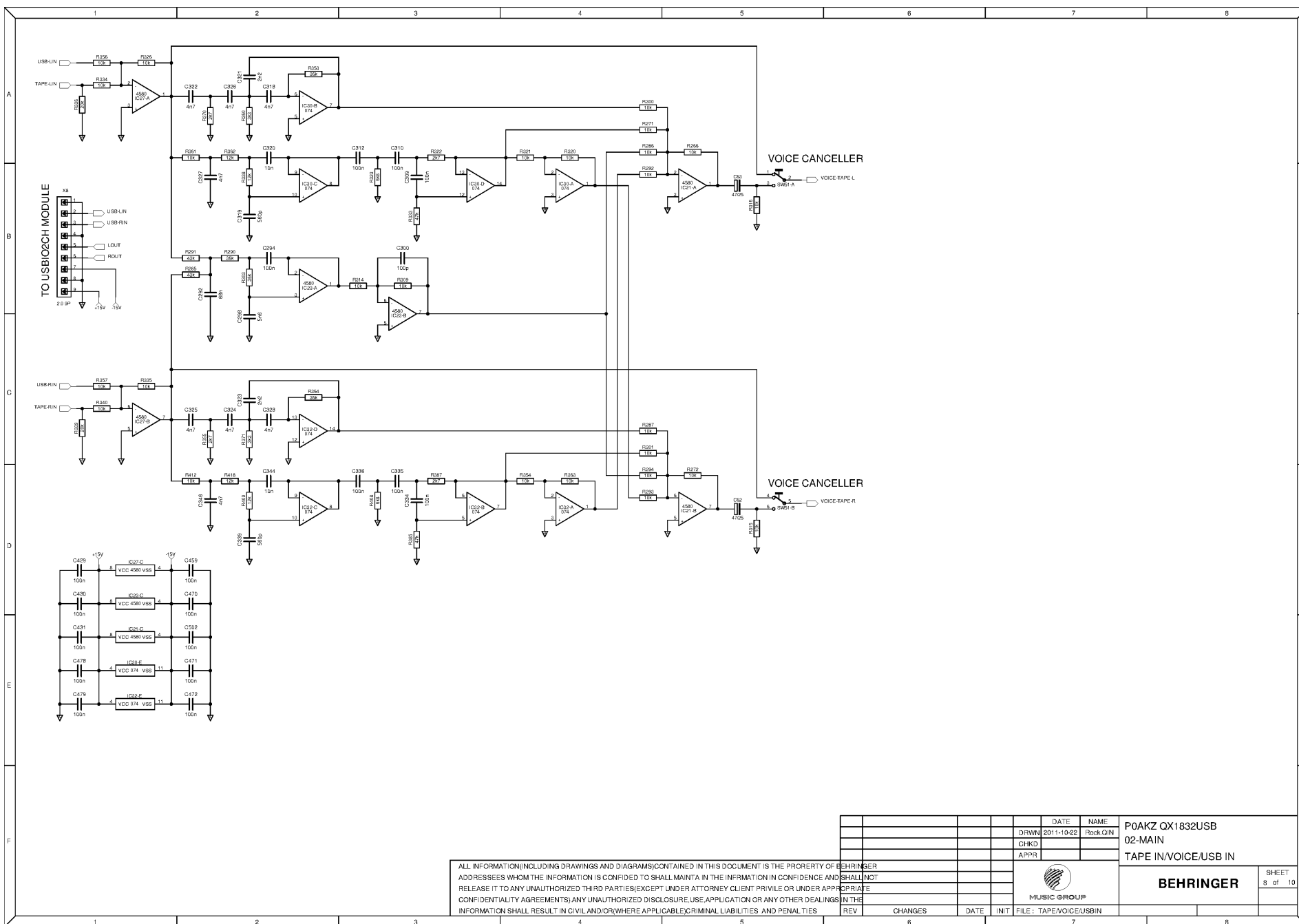


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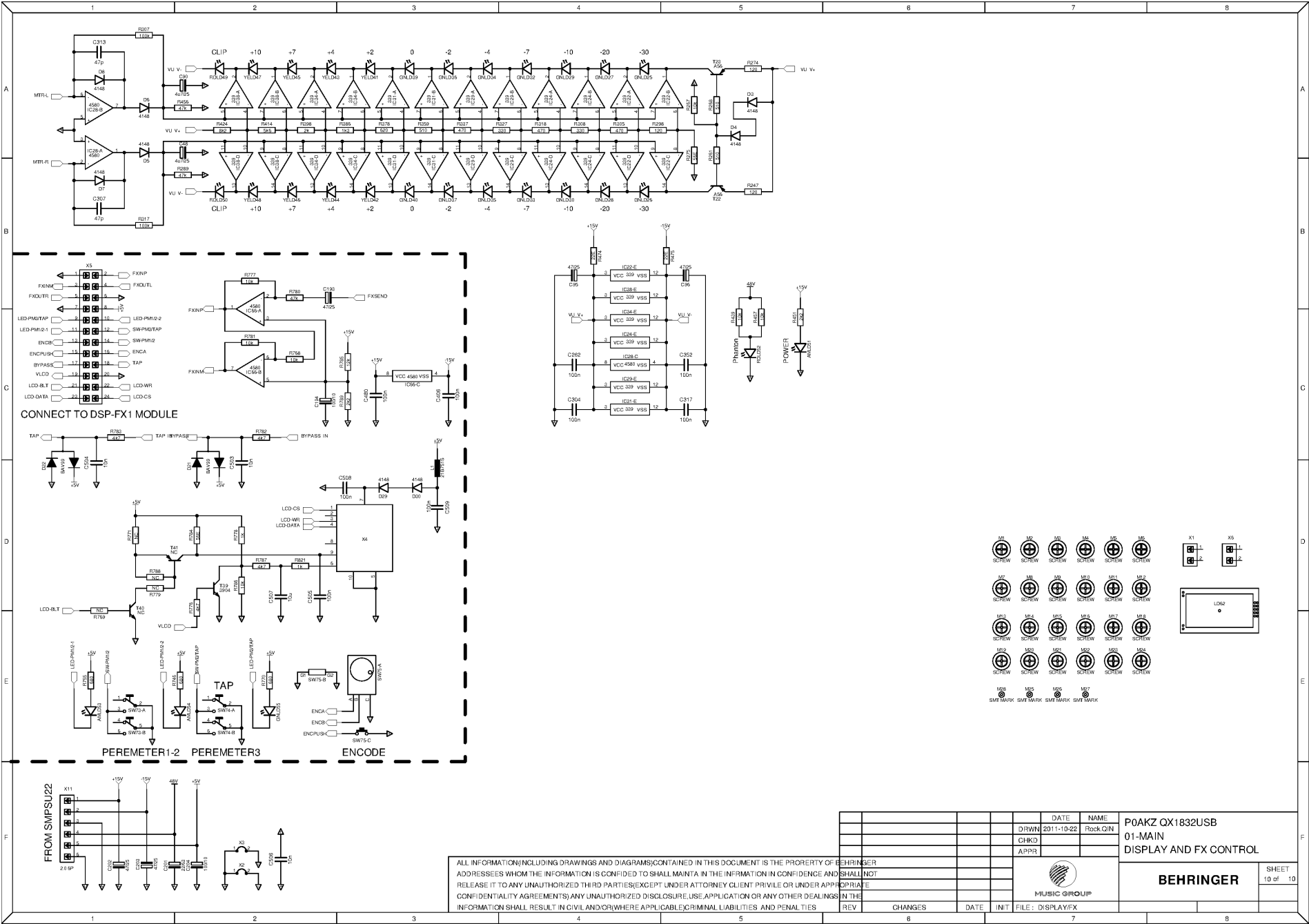
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Hi Pcb Assemblies

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		A05-00000-09291	PCB ASSEMBLY;SMPSU22;REV:A;HAND INSERT;NO:926020		
2	1.0000	PC		A05-00000-09527	PCB ASSEMBLY;USBIO2CH;REV:B;HAND INSERT;NO:923040		
3	1.0000	PC	Q05-00000-84104	A05-00000-84104	PCB ASSEMBLY;D;HI;MICPHONE		
4	1.0000	PC	Q05-00000-85102	A05-00000-85102	PCB ASSEMBLY;B;HI;DSP-FX1;		
5	1.0000	PC	Q05-A0J00-02100	A05-A0J00-02100	PCB ASSEMBLY;P0A0J;B;HI;USBIO2CH		
6	1.0000	PC		A05-A0K00-01100	PCB ASSEMBLY;P0A0K;A;HI;SMPSU22		
7	1.0000	PC	Q05-A0K03-09488	A05-A0K03-09488	PCB ASSEMBLY;P0A0K;PCB:03;REV:B;HAND INSERT;NO:928060		
8	1.0000	PC		A05-AKZ01-00102	PCB ASSEMBLY;P0AKZ;1;B;HI;INPUT		
9	1.0000	PC		A05-AKZ02-00102	PCB ASSEMBLY;P0AKZ;2;B;HI;MAIN		

Service Assemblies

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1			Q06-A0K00-00000	A09-A0K00-00000	SPARE PART;P0A0K;COMMON	[EXTRA SPARE]	
2				A09-A0H00-00000	SPARE PART;P0A0H;SMPSU22;REV A	[EXTRA SPARE]	
3				A06-A0K00-00000	PSU ASSEMBLY;P0A0K;COMMON;SMPSU22	[EXTRA SPARE]	

Cable

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	Q71-18004-06054	A71-18004-06054	CABLE;USB2.0;BLACK;UL2725;COLOR:BLACK;LENGTH:1800mm +/-40mm;DIA:4mm;CONNECTORS:USB/B TO USB/A;DOUBLE SHIELDING;MAGNET		
2	0.1160	M		A74-00000-00730	WIRE;RAW FLAT CABLE;UL2651;AWG:28;POLES:30;GRAY;PIN1:RED;PITCH:1mm27		
3	1.0000	PC		A74-00000-52770	CABLE;FLAT;AWG:28;UL2651;2.54 MM;30;PIN1 RED;100 MM;FC-30P;FD-30P	[POAKZ:01: {1.0}(X35)]	
4	1.0000	PC		A81-00000-10329	WIRE HARNESS;AWG:26;UL2547;2 MM;6;260 MM;PIN1 RED;A2006H,P1018,PIN6 SHIELD	[POAOK:00: {1.0}(X3)]	
5	1.0000	PC	Q81-00000-41164	A81-00000-41164	WIRE HARNESS;AWG:26;UL1007;2 MM;13;PIN1 RED;70 MM;PIN 1 RED	[POAKZ:01: {1.0}(X33)]	
6	1.0000	PC		A81-05030-86840	WIRE HARNESS;LENGTH:50mm;AWG:26;P:2mm;ZEE;HOUSING-BOARD IN CONNECTOR;POLES:8;PIN1 RED/OTHERS BLK	[POAKZ:01: {1.0}(X34)]	
7	0.0000	PC		A81-15030-96045	WIRE HARNESS;LENGTH:150mm;AWG:26;P:2mm;SHS;A2006H HOUSING-BOARD IN CONNECTOR;POLES:9;PIN1 RED/OTHERS BLK		
8	2.0000	PC		A81-15030-96845	WIRE HARNESS;LENGTH:150mm;ZEE;AWG:26;UL2468;P:2mm;SHS;A2006H HOUSING-BOARD IN CONNECTOR;POLES:9;PIN1 MARKING	[POAOK:03: {2.0}(X46-X47)]	
9	0.0000	PC		A81-21030-26020	WIRE HARNESS;LENGTH:210mm;AWG:26;P:2mm;HOUSING-STRIPPED/TINNED 5mm;POLES:2;PIN1 RED/OTHERS BLK		
10	1.0000	PC		A81-21030-26820	WIRE HARNESS;LENGTH:210mm;ZEE;AWG:26;P:2mm;HOUSING-STRIPPED/TINNED 5mm;POLES:2;PIN1 RED/OTHERS BLK		
11	0.0000	PC		A81-25530-96042	WIRE HARNESS;LENGTH:255mm;AWG:26;P:2mm;HOUSING-BOARD IN CONNECTOR;POLES:9;PIN1 RED/OTHERS BLK	[POA0J:00: {0.0}(X4)]	
12	1.0000	PC		A81-25530-96842	WIRE HARNESS;LENGTH:255mm;ZEE;AWG:26;UL2468;P:2mm;HOUSING-BOARD IN CONNECTOR;POLES:9;PIN1 RED/OTHERS BLK	[POA0J:00: {1.0}(X4)]	
13	0.0000	PC		A81-33031-06042	WIRE HARNESS;LENGTH:330mm;AWG:26;P:2mm;HOUSING - BOARD IN CONNECTOR;POLES:10;PIN1 RED/OTHERS BLK		
14	1.0000	PC		A81-33031-06840	WIRE HARNESS;LENGTH:330mm;ZEE;AWG:26;P:2mm;HOUSING - BOARD IN CONNECTOR;POLES:10;PIN1 RED/OTHERS BLK	[POAOK:03: {1.0}(X48)]	
15	1.0000	PC		A76-18050-06505	CABLE;AC-CORD;LENGTH:180cm;VERSION:SAA;PLUG:HE105 ISOLATED;SAA H05VV-F 3x0.75mm2;CONN.HP-3;PANYU		(SAA)
16	1.0000	PC	Q76-15032-55649	A76-15032-55649	CABLE;AC-CORD;CLASS II;W/POLYBAG;JAPAN;LENGTH:150cm;POLES:3;APPROVAL:PSE;JS155 3 + VCTF 3x0.75mm2 + V1528		(HM, SH)
17	1.0000	PC	Q76-15042-05624	A76-15042-05624	CABLE;AC-CORD;W/POLYBAG;LENGTH:150cm;H05VV-F3G0.75MM2;VERSION;UK;SPEC.NO:05624		(UK)
18	1.0000	PC	Q76-18050-47490	A76-18050-47490	CABLE;AC-CORD;LENGTH:180cm;VERSION:SAA;PLUG:HE105 ISOLATED;SAA H05VV-F 3x0.75mm2;CONN.HP-3;SPEC.NO:47490		(SAA)
19	1.0000	PC	Q76-15222-06417	A76-15222-06417	CABLE;AC-CORD;W/POLYBAG;LENGTH:152cm;AWG:18;VERSION;UL;SPEC.NO:06417		(UL)
20	1.0000	PC	Q76-00000-05305	A76-00000-05305	CABLE;AC-CORD;3;BR;1500 MM;Plug + Connector:375+730;H05VV-F 3G0.75		(BR)
21	1.0000	PC	Q76-15212-03119	A76-15212-03119	CABLE;AC-CORD;W/POLYBAG;LENGTH:152cm;H05VV-F 3G 0.75MM2;VERSION;EU;SPEC.NO:03119		(EU)
22	1.0000	PC	Q76-00000-13573	A76-00000-13573	CABLE;AC-CORD;3;AR;1500 MM;Plug + Connector:321+730;H05VV-F 3G0.75		(AR)

Capacitor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	23.0000	PC			CAP E;220uF;4V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {23.0}]{C55-C58,C64-C67,C83-C89,C91-C92,C97,C103,C108,C131,C146,C151}]	*NOT available in DP
2	22.0000	PC			CAP E;100uF;10V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {22.0}]{C23,C25,C41,C47,C49-C54,C60-C61,C68-C69,C77-C82,C194,C204}]	*NOT available in DP
3	1.0000	PC			CAP E;470uF;10V;PITCH:2mm5;6mm3 x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:01: {1.0}]{C4}]	*NOT available in DP
4	7.0000	PC			CAP E;10uF;16V;PITCH:2mm5;4mm x 7mm;VERTICAL 12.7-15-9mm	[USBIO2CH:00: {4.0}]{C23-C25,C28}]	*NOT available in DP
5	8.0000	PC			CAP E;100uF;16V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:01: {8.0}]{C1-C2,C5,C7-C9,C21-C22}]	*NOT available in DP
6	5.0000	PC			CAP E;10uF;25V;PITCH:2mm5;4mm x 7mm;VERTICAL 12.7-15-9mm	[B:00: {3.0}]{C3-C4,C7}]	*NOT available in DP
7	1.0000	PC			CAP E;10uF;25V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[SMPSU22:00: {1.0}]{C2}]	*NOT available in DP
8	4.0000	PC			CAP E;47uF;25V;PITCH:2mm5;5mm x 7mm;VERTICAL 12.7-15-9mm	[B:00: {4.0}]{C1-C2,C5-C6}]	*NOT available in DP
9	88.0000	PC			CAP E;47uF;25V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0794:00: {1.0}]{C10}]	*NOT available in DP
10	2.0000	PC			CAP E;100uF;25V;PITCH:2mm5;6mm x 12mm;VERTICAL 12.7-15-9mm	[P0794:00: {2.0}]{C4-C5}]	*NOT available in DP
11	1.0000	PC			CAP E;470uF;25V;PITCH:5mm;10mm x 12mm;HIGH:12mm+0/-0mm5;VERTICAL 12.7-15-9mm	[P0AKZ:02: {1.0}]{C184}]	*NOT available in DP
12	1.0000	PC			CAP E;1uF;50V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0794:00: {1.0}]{C13}]	*NOT available in DP
13	11.0000	PC			CAP E;2uF2;50V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {11.0}]{C22,C30-C39}]	*NOT available in DP
14	3.0000	PC			CAP E;4uF7;50V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {3.0}]{C48,C90,C166}]	*NOT available in DP
15	18.0000	PC			CAP E;10uF;50V;PITCH:2mm5;5mm x 11mm;VERTICAL 12.7-15-9mm	[D:00: {6.0}]{C14-C19}]	*NOT available in DP
16	2.0000	PC			CAP E;22uF;63V;20%;PITCH:2mm5;6mm3 x 12mm;VERTICAL 12.7-15-9mm	[P0AKZ:01: {1.0}]{C55}]	*NOT available in DP
17	2.0000	PC			CAP E;47uF;63V;PITCH:2mm5;6mm x 11mm;VERTICAL 12.7-15-9mm	[P0794:00: {2.0}]{C18-C19}]	*NOT available in DP
18	6.0000	PC			CAP E;1 mF;63V;PITCH:5 MM;SIZE:8X11;Al;TAPE:12.7-15-9MM;85C	[P0AKZ:01: {6.0}]{C3,C6,C13,C17,C30,C46}]	*NOT available in DP
19	1.0000	PC			CAP E;330uF;100V;PITCH:5mm;PRECUT:3mm2 -0/+0mm2;13 x 25mm	[SMPSU22:00: {1.0}]{C20}]	*NOT available in DP
20	1.0000	PC			CAP CER;10 uF;6.3 V;X5R;10 %;SMD805;YAGEO (CC85KRX5R6BB106)	[P0AKZ:02: {1.0}]{C507}]	*NOT available in DP
21	1.0000	PC			CAP CER;100pF;25V;COG;10%;SMT805	[SMPSU22:00: {1.0}]{C32}]	*NOT available in DP
22	9.0000	PC			CAP CER;10pF;50V;10%;SMT603	[D:00: {2.0}]{C5-C6}]	*NOT available in DP
23	75.0000	PC			CAP CER;20pF;50V;20%;SMT603	[P0AKZ:01: {26.0}]{C65,C68,C73-C74,C76-C77,C79,C86,C97-C98,C101-C102,C109,C111,C118-C120,C131,C147,C149-C150,C152,C174-C175,C197,C200}]	*NOT available in DP
24	2.0000	PC			CAP CER;22pF;50V;10%;SMT603	[B:00: {2.0}]{C8,C12}]	*NOT available in DP
25	2.0000	PC			CAP CER;33pF;50V;5%;COG(NPO);SMT603	[USBIO2CH:00: {2.0}]{C15-C16}]	*NOT available in DP
26	21.0000	PC			CAP CER;47pF;50V;5%;COG(NPO);SMT603	[P0AKZ:02: {21.0}]{C211,C218,C222,C224,C229,C231,C238,C241,C243,C248,C256,C296,C299,C307,C313,C365-C370}]	*NOT available in DP
27	6.0000	PC			CAP CER;68pF;50V;20%;SMT603	[P0AKZ:02: {6.0}]{C463-C468}]	*NOT available in DP
28	80.0000	PC			CAP CER;100pF;50V;20%;SMT603	[USBIO2CH:00: {6.0}]{C17-C22}]	*NOT available in DP
29	4.0000	PC			CAP CER;220pF;50V;10%;SMT603	[P0AKZ:01: {4.0}]{C58,C67,C103,C115}]	*NOT available in DP
30	12.0000	PC			CAP CER;330pF;50V;20%;SMT603	[D:00: {4.0}]{C8-C11}]	*NOT available in DP
31	2.0000	PC			CAP CER;560pF;50V;10%;SMT603	[P0AKZ:02: {2.0}]{C319,C339}]	*NOT available in DP
32	18.0000	PC			CAP CER;680pF;50V;10%;SMT603	[P0AKZ:01: {18.0}]{C154-C157,C160,C165,C167,C169,C171,C180-C181,C187-C191,C193-C194}]	*NOT available in DP
33	4.0000	PC			CAP CER;1nF;50V;10%;SMT603	[D:00: {2.0}]{C3-C4}]	*NOT available in DP
34	3.0000	PC			CAP CER;2nF2;50V;10%;SMT603	[B:00: {1.0}]{C11}]	*NOT available in DP
35	8.0000	PC			CAP CER;4nF7;50V;10%;SMT603	[P0AKZ:02: {8.0}]{C318,C322,C324-C328,C346}]	*NOT available in DP
36	1.0000	PC			CAP CER;5nF6;50V;10%;SMT603	[P0AKZ:02: {1.0}]{C298}]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
37	2.0000	PC			CAP CER;6nF;50V;10%;SMT603	[P0AKZ:01: {2.0}(C178,C186)]	*NOT available in DP
38	8.0000	PC			CAP CER;10nF;50V;10%;SMT603	[D:00: {1.0}(C7)]	*NOT available in DP
39	2.0000	PC			CAP CER;15nF;50V;10%;SMT603	[P0AKZ:01: {2.0}(C177,C179)]	*NOT available in DP
40	1.0000	PC			CAP CER;68nF;50V;5%;SMT603;X7R	[P0AKZ:02: {1.0}(C292)]	*NOT available in DP
41	176.0000	PC			CAP CER;100nF;50V;10%;SMT603	[D:00: {1.0}(C2)]	*NOT available in DP
42	16.0000	PC			CAP CER;3nF;50V;10%;SMT805	[P0AKZ:02: {16.0}(C377,C382,C399-C401,C412-C414,C423,C428,C443-C445,C451-C453)]	*NOT available in DP
43	2.0000	PC			CAP CER;10nF;50V;10%;SMT805	[D:00: {1.0}(C1)]	*NOT available in DP
44	12.0000	PC			CAP CER;33nF;50V;10%;SMT805	[P0AKZ:02: {12.0}(C396-C398,C409-C411,C440-C442,C448-C450)]	*NOT available in DP
45	41.0000	PC			CAP CER;100nF;50V;X7R;10%;SMT805	[SMPSU22:00: {9.0}(C23-C31)]	*NOT available in DP
46	8.0000	PC			CAP CER;330nF;50V;10%;SMT805	[P0AKZ:02: {8.0}(C394-C395,C407-C408,C438-C439,C446-C447)]	*NOT available in DP
47	1.0000	PC			CAP CER;470nF;50V;10%;SMT805	[B:00: {1.0}(C19)]	*NOT available in DP
48	2.0000	PC			CAP CER;1uF;50V;X7R;10%;SMD805	[P0AKZ:01: {2.0}(C141,C153)]	*NOT available in DP
49	12.0000	PC			CAP MYL;39nF;50V;10%;PITCH:5mm;DIPPED;VERTICAL 12.7-15-9mm	[P0AKZ:02: {12.0}(C109-C114,C116-C121)]	*NOT available in DP
50	16.0000	PC			CAP MYL;12nF;100V;5%;PITCH:5mm;DIPPED;VERTICAL 12.7-15-9mm	[P0AKZ:02: {16.0}(C123-C130,C138-C145)]	*NOT available in DP
51	6.0000	PC			CAP MYL;22nF;50V;10%;PITCH:5mm;DIPPED;VERTICAL 12.7-15-9mm	[P0AKZ:02: {6.0}(C132-C137)]	*NOT available in DP
52	14.0000	PC			CAP MYL;47nF;50V;10%;PITCH:5mm;DIPPED;VERTICAL 12.7-15-9mm	[P0AKZ:02: {14.0}(C99-C102,C104-C106,C115,C156-C161)]	*NOT available in DP
53	16.0000	PC			CAP MYL;3.3 nF;100 V;10 %;PITCH:5 mm;PCB AUTO INSERT;SIZE:6mm x 4mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {16.0}(C147-C150,C152-C155,C162-C165,C172-C175)]	*NOT available in DP
54	8.0000	PC			CAP MYL;1 nF;100 V;5 %;PITCH:5 mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {8.0}(C185-C192)]	*NOT available in DP
55	6.0000	PC			CAP MYL;2.2 nF;100 V;5 %;PITCH:5 mm;VERTICAL 12.7-15-9mm	[P0AKZ:02: {6.0}(C98,C167-C171)]	*NOT available in DP
56	3.0000	PC			CAP Y2;4nF;275V;PITCH:7mm5;Y2	[SMPSU22:00: {3.0}(C3,C21-C22)]	*NOT available in DP
57	1.0000	PC			CAP E;150uF;400V;PITCH:10mm;25mmx30mm;SNAP-IN;PRECUT:3mm2 -0/+0mm2	[SMPSU22:00: {1.0}(C7)]	*NOT available in DP
58	2.0000	PC	R12-32100-04351	B12-32100-04351	CAP X2;100nF;275V;PITCH:15mm;CASE:8mm5 x 18mm;CASE:8mm5 x 18mm;PRECUT:3.1mm+/-0mm5	[SMPSU22:00: {2.0}(C8,C14)]	
59	1.0000	PC			CAP E;470uF;16V;PITCH:3mm5;8mm x 14mm;PRECUT:3mm2 -0/+0mm2;LOW ESR	[SMPSU22:00: {1.0}(C9)]	*NOT available in DP
60	2.0000	PC			CAP E;1mF;25V;PITCH:5mm;10mm x 20mm;PRECUT:3mm2 -0/+0mm2;LOW ESR	[SMPSU22:00: {2.0}(C12,C16)]	*NOT available in DP
61	1.0000	PC			CAP CER;100pF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[P0794:00: {1.0}(C17)]	*NOT available in DP
62	2.0000	PC			CAP CER;1nF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[P0794:00: {2.0}(C11,C15)]	*NOT available in DP
63	1.0000	PC			CAP CER;10nF;1KV;20%;PITCH:10mm;DISC;PRECUT:3mm1 +/-0mm5	[SMPSU22:00: {1.0}(C1)]	*NOT available in DP
64	1.0000	PC			CAP E;470uF;25V;PITCH:3mm5;8mm x 14mm;PRECUT:3mm2 -0/+0mm2;105C	[SMPSU22:00: {1.0}(C6)]	*NOT available in DP
65	12.0000	PC			CAP E;47uF;50V;PITCH:2mm5;6mm x 11mm;LOW LEAKAGE;VERTICAL 12.7-15-9mm	[P0AKZ:01: {12.0}(C41-C45,C47-C53)]	*NOT available in DP

Circuit Protector

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	R22-01513-16001	B22-01513-16001	FUSE;1A6;250V;SLOW BLOW;H-TYPE;5mm x 20mm		

Coil

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		B34-00000-43407	COIL;LINE FILTER;25 mH;20 MM;UT20 L:25mH MIN@1KHZ,0.25V	[SMPSU22:00: {1.0}(L1)]	
2	1.0000	PC	R37-21200-00019	B37-21200-00019	COIL;CHOKE SMD;SMD 3.2x1.6x1.15;COMMON-MODE;(MURATA DLP31SN121ML2L)	[USBIO2CH:00: {1.0}(L1)]	
3	6.0000	PC	R39-00000-03394	B39-00000-03394	COIL;SMD;BEAD;SMD0805;(BLM21BD751SN1D)	[B:00: {4.0}(L1-L4)]	
4	4.0000	PC	R39-21202-00018	B39-21202-00018	COIL;SMD BEAD;SMD1608;(MURATA BLM18BB121))	[USBIO2CH:00: {4.0}(L2-L5)]	
5	2.0000	PC	R39-21202-00651	B39-21202-00651	COIL;SMD BEAD;SMD603;(MURATA BLM18AG601SN1))	[POAKZ:01: {2.0}(L1-L2)]	

Connector

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	R83-00000-35510	B83-00000-35510	CONNECTOR;9;NICKEL;SOCKET;USB3.0;VERTICAL;H:24mm	[POAKZ:01: {1.0}(X6)]	
2	1.0000	PC	R83-20184-37925	B83-20184-37925	CONNECTOR;FEMALE;ANGLED;USB;SINGLE;TYPE:B	[USBIO2CH:00: {1.0}(X3)]	
3	66.0000	PC	R84-25016-06014	B84-25016-06014	CRIMP TERMINAL;PITCH:2mm0;AWG24-30;A2008TOP-2		
4	1.0000	PC	R84-42050-00155	B84-42050-00155	CRIMP CONNECTOR;LUG;INNER DIA:4mm3;AWG 14-18;WIRE MOUNT;STRAIGHT		
5	2.0000	PC	R95-01320-03303	B95-01320-03303	CONNECTOR;XLR;SOCKET;MALE;STRAIGHT;POLES:3	[POA0K:03: {2.0}(X13-X14)]	
6	6.0000	PC	R95-14340-00164	B95-14340-00164	CONNECTOR;XLR;SOCKET;FEMALE;STRAIGHT;POLES:3;NO:06;(CHUN SHENG CT3-02HF)	[POAKZ:01: {6.0}(X23-X28)]	

Diode

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			DIODE;1N4007;DO41	[POAKZ:01: {1.0}(D1)]	*NOT available in DP
2	1.0000	PC			DIODE;HER104;DO41;RADIAL	[SMPSU22:00: {1.0}(D7)]	*NOT available in DP
3	1.0000	PC			DIODE;HER107;DO41;RADIAL	[SMPSU22:00: {1.0}(D3)]	*NOT available in DP
4	1.0000	PC			DIODE;HER207;DO15;RADIAL	[SMPSU22:00: {1.0}(D9)]	*NOT available in DP
5	4.0000	PC			DIODE;HER303;DO27;RADIAL	[SMPSU22:00: {4.0}(D4-D6,D8)]	*NOT available in DP
6	12.0000	PC			DIODE;BAV103;SOD80;TEMIC	[D:00: {4.0}(D2-D5)]	*NOT available in DP
7	2.0000	PC			DIODE;BAV99;SOT23;SMD	[POAKZ:02: {2.0}(D21-D22)]	*NOT available in DP
8	32.0000	PC			DIODE;LL4148;LL34;TEMIC OR FC;SMD	[B:00: {4.0}(D1-D4)]	*NOT available in DP
9	1.0000	PC			DIODE;P6KE;200A;DO15	[P0794:00: {1.0}(D2)]	*NOT available in DP
10	1.0000	PC			DIODE;ZPD47V0;DO35;TEMIC OR FC	[SMPSU22:00: {1.0}(D10)]	*NOT available in DP
11	1.0000	PC			DIODE;ZMM05V1;SMD1206	[D:00: {1.0}(D1)]	*NOT available in DP
12	1.0000	PC	X80-24270-20600	H80-24270-20600	RECTIFIER;BRIDGE;KBP206G	[SMPSU22:00: {1.0}(D1)]	

Display

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	S25-00000-43198	C25-00000-43198	DISPLAY;LCD Moudle;AMBER;V1000Pro;BTCM11093DW01LA01 RA		

Hardware

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.1000	G			THERM-GREASE;COLOR:WHT;SPEC.NO:09286		*NOT available in DP
2	3.3160	G			SCREWLOCK;SPEC.NO:01090		*NOT available in DP
3	1.0000	PC			HEX. NUT;INNER DIA;M4mm;SURFACE:ZINC		*NOT available in DP
4	35.0000	PC			HEX. NUT;FOR JACK;M 3/8in;HEXWRENCH:11mm;THICKNESS:2mm;SURFACE:NICKEL/SLV		*NOT available in DP
5	12.0000	PC			SCREW;M;4 MM;6 MM;BINDING;ZINC;BLACK;CROSS REC.		*NOT available in DP
6	6.0000	PC			SCREW;M3mm*5mm;HEAD:PAN;INSERT:PHILIPS REC.;SURFACE:SILVER ZINC		*NOT available in DP
7	8.0000	PC			SCREW;M3mm*5mm;HEAD:PAN;INSERT:PHILIPS REC.;SURFACE:BLACK/ZINC		*NOT available in DP
8	29.0000	PC			SCREW;M3mm*6mm;HEAD:PAN;INSERT:PHILLIPS REC.;SURFACE:BLACK/ZINC		*NOT available in DP
9	28.0000	PC			SCREW;M3mm*6mm;HEAD:TRUSS DIA 5mm2;INSERT:PHILIPS REC.;SURFACE:BLACK/ZINC		*NOT available in DP
10	17.0000	PC			SCREW;BT3mm*8mm;HEAD:PAN;INSERT:PHILLIPS REC.;SURFACE:BLACK/ZINC		*NOT available in DP
11	3.0000	PC			SCREW;M03mm*08mm;HEAD:PAN SPRING WASHER;INSERT:PHILIPS REC.;SURFACE:SILVER/ZINC		*NOT available in DP
12	1.0000	PC			SCREW;M4mm*10mm;HEAD:BINDING;INSERT:PHILIPS REC.;SURFACE:SILVER/ZINC		*NOT available in DP
13	2.0000	PC		F89-07018-00111	INSULATION SHEET;SI-RUBBER;TO220 W/HOLE;11mm*18mm		
14	1.0000	PC	V89-07022-00121	F89-07022-00121	INSULATION SHEET;SI-RUBBER;TO220;COVER		
15	1.0000	PC			METAL;SHIELD;UB-MIXER TRANSFORMER;DST.NO:002;DPT.NO:06841;(UB-MIXER-TRAFO_SHIELDING-REVB.DWG)		*NOT available in DP
16	1.0000	PC			SILICA GEL;MASS;20g;SPEC.NO:20QB-BB2001-4		*NOT available in DP
17	1.0000	PC			STUD;THREAD-DIA;3mm;LENGTH:11mm;EXT/INT		*NOT available in DP
18	2.0000	PC			STUD;THREAD-DIA;3mm;LENGTH:11mm;INT/INT		*NOT available in DP
19	22.0000	PC			STUD;THREAD-DIA;3mm;LENGTH:13mm8;INT/INT		*NOT available in DP
20	3.0000	PC			STUD;THREAD-DIA;3mm;LENGTH:24mm3;INT/INT		*NOT available in DP
21	0.0500	M			SHRINKING TUBE;INNER DIA;1mm;SPEC.NO:43217		*NOT available in DP
22	0.0600	M			SHRINKING TUBE;INNER DIA;3mm;SPEC.NO:01097		*NOT available in DP
23	0.1840	M			SHRINKING TUBE;INNER DIA;4mm;SPEC.NO:01098		*NOT available in DP
24	0.1200	M			SHRINKING TUBE;INNER DIA;6mm;SPEC.NO:01099		*NOT available in DP
25	35.0000	PC			WASHER;PLAIN;INNER DIA:9mm6;OUTER DIA:13mm;THICKNESS:0mm5;PLATING:NICKEL		*NOT available in DP
26	2.0000	PC			WASHER;EXTERNAL TEETH;INNER DIA:4mm;OUTER DIA:7mm;THICKNESS:1mm7		*NOT available in DP
27	1.0000	PC		F97-00600-11827	FILM;PROTECTIVE;DST.NO:006;DPT.NO:11827;(UB-SPSU-FOIL-REVF.DWG)		
28	2.0000	PC			BUSHING;MINIATURE;NYLON;DWG.NO:27886;(R20-SC-PLA_NYLBUSHM3x1_4.DWG)		*NOT available in DP
29	1.0000	PC			SCREW;M3mm*4mm;PITCH:0mm5;HEAD:FLAT;DIA:4mm5;INSERT:PHILIPS REC.;SURFACE:BLACK/ZINC;DWG.NO:29319		*NOT available in DP

Ic

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	S60-54422-00528	C60-22422-00528	IC;AD/DA;V4220M;SSOP	[B:00: {1.0}]{IC2}]	
2	61.0000	PC		C73-00000-29050	IC;OPAMP;SMD;SOP;8;BA4580RF	[D:00: {1.0}]{IC1}]	
3	14.0000	PC	S73-58007-40514	C73-31007-40514	IC;OPAMP OPAMP;TL074;SOP;	[P0AKZ:02: {14.0}]{IC30,IC32,IC49-IC53,IC58,IC60-IC65}]	
4	2.0000	PC		C73-59458-00408	IC;OPAMP OPAMP;NJM4580L;SIP	[P0AKZ:01: {2.0}]{IC1-IC2}]	
5	0.0000	PC	S73-59458-00508	C73-59458-00508	IC;OPAMP OPAMP;NJM4580;SOP		
6	1.0000	PC	S74-41024-50707	C74-41024-50707	IC;POWER-CONVERSION;TOP245Y;TO-220-7C	[SMPSU22:00: {1.0}]{IC2}]	
7	1.0000	PC	S74-61043-10803	C74-61043-10803	IC;POWER-CONVERSION;VOLT.REFERENCE;TO-92;TL431ACZ	[SMPSU22:00: {1.0}]{IC3}]	
8	1.0000	PC	S77-00128-03001	C77-00128-03001	IC;VOLT.REGULATOR;ADJUSTABLE;SOT223;NCP1117STAT3;SMD	[USBIO2CH:00: {1.0}]{IC2}]	
9	1.0000	PC	S77-05107-03110	C77-05107-03110	IC;VOLT.REGULATOR;7805F;FULLPACK;TO220	[.: {1.0}]{IC1}]	
10	7.0000	PC	S78-55133-90514	C78-55133-90514	IC;COMPARATOR;(SGS ONLY);LM339;SOP;SMD	[P0AKZ:01: {1.0}]{IC13}]	
11	1.0000	PC	T12-00100-02216	D12-00100-02217	IC;DIG COMM.;EUROTEC;V1000;SOIC	[B:00: {1.0}]{IC1}]	
12	1.0000	PC		D24-00000-43549	IC;MICROCONTROLLER;LQFP;48;STM8S207C8T6;SMD	[B:00: {1.0}]{IC3}]	
13	1.0000	PC		D28-00001-21435	IC;DIGITAL AUDIO CODEC;SMD;SSOP;PINS:28;V2902	[USBIO2CH:00: {1.0}]{IC1}]	

Led

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	3.0000	PC		E10-00000-28401	LED HIB;3mm ROUND;AMBER;NORMAL BRIGHT;W/RING;LED;lv:Typ.60mcd	[P0AKZ:02: {3.0}]{LD51,LD53-LD54}]	
2	18.0000	PC	U10-53565-00588	E10-53565-00588	LED HIB;3mm ROUND;GREEN	[P0AKZ:01: {2.0}]{LD1-LD2}]	
3	20.0000	PC	U10-59585-00592	E10-59585-00592	LED HIB;3mm ROUND;YELLOW	[P0AKZ:02: {20.0}]{LD13-LD24,LD41-LD48}]	
4	21.0000	PC	U12-57630-00590	E12-57630-00590	LED;3mm ROUND;RD	[P0AKZ:02: {21.0}]{LD1-LD12,LD49-LD50,LD52,LD56-LD61}]	
5	1.0000	PC		E12-67630-00595	LED;5mm ROUND;RD	[P0AKZ:02: {1.0}]{LD31}]	

Metal Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC		A62-00000-50997	METAL;P0AKZ;SECC 0.8mm;BOTTOM;BENDING + PUNCHING;SPRAYING;DARK GRAY;BOTTOMN_CABINET		
2	1.0000	PC		A62-02000-23975	METAL;POWER BRACKET;UB2222FX-PRO;DWG.NO:23975;(R20-UB2222FX-POWER_BRACKET-REVE.DWG)		
3	1.0000	PC		A62-02000-27452	METAL;POWER BRACKET COVER;UBSPSU;DWG.NO:27452;(R20-UB-POWER_BRACKET_COVER-REVB.DWG)		
4	2.0000	PC	Q65-00000-24959	A65-00000-24959	METAL;P0274;SPCC 0.8mm;MOUNT;BENDING + PUNCHING;PLATING TIN;MOUNTING HELP;J00053P;REV:B	[USBIO2CH:00: {2.0}]{X1-X2}]	
5	1.0000	PC	Q65-23000-24593	A65-23000-24593	METAL CLIP;DSP2000;DWG.NO:24593;(R14-DSP2000-CLIP-REVC.DWG)		
6	1.0000	PC		J02-00000-59026	METAL;P0AKZ;SECC 0.8mm;TOP;BENDING + PUNCHING;GLOSS SEMI;SPRAY METALLIC;DARK GRAY;TOP_CABINET;A001		

Plastic Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	4.0000	PC	W51-01200-01762	G51-01200-01762	RUBBER FOOT;STANDARD;SELF-ADHESIVE;COLOR:BLK;DWG.NO:01762		
2	16.0000	PC	W52-00000-70482	G52-00000-70482	PLASTIC;KNOB;P0000;ABS;INJECTION;MATT;SPRAYING;SILVER MATT;FADER KNOB-W4		
3	9.0000	PC	W52-00200-08623	G52-00200-08623	KNOB;FADER;FAD30MMKNOB 1;BLACK;DST.NO:002;DPT.NO:08623;(FADERKNOBBLK1-REVB.DWG)		
4	1.0000	PC	W52-00200-10210	G52-00200-10210	ENCODER KNOB;BLACK;DST.NO:002;DPT.NO:10210;(PMX-ENCODERKNOB-REVB.DWG)		
5	10.0000	PC	W52-00200-11002	G52-00200-11002	KNOB;POT;(10);430C;CAP:BLACK;DST.NO:002;DPT.NO:11002;(PMX-POTKNOB(10)IN-REVB.DWG)		
6	2.0000	PC	W52-00200-00258	G52-00200-11003	KNOB;POT;(10);430C;CAP:WHITE;DST.NO:002;DPT.NO:11003;(PMX-POTKNOB(10)IN-REVB.DWG)		
7	6.0000	PC	W52-00200-12256	G52-00200-12256	KNOB;POTENTIOMETER;(10);430C;CAP:288C;DST.NO:002;DPT.NO:12256;(PMX-POTKNOB(10)IN-REVB.DWG)		
8	22.0000	PC	W52-00200-12257	G52-00200-12257	KNOB;POTENTIOMETER;(10);430C;CAP:194C;DST.NO:002;DPT.NO:12257;(PMX-POTKNOB(10)IN-REVB.DWG)		
9	34.0000	PC	W52-00200-12258	G52-00200-12258	KNOB;POTENTIOMETER;(10);430C;CAP:289C;DST.NO:002;DPT.NO:12258;(PMX-POTKNOB(10)IN-REVB.DWG)		
10	11.0000	PC	W52-00200-12259	G52-00200-12259	KNOB;POTENTIOMETER;(10);430C;CAP:151U;DST.NO:002;DPT.NO:12259;(PMX-POTKNOB(10)IN-REVB.DWG)		
11	10.0000	PC	W52-00200-12269	G52-00200-12269	PLASTIC;SWITCH KNOB;I00341P;PANTONE 430C;DST.NO:002;DPT.NO:12269;(I00341P-SWITCH_KNOB-REVB.DWG)		
12	6.0000	PC		G52-00200-12340	PLASTIC;SWITCH KNOB;I00341P;BLACK;DST.NO:002;DPT.NO:12340;(I00341P-SWITCH_KNOB-REVB.DWG)		
13	6.0000	PC	W52-00200-15614	G52-00200-15614	KNOB;POTENTIOMETER;(10);430C;CAP:3025C;DST.NO:002;DPT.NO:15614;(PMX-POTKNOB(10)IN-REVB.DWG)		
14	6.0000	PC	W52-00300-02453	G52-00300-02453	KNOB;PMX-SERIES;GAIN POTENTIOMETER;DST.NO:003;DPT.NO:02453;(PMX-GAINKNOB-REVC.DWG)		
15	48.0000	PC	W52-00500-09353	G52-00500-09353	KNOB;SWITCH;UB-S;DST.NO:005;DPT.NO:09353;(UB-S_SWKNOB-REVE.DWG)		
16	5.0000	PC	W52-00500-11000	G52-00500-11000	KNOB;SWITCH;UB-S;430C;DST.NO:005;DPT.NO:11000;(UB-S_SWKNOB-REVE.DWG)		
17	2.0000	PC		G52-00500-12260	KNOB;SWITCH;UB-S;194C;DST.NO:005;DPT.NO:12260;(R20-UB-S_SWKNOB-REVE.DWG)		
18	1.0000	PC		G52-00500-12264	KNOB;SWITCH;289C;UB-S;DST.NO:005;DPT.NO:12264;(R20-UB-S_SWKNOB-REVE.DWG)		
19	12.0000	PC	W52-80508-23627	G52-80508-23627	KNOB;SWITCH;UB-L;7mm4;BLACK;DWG.NO:23627;(R20-UB-L_SWKNOB-REVB.DWG)		
20	1.0000	PC	W53-00000-50674	G53-00000-50674	PLASTIC;P0AL2;ABS;LEFT;INJECTION;GLOSSY;PAINTING NORMAL;SILVER METALLIC;SILVER/WHITE;SIDE PANNEL		
21	1.0000	PC	W53-00000-50678	G53-00000-50678	PLASTIC;P0AL2;ABS;RIGHT;INJECTION;GLOSSY;PAINTING NORMAL;SILVER METALLIC;SILVER/WHITE;SIDE PANNEL		
22	60.0000	PC	W53-00200-11127	G53-00200-11127	PLASTIC;SPACER;MOULDING;BLACK;LENGTH:11MM;DST.NO:002;DPT.NO:11127;(R20-ACCESSORY-LEDSPACER-REVB.DWG)		
23	10.0000	PC	W53-14000-01976	G53-14000-01976	PLASTIC;SPACER;ABS;BLACK;LENGTH:14MM2;(SWITCHSPACER14_2 MM.DWG)		
24	1.0000	PC		G58-00100-08381	PLASTIC;SHEET;P0554;PET;BLACK;DST.NO:001;DPT.NO:8381;(XENYX 124FX-PET-SHEET-REVA.DWG)		
25	1.0000	PC		G58-00200-11129	PLASTIC;LED SPACER;MOULDING;BLACK;NO:8LENGTH:9MM;DST.NO:002;DPT.NO:11129;(LED-SPACER9MM.REVB.DWG)		

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
26	2.0000	PC	W58-00300-11128	G58-00300-11128	PLASTIC;SPACER;P0062;MOULDING;BLACK;LED SPACER2;DI100 DSP110;DST.NO:003;DPT.NO:11128;(R14-DI100-LEDSPACER2-REVC.DWG)		
27	1.0000	PC		I64-00000-73733	PLASTIC;WINDOW;P0000;PMMA;INJECTION;CLEAR;LCD COMMON QX SERIES;A001		

Plug Socket

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	W61-65230-03295	G61-65230-03295	BOX HEADER;POLES:30;2 ROW;STRAIGHT;PITCH:2mm54;SCM-30S	[P0AKZ:02: {1.0}(X10)]	
2	1.0000	PC		G61-75230-05322	CABLE HEADER;POLES:30;2 ROW;IDE;STRAIGHT;PITCH:2mm54;FC-30P		
3	1.0000	PC		G61-85230-08163	TRANSITION PLUG;FLAT CABLE;POLES:30;ROWS:2;STRAIGHT;PITCH:2mm54;BLACK;FD-30P		
4	34.0000	PC	W64-01211-03174	G64-01211-03174	PLUG;JACK STEREO 6mm3;STRAIGHT SOLDER;W/O MET.RNG.;MET.BUSH.;NO NUT/WASHER;(JY-6351G-02-250)	[P0A0K:03: {12.0}(X1-X12)]	
5	1.0000	PC	W64-16212-00005	G64-16212-00005	PLUG;PCB;PLUG;JACK STEREO 6mm3;STRAIGHTPCB LUGS;NO NUT/WASHER;METAL BUSHING;(CHUNSHENG PJ-632HA)	[P0AKZ:01: {1.0}(X1)]	
6	0.0000	PC	W67-20103-01824	G67-20103-01824	PLUG;AC SOCK;W FUSE;SNAP-IN;COLOR:BLK;POLES:03;(RONG-FENG RF-2004)		
7	1.0000	PC		G67-40103-01810	SOCKET;AC;SCREW MOUNT;FUSED;UL94V-0;10A/250VAC;FOR AMP CONN;COLOR:BLK;POLES:03;(JACKSON JR-101-1FS)		
8	1.0000	PC	W68-04004-03284	G68-04004-03284	PLUG;RCA;SOCKET;RCAJACK4P/S;FEMALE;POLES:04;STRAIGHT	[P0AKZ:01: {1.0}(X22)]	
9	1.0000	PC		G71-00000-03961	WAFER;V1000-14B,0.35um;LOGIC-3.3V(1P4M)		
10	1.0000	PC		G71-00000-46695	PIN HEAD;PIN HEADER;10;ROWS:2;STRAIGHT;2.54 MM;MALE;2*5;H=4.5mm;PIN LENGTH 3.2mm	[P0AKZ:02: {1.0}(X4)]	
11	2.0000	PC		G71-00000-46812	PIN HEAD;PIN HEADER;2;ROWS:1;STRAIGHT;2.54 MM;MALE;H=4.5mm	[P0AKZ:02: {2.0}(X1,X6)]	
12	1.0000	PC		G71-15220-48229	PIN HEADER;POLES:20;STRAIGHT;PITCH:2.54 mm;2 ROWS;1002-20-S	[D:00: {1.0}(X1)]	
13	1.0000	PC		G71-15224-24042	PIN HEADER;POLES:24;STRAIGHT;PITCH:2.54 mm;2 ROWS;1002-24-S	[B:00: {1.0}(X1)]	
14	2.0000	PC	W71-23102-04756	G71-23102-04756	WAFER;POLES:2;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-2P	[SMPSU22:00: {2.0}(X2,X4)]	
15	1.0000	PC	W71-23106-04965	G71-23106-04965	WAFER;POLES:6;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-6P	[P0AKZ:02: {1.0}(X11)]	
16	1.0000	PC	W71-23108-04747	G71-23108-04747	WAFER;POLES:8;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-8P	[P0AKZ:02: {1.0}(X9)]	
17	3.0000	PC	W71-23109-04748	G71-23109-04748	WAFER;POLES:9;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-9P	[P0AKZ:02: {3.0}(X8,X12,X14)]	
18	1.0000	PC	W71-23110-04749	G71-23110-04749	WAFER;POLES:10;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-10P	[P0AKZ:02: {1.0}(X7)]	
19	1.0000	PC	W71-23113-04752	G71-23113-04752	WAFER;POLES:13;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006WV-13P	[P0AKZ:02: {1.0}(X13)]	
20	1.0000	PC		G71-35220-03405	PLUG;PCB;PLUG;PCB SOCKET;POLES:20;2 ROWS;STRAIGHT;PITCH:2mm54;2801-20GS	[P0AKZ:01: {1.0}(X32)]	
21	1.0000	PC	W71-35224-03073	G71-35224-03073	PLUG;PCB;PLUG;PCB SOCKET;POLES:24;2 ROWS;STRAIGHT;PITCH:2mm54;2801-24GS	[P0AKZ:02: {1.0}(X5)]	
22	1.0000	PC	W71-43102-05994	G71-43102-05994	PLUG;HOUSING;POLES:2;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
23	1.0000	PC	W71-43106-05998	G71-43106-05998	PLUG;HOUSING;POLES:6;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
24	1.0000	PC	W71-43108-06000	G71-43108-06000	PLUG;HOUSING;POLES:8;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
25	3.0000	PC	W71-43109-06001	G71-43109-06001	PLUG;HOUSING;POLES:9;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
26	1.0000	PC	W71-43110-06002	G71-43110-06002	PLUG;HOUSING;POLES:10;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
27	1.0000	PC	W71-43113-06005	G71-43113-06005	PLUG;HOUSING;POLES:13;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
28	64.0000	PC	W71-80000-05663	G71-80000-05663	BD.-IN-CONN;TERMINAL;SAN-002T-0.8A		
29	1.0000	PC	W71-83106-05650	G71-83106-05650	BOARD-IN-CONNECTOR;POLES:6;ROWS:1;STRAIGHT;PITCH:2 mm		
30	1.0000	PC	W71-83108-05652	G71-83108-05652	BOARD-IN-CONNECTOR;POLES:8;ROWS:1;STRAIGHT;PITCH:2 mm		
31	3.0000	PC	W71-83109-05817	G71-83109-05817	BOARD-IN-CONNECTOR;POLES:9;ROWS:1;STRAIGHT;PITCH:2 mm		
32	1.0000	PC	W71-83110-05654	G71-83110-05654	BOARD-IN-CONNECTOR;POLES:10;ROWS:1;STRAIGHT;PITCH:2 mm		
33	1.0000	PC	W71-83113-05818	G71-83113-05818	BOARD-IN-CONNECTOR;POLES:13;ROWS:1;STRAIGHT;PITCH:2 mm		

Power Supply

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	Z63-09390-24046	J63-09390-24046	TRANSFORMER;SPSU;40 WATT;UB-SERIES;DWG:24046		
2	1.0000	PC		J69-00000-52510	TRAFO;SWITCH MODE;P0AL3;UNIVERSAL 100 TO 240;COMMON;590uH;DA XIN PN:KB1332-15304		
3	1.0000	PC		J69-00000-52512	TRAFO;SWITCH MODE;P0AL3;UNIVERSAL 100 TO 240;COMMON;590uH;SUPERWORLD PN:R17-19-01214		

Quarz

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	X65-40471-00000	H65-40471-00000	QUARZ;RESONATOR;10MHz;HC49/S;FUNDAMENTAL	[B:00: {1.0} (Q1)]	
2	1.0000	PC	X65-40471-20000	H65-40471-20000	QUARZ;RESONATOR;12MHz;HC49/4H FUNDAMENTAL	[USBIO2CH:00: {1.0} (Q1)]	

Resistor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			RESISTOR;CARBON;56ohm;5%;0W063;SMD603	[POAKZ:02: {1.0}(R275)]	*NOT available in DP
2	6.0000	PC			RESISTOR;CARBON;130Kohm;5%;0W063;SMD603	[POAKZ:01: {6.0}(R78,R113,R151-R153,R159)]	*NOT available in DP
3	2.0000	PC			RESISTOR;CARBON;0ohm;5%;0W063;SMD603	[B:00: {2.0}(R11-R12)]	*NOT available in DP
4	1.0000	PC			RESISTOR;CARBON;2ohm2;5%;0W063;SMD603	[B:00: {1.0}(R10)]	*NOT available in DP
5	1.0000	PC			RESISTOR;CARBON;5ohm1;5%;0W063;SMD603	[B:00: {1.0}(R1)]	*NOT available in DP
6	2.0000	PC			RESISTOR;CARBON;22ohm;5%;0W063;SMD603	[USBIO2CH:00: {2.0}(R18-R19)]	*NOT available in DP
7	7.0000	PC			RESISTOR;CARBON;100ohm;5%;0W063;SMD603	[B:00: {7.0}(R7-R8,R14,R16,R18-R19,R22)]	*NOT available in DP
8	9.0000	PC			RESISTOR;CARBON;120ohm;5%;0W063;SMD603	[POAKZ:01: {8.0}(R183,R188,R201-R202,R223-R224,R239,R242)]	*NOT available in DP
9	2.0000	PC			RESISTOR;CARBON;150ohm;5%;0W063;SMD603	[B:00: {2.0}(R5-R6)]	*NOT available in DP
10	2.0000	PC			RESISTOR;CARBON;330ohm;5%;0W063;SMD603	[POAKZ:02: {2.0}(R308,R327)]	*NOT available in DP
11	2.0000	PC			RESISTOR;CARBON;360ohm;5%;0W063;SMD603	[POAKZ:01: {2.0}(R184,R211)]	*NOT available in DP
12	6.0000	PC			RESISTOR;CARBON;470ohm;5%;0W063;SMD603	[USBIO2CH:00: {3.0}(R4-R6)]	*NOT available in DP
13	4.0000	PC			RESISTOR;CARBON;510ohm;5%;0W063;SMD603	[POAKZ:02: {4.0}(R261,R268,R304,R359)]	*NOT available in DP
14	1.0000	PC			RESISTOR;CARBON;620ohm;5%;0W063;SMD603	[POAKZ:02: {1.0}(R378)]	*NOT available in DP
15	15.0000	PC			RESISTOR;CARBON;680ohm;5%;0W063;SMD603	[POAKZ:02: {15.0}(R657-R662,R667-R672,R746,R755,R770)]	*NOT available in DP
16	12.0000	PC			RESISTOR;CARBON;820ohm;5%;0W063;SMD603	[POAKZ:02: {12.0}(R728-R733,R822,R824,R826,R828,R830,R832)]	*NOT available in DP
17	21.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W063;SMD603	[B:00: {1.0}(R21)]	*NOT available in DP
18	2.0000	PC			RESISTOR;CARBON;1Kohm2;5%;0W063;SMD603	[POAKZ:01: {2.0}(R215,R227)]	*NOT available in DP
19	1.0000	PC			RESISTOR;CARBON;1Kohm3;5%;0W063;SMD603	[POAKZ:02: {1.0}(R386)]	*NOT available in DP
20	47.0000	PC			RESISTOR;CARBON;1Kohm5;5%;0W063;SMD603	[USBIO2CH:00: {1.0}(R1)]	*NOT available in DP
21	19.0000	PC			RESISTOR;CARBON;2Kohm;5%;0W063;SMD603	[POAKZ:02: {19.0}(R299,R325,R398,R607,R609,R611,R613,R624-R627,R673-R676,R711-R714)]	*NOT available in DP
22	6.0000	PC			RESISTOR;CARBON;2Kohm2;5%;0W063;SMD603	[D:00: {1.0}(R8)]	*NOT available in DP
23	10.0000	PC			RESISTOR;CARBON;2Kohm7;5%;0W063;SMD603	[POAKZ:01: {6.0}(R83,R114,R132,R136-R138)]	*NOT available in DP
24	3.0000	PC			RESISTOR;CARBON;3Kohm3;5%;0W063;SMD603	[POAKZ:02: {3.0}(R360,R371,R752)]	*NOT available in DP
25	2.0000	PC			RESISTOR;CARBON;3Kohm6;5%;0W063;SMD603	[POAKZ:01: {2.0}(R185,R212)]	*NOT available in DP
26	34.0000	PC			RESISTOR;CARBON;3Kohm9;5%;0W063;SMD603	[POAKZ:02: {34.0}(R5,R10,R15-R28,R34,R59,R68,R73,R215,R218,R221,R223-R224,R226-R227,R229-R230,R232-R233,R255-R256,R263)]	*NOT available in DP
27	10.0000	PC			RESISTOR;CARBON;4Kohm7;5%;0W063;SMD603	[B:00: {2.0}(R2-R3)]	*NOT available in DP
28	50.0000	PC			RESISTOR;CARBON;5Kohm1;5%;0W063;SMD603	[POAKZ:02: {50.0}(R14,R36,R70,R98,R156-R157,R214,R216-R217,R219-R220,R222,R343-R348,R399-R404,R438,R440-R445,R455,R462,R464,R466,R468,R470,R472,R478-R483,R489,R491,R493,R495,R497,R499)]	*NOT available in DP
29	3.0000	PC			RESISTOR;CARBON;5Kohm6;5%;0W063;SMD603	[POAKZ:02: {3.0}(R414,R416,R738)]	*NOT available in DP
30	80.0000	PC			RESISTOR;CARBON;6Kohm8;5%;0W063;SMD603	[POAKZ:01: {4.0}(R87,R97,R106,R109)]	*NOT available in DP
31	2.0000	PC			RESISTOR;CARBON;7Kohm5;5%;0W063;SMD603	[POAKZ:02: {2.0}(R436,R454)]	*NOT available in DP
32	9.0000	PC			RESISTOR;CARBON;8Kohm2;5%;0W063;SMD603	[POAKZ:02: {9.0}(R424,R450,R453,R488,R490,R492,R494,R496,R498)]	*NOT available in DP
33	141.0000	PC			RESISTOR;CARBON;10Kohm;5%;0W063;SMD603	[D:00: {6.0}(R1-R3,R5-R6,R18)]	*NOT available in DP
34	31.0000	PC			RESISTOR;CARBON;12Kohm;5%;0W063;SMD603	[POAKZ:02: {31.0}(R338,R362,R372,R375,R409,R418-R421,R427,R701-R704,R721,R723,R725,R727,R739-R744,R785,R791,R793,R795,R797,R799,R801)]	*NOT available in DP
35	47.0000	PC			RESISTOR;CARBON;15Kohm;5%;0W063;SMD603	[D:00: {1.0}(R4)]	*NOT available in DP
36	7.0000	PC			RESISTOR;CARBON;18Kohm;5%;0W063;SMD603	[POAKZ:02: {7.0}(R6,R12,R32-R33,R71,R170,R183)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
37	35.0000	PC			RESISTOR;CARBON;20Kohm;5%;0W063;SMD603	[D:00: {2.0}(R21-R22)]	*NOT available in DP
38	14.0000	PC			RESISTOR;CARBON;22Kohm;5%;0W063;SMD603	[POAKZ:02: {14.0}(R597,R599,R601,R603,R643-R646,R803,R806,R809,R812,R815,R818)]	*NOT available in DP
39	1.0000	PC			RESISTOR;CARBON;24Kohm;5%;0W063;SMD603	[B:00: {1.0}(R17)]	*NOT available in DP
40	44.0000	PC			RESISTOR;CARBON;27Kohm;5%;0W063;SMD603	[POAKZ:02: {44.0}(R140-R152,R155,R158-R167,R169,R172,R184,R187,R205,R212,R324,R332,R805,R808,R811,R814,R817,R820,R833-R838)]	*NOT available in DP
41	2.0000	PC			RESISTOR;CARBON;30Kohm;5%;0W063;SMD603	[POAKZ:02: {2.0}(R313,R319)]	*NOT available in DP
42	16.0000	PC			RESISTOR;CARBON;36Kohm;5%;0W063;SMD603	[POAKZ:02: {16.0}(R7,R11,R63-R64,R290,R303,R342,R353,R364,R374,R389-R390,R415,R425,R751,R754)]	*NOT available in DP
43	2.0000	PC			RESISTOR;CARBON;43Kohm;5%;0W063;SMD603	[POAKZ:02: {2.0}(R285,R291)]	*NOT available in DP
44	52.0000	PC			RESISTOR;CARBON;47Kohm;5%;0W063;SMD603	[B:00: {1.0}(R20)]	*NOT available in DP
45	6.0000	PC			RESISTOR;CARBON;56Kohm;5%;0W063;SMD603	[POAKZ:02: {6.0}(R790,R792,R794,R796,R798,R800)]	*NOT available in DP
46	4.0000	PC			RESISTOR;CARBON;62Kohm;5%;0W063;SMD603	[POAKZ:02: {4.0}(R341,R384,R388,R406)]	*NOT available in DP
47	6.0000	PC			RESISTOR;CARBON;75Kohm;5%;0W063;SMD603	[POAKZ:02: {6.0}(R757,R759,R761,R763,R765,R767)]	*NOT available in DP
48	14.0000	PC			RESISTOR;CARBON;100Kohm;5%;0W063;SMD603	[POAKZ:02: {14.0}(R130,R307,R317,R358,R373,R383,R630,R753,R804,R807,R810,R813,R816,R819)]	*NOT available in DP
49	1.0000	PC			RESISTOR;CARBON;200Kohm;5%;0W063;SMD603	[POAKZ:02: {1.0}(R106)]	*NOT available in DP
50	24.0000	PC			RESISTOR;CARBON;220Kohm;5%;0W063;SMD603	[POAKZ:01: {2.0}(R160,R177)]	*NOT available in DP
51	1.0000	PC			RESISTOR;CARBON;680Kohm;5%;0W063;SMD603	[D:00: {1.0}(R7)]	*NOT available in DP
52	25.0000	PC			RESISTOR;CARBON;1Mohm;5%;0W063;SMD603	[D:00: {1.0}(R9)]	*NOT available in DP
53	1.0000	PC			RESISTOR;METAL;200ohm;1%;0W063;SMD603	[USBIO2CH:00: {1.0}(R17)]	*NOT available in DP
54	1.0000	PC			RESISTOR;METAL;390ohm;1%;0W063;SMD603	[USBIO2CH:00: {1.0}(R11)]	*NOT available in DP
55	8.0000	PC			RESISTOR;METAL;510ohm;1%;0W063;SMD603	[POAKZ:01: {8.0}(R46,R48-R53,R55)]	*NOT available in DP
56	2.0000	PC			RESISTOR;METAL;806ohm;1%;0W063;SMD603	[POAKZ:02: {2.0}(R571,R623)]	*NOT available in DP
57	4.0000	PC			RESISTOR;METAL;1Kohm;1%;0W063;SMD603	[D:00: {4.0}(R10-R13)]	*NOT available in DP
58	2.0000	PC			RESISTOR;METAL;1Kohm24;1%;0W063;SMD603	[POAKZ:02: {2.0}(R567,R651)]	*NOT available in DP
59	14.0000	PC			RESISTOR;METAL;1Kohm3;1%;0W063;SMD603	[POAKZ:01: {12.0}(R179-R182,R203,R205-R208,R214,R228-R229)]	*NOT available in DP
60	4.0000	PC			RESISTOR;METAL;2Kohm;1%;0W063;SMD603	[POAKZ:02: {4.0}(R563,R570,R647,R654)]	*NOT available in DP
61	32.0000	PC			RESISTOR;METAL;2Kohm2;1%;0W063;SMD603	[POAKZ:01: {32.0}(R54,R56,R75,R80-R81,R86,R91-R94,R100-R105,R111-R112,R123,R125,R127,R129-R130,R134-R135,R146-R147,R154-R155,R161-R162,R175)]	*NOT available in DP
62	2.0000	PC			RESISTOR;METAL;2Kohm43;1%;0W063;SMD603	[POAKZ:02: {2.0}(R566,R650)]	*NOT available in DP
63	2.0000	PC			RESISTOR;METAL;3Kohm74;1%;0W063;SMD603	[POAKZ:02: {2.0}(R569,R653)]	*NOT available in DP
64	18.0000	PC			RESISTOR;METAL;4Kohm42;1%;0W063;SMD603	[POAKZ:02: {18.0}(R473,R484-R486,R510-R523)]	*NOT available in DP
65	8.0000	PC			RESISTOR;METAL;5Kohm1;1%;0W063;SMD603	[POAKZ:01: {8.0}(R57-R60,R63-R66)]	*NOT available in DP
66	2.0000	PC			RESISTOR;METAL;5Kohm11;1%;0W063;SMD603	[POAKZ:02: {2.0}(R565,R649)]	*NOT available in DP
67	2.0000	PC			RESISTOR;METAL;5Kohm6;1%;0W063;SMD603	[USBIO2CH:00: {2.0}(R7-R8)]	*NOT available in DP
68	4.0000	PC			RESISTOR;METAL;6Kohm34;1%;0W063;SMD603	[POAKZ:02: {4.0}(R544,R576,R615,R628)]	*NOT available in DP
69	2.0000	PC			RESISTOR;METAL;7Kohm50;1%;0W063;SMD603	[POAKZ:02: {2.0}(R568,R652)]	*NOT available in DP
70	1.0000	PC			RESISTOR;METAL;9Kohm09;1%;0W063;SMD603	[POAKZ:02: {1.0}(R715)]	*NOT available in DP
71	56.0000	PC			RESISTOR;METAL;10Kohm;1%;0W063;SMD603	[USBIO2CH:00: {4.0}(R9-R10,R15-R16)]	*NOT available in DP
72	2.0000	PC			RESISTOR;METAL;11Kohm;1%;0W063;SMD603	[POAKZ:02: {2.0}(R550,R621)]	*NOT available in DP
73	2.0000	PC			RESISTOR;METAL;12Kohm7;1%;0W063;SMD603	[POAKZ:02: {2.0}(R587,R636)]	*NOT available in DP
74	10.0000	PC			RESISTOR;METAL;13Kohm3;1%;0W063;SMD603	[POAKZ:02: {10.0}(R487,R504-R505,R532,R577,R604-R605,R622,R655,R699)]	*NOT available in DP
75	2.0000	PC			RESISTOR;METAL;16Kohm5;1%;0W063;SMD603	[POAKZ:02: {2.0}(R543,R614)]	*NOT available in DP
76	2.0000	PC			RESISTOR;METAL;19Kohm6;1%;0W063;SMD603	[POAKZ:02: {2.0}(R546,R617)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
77	2.0000	PC			RESISTOR;METAL;20Kohm;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R590,R639)]	*NOT available in DP
78	2.0000	PC			RESISTOR;METAL;22Kohm1;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R593,R642)]	*NOT available in DP
79	2.0000	PC			RESISTOR;METAL;24Kohm3;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R549,R620)]	*NOT available in DP
80	2.0000	PC			RESISTOR;METAL;33Kohm2;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R586,R635)]	*NOT available in DP
81	4.0000	PC			RESISTOR;METAL;40Kohm2;1%;0W063;SMD603	[P0AKZ:02: {4.0}(R545,R589,R616,R638)]	*NOT available in DP
82	2.0000	PC			RESISTOR;METAL;41Kohm2;1%;0W063;SMD603	[USBIO2CH:00: {2.0}(R2-R3)]	*NOT available in DP
83	2.0000	PC			RESISTOR;METAL;43Kohm20;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R548,R619)]	*NOT available in DP
84	2.0000	PC			RESISTOR;METAL;47Kohm;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R592,R641)]	*NOT available in DP
85	2.0000	PC			RESISTOR;METAL;82Kohm5;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R588,R637)]	*NOT available in DP
86	2.0000	PC			RESISTOR;METAL;91Kohm;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R591,R640)]	*NOT available in DP
87	2.0000	PC			RESISTOR;METAL;100Kohm;1%;0W063;SMD603	[P0AKZ:02: {2.0}(R551-R552)]	*NOT available in DP
88	4.0000	PC			RESISTOR;METAL;10Kohm;1%;PPM100;0W063;SMD603	[D:00: {4.0}(R14-R17)]	*NOT available in DP
89	12.0000	PC			RESISTOR;CARBON;3ohm9;5%;0W1;SMD805	[P0AKZ:01: {12.0}(R204,R216-R221,R230,R232-R235)]	*NOT available in DP
90	6.0000	PC			RESISTOR;CARBON;4ohm7;5%;0W1;SMD805	[D:00: {2.0}(R19-R20)]	*NOT available in DP
91	1.0000	PC			RESISTOR;CARBON;6ohm8;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R17)]	*NOT available in DP
92	2.0000	PC			RESISTOR;CARBON;22ohm;5%;0W1;SMD805	[P0AKZ:02: {2.0}(R474-R475)]	*NOT available in DP
93	6.0000	PC			RESISTOR;CARBON;47ohm;5%;0W1;SMD805	[P0AKZ:01: {6.0}(R67,R76-R77,R82,R157,R163)]	*NOT available in DP
94	2.0000	PC			RESISTOR;CARBON;51ohm;5%;PPM200;0W1;SMD603	[P0AKZ:01: {2.0}(R166,R176)]	*NOT available in DP
95	1.0000	PC			RESISTOR;CARBON;56ohm;5%;0W1;SMD805	[P0AKZ:02: {1.0}(R784)]	*NOT available in DP
96	18.0000	PC			RESISTOR;CARBON;120ohm;5%;0W1;SMD805	[SMPSU22:00: {2.0}(R9-R10)]	*NOT available in DP
97	1.0000	PC			RESISTOR;CARBON;470ohm;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R24)]	*NOT available in DP
98	1.0000	PC			RESISTOR;CARBON;560ohm;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R25)]	*NOT available in DP
99	1.0000	PC			RESISTOR;CARBON;820ohm;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R23)]	*NOT available in DP
100	1.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W1;SMD805	[P0AKZ:02: {1.0}(R656)]	*NOT available in DP
101	4.0000	PC			RESISTOR;CARBON;2Kohm2;5%;0W1;SMD805	[SMPSU22:00: {4.0}(R7-R8,R14-R15)]	*NOT available in DP
102	1.0000	PC			RESISTOR;CARBON;3Kohm3;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R19)]	*NOT available in DP
103	1.0000	PC			RESISTOR;CARBON;5Kohm1;5%;0W1;SMD805	[P0AKZ:02: {1.0}(R477)]	*NOT available in DP
104	3.0000	PC			RESISTOR;CARBON;10Kohm;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R6)]	*NOT available in DP
105	1.0000	PC			RESISTOR;CARBON;22Kohm;5%;0W1;SMD805	[SMPSU22:00: {1.0}(R22)]	*NOT available in DP
106	3.0000	PC			RESISTOR;CARBON;47Kohm;5%;0W1;SMD805	[SMPSU22:00: {3.0}(R20-R21,R26)]	*NOT available in DP
107	3.0000	PC			RESISTOR;CARBON;680Kohm;5%;0W1;SMD805	[SMPSU22:00: {3.0}(R11-R13)]	*NOT available in DP
108	1.0000	PC			RESISTOR;METAL;10Kohm;1%;0W1;SMD805	[SMPSU22:00: {1.0}(R18)]	*NOT available in DP
109	1.0000	PC			RESISTOR;METAL;56Kohm2;1%;0W1;SMD805	[SMPSU22:00: {1.0}(R16)]	*NOT available in DP
110	2.0000	PC			RESISTOR;ARRAY;120ohm;SMD1206;CAY16-121J4	[P0A0K:03: {2.0}(R68-R69)]	*NOT available in DP
111	1.0000	PC	Y04-00100-23978	I04-00100-23978	THERMISTOR;NTC;10ohm;3A	[SMPSU22:00: {1.0}(R1)]	
112	1.0000	PC		I04-12501-00185	THERMISTOR;PTC;(RICH GP60-025)	[P0AKZ:02: {1.0}(R4)]	
113	1.0000	PC			VARISTOR;10 %;470 V;10D471K	[SMPSU22:00: {1.0}(VT1)]	*NOT available in DP
114	1.0000	PC			RESISTOR;CARBON;10ohm;5%;0W25;LEAD WIRE;HORIZONTAL 26-6mm	[P0794:00: {1.0}(R4)]	*NOT available in DP
115	2.0000	PC			RESISTOR;METAL;390ohm;1%;0W25;LEAD WIRE;HORIZONTAL 26-6mm	[P0AKZ:02: {2.0}(R1-R2)]	*NOT available in DP
116	12.0000	PC			RESISTOR;METAL;510ohm;1%;0W25;LEAD WIRE;HORIZONTAL 26-6mm	[D:00: {4.0}(R27,R29,R32,R38)]	*NOT available in DP
117	12.0000	PC			RESISTOR;METAL;6Kohm8;1%;0W25;LEAD WIRE;HORIZONTAL 26-6mm	[P0AKZ:01: {12.0}(R25-R30,R33-R34,R37-R38,R41-R42)]	*NOT available in DP
118	12.0000	PC			RESISTOR;METAL;825 ohm;0W25;1 %;MET;HORIZONTAL 26-6mm	[D:00: {4.0}(R28,R30-R31,R37)]	*NOT available in DP
119	12.0000	PC			RESISTOR;METAL;2.49 kohm;0W25;1 %;MET;HORIZONTAL 26-6mm	[D:00: {4.0}(R23-R26)]	*NOT available in DP
120	12.0000	PC			RESISTOR;METAL;3.92 kohm;0W25;1 %;MET;HORIZONTAL 26-6mm	[D:00: {4.0}(R33-R36)]	*NOT available in DP
121	1.0000	PC			RESISTOR;CARBON;220ohm;5%;0W5;LEAD WIRE;RADIAL	[SMPSU22:00: {1.0}(R5)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
122	2.0000	PC			RESISTOR;CARBON;330ohm;5%;0W5;LEAD WIRE;RADIAL	[SMP5U22:00: {2.0}(R2-R3)]	*NOT available in DP
123	1.0000	PC			RESISTOR;CARBON;390ohm;5%;1W;LEAD WIRE	[POAKZ:02: {1.0}(R3)]	*NOT available in DP

Fader

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	11.0000	PC		I00-73441-02013	FADER;60mm;10Kohm;TAPER:D;MONO;W/O CC;LEVER:4mm*15mm;W/ THREADS M2;(SOUNDWELL SA6005NGA1B-HA1-007)	[POAKZ:02: {11.0}(VR1-VR6,VR11,VR13-VR16)]	
2	5.0000	PC	Y00-74451-02012	I00-74451-02012	FADER;60mm;10Kohm;TAPER:D;STEREO;W/O CC;LEVER LENGTH 15mm;(SOUNDWELL SA6005GOA0B-HA1-005)	[POAKZ:02: {5.0}(VR7-VR10,VR12)]	
3	9.0000	PC	Y00-92951-02422	I00-92951-02422	FADER;30mm;100Kohm;TAPER:W;STEREO;W/CC;(POLYSHINE F-3092E+C+E-W100K1-L9.5(J));RED LED	[POAKZ:02: {9.0}(VR71-VR79)]	

Potentiometer

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	6.0000	PC		I03-00000-03788	POTENTIOMETER;50 kohm;B;20 %;STEREO;NOBLE(XV012323YGPV30F1B50K/I) SHAFT 30MM	[POAKZ:02: {6.0}(VR111-VR116)]	
2	6.0000	PC		I03-61241-06648	POTENTIOMETER;10Kohm;TAPER:1B;MONO;SHAFT:30MM;W/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV09213YNPV30F1B10KCC)	[POAKZ:02: {6.0}(VR90-VR95)]	
3	12.0000	PC		I03-61245-06649	POTENTIOMETER;50Kohm;TAPER:1B;MONO;SHAFT:30MM;W/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV09213YNPV30F1B50KCC)	[POAKZ:02: {12.0}(VR61-VR66,VR101-VR106)]	
4	32.0000	PC		I03-61245-06653	POTENTIOMETER;50Kohm;TAPER:3B;MONO;SHAFT:30MM;W/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV09213YNPV30F3B50KCC)	[POAKZ:02: {32.0}(VR28-VR37,VR39-VR49,VR51-VR60,VR100)]	
5	16.0000	PC		I03-62245-06643	POTENTIOMETER;50Kohm;TAPER:1B;STEREO;W/CC;20-100gf;NORMAL TORQUE;(NOBLE XV012313YGPV30F1B50KCC)	[POAKZ:02: {16.0}(VR67-VR70,VR86-VR89,VR96-VR99,VR107-VR110)]	
6	1.0000	PC	Y03-62245-06645	I03-62245-06645	POTENTIOMETER;50Kohm;TAPER:3B;STEREO;SHAFT:30MM;W/CC;20-100gf;NORMAL TORQUE;(NOBLE XV012313YGPV30F3B50KCC)	[POAKZ:02: {1.0}(VR27)]	
7	10.0000	PC		I03-62741-06642	POTENTIOMETER;10Kohm 10Kohm;TAPERA/C;STEREO;SHAFT:30MM;W/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV012313YGPV30F15AC10KCC)	[POAKZ:02: {10.0}(VR17-VR26)]	
8	1.0000	PC		I03-63131-06651	POTENTIOMETER;1Kohm;TAPER:15A;MONO;SHAFT:30MM;WO/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV09213YNPV30F15A1K)	[POAKZ:02: {1.0}(VR50)]	
9	6.0000	PC	Y03-85335-01906	I03-63335-06650	POTENTIOMETER;5Kohm;TAPER:C05;MONO;SHAFT:30MM;WO/ CC;20-100gf;NORMAL TORQUE;(NOBLE XV09213YNPV30F05C5K)	[POAKZ:01: {6.0}(VR1-VR6)]	
10	1.0000	PC	Y03-34645-31441	I03-64245-06647	POTENTIOMETER;50Kohm;TAPER:3B;STEREO;SHAFT:30MM;W/O CC;20-100gf;NORMAL TORQUE;(NOBLE XV012313YGPV30F3B50K)	[POAKZ:02: {1.0}(VR38)]	
11	6.0000	PC	Y03-64345-06646	I03-64345-06646	POTENTIOMETER;50Kohm;TAPER:10C;STEREO;SHAFT:30MM;W/O CC;20-100gf;NORMAL TORQUE;(NOBLE XV012313YGPV30F10C50K)	[POAKZ:02: {6.0}(VR80-VR85)]	

Encoder

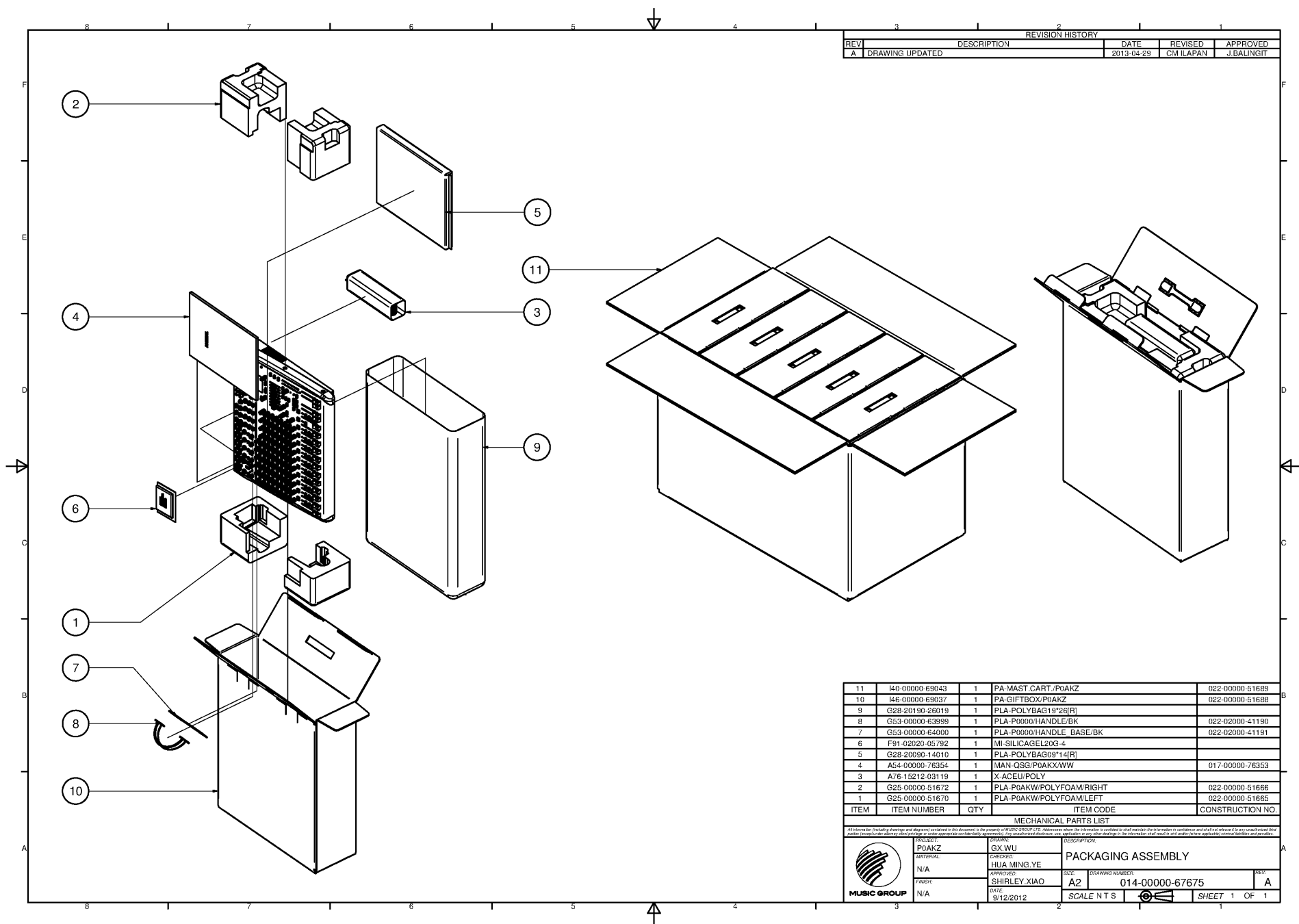
	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	Y32-32430-24605	I32-92430-02704	ENCODER;12mm;DETENTS:24;PULSES:24;30mm;W/SWITCH;NO NUT/WASHER;(POLYSHINE F-12E55H24B-P+C L30FX12(O))	[POAKZ:02: {1.0}(SW75)]	

Switch

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	61.0000	PC	Y77-03422-02778	I77-03422-02778	SWITCH;RADIAL;2P2T;PCB VERSION;LOCKING;NONSHORT;RAD2P	[P0AKZ:01: {10.0}(SW1-SW10)]	
2	21.0000	PC	Y77-03442-02780	I77-03442-02780	SWITCH;RADIAL;4P2T;PCB VERSION;LOCKING;NONSHORT;RAD4P	[P0AKZ:02: {21.0}(SW24-SW35,SW42-SW45,SW47,SW50,SW69-SW71)]	
3	2.0000	PC	Y77-03822-02779	I77-03822-02779	SWITCH;RADIAL;2P2T;PCB VERSION;NONLOCK;NONSHORT;RAD2P/NON	[P0AKZ:02: {2.0}(SW73-SW74)]	
4	1.0000	PC	Y84-02211-00140	I84-02211-00140	SWITCH;ROCKER;1P1T;WHITE LINE MARKING RADIAL;LOCKING;NONSHORT;APPROVAL: UL94V0;(SOLTEAM MR22-FBBB-F2		
5	1.0000	PC		I84-02211-04984	SWITCH;ROCKER;POLES:1;TOGGLES:1;LOCKING;NONSHORT;SOLDER LUG;(CANAL:MR111-CVN-BBNW)		

Transistor

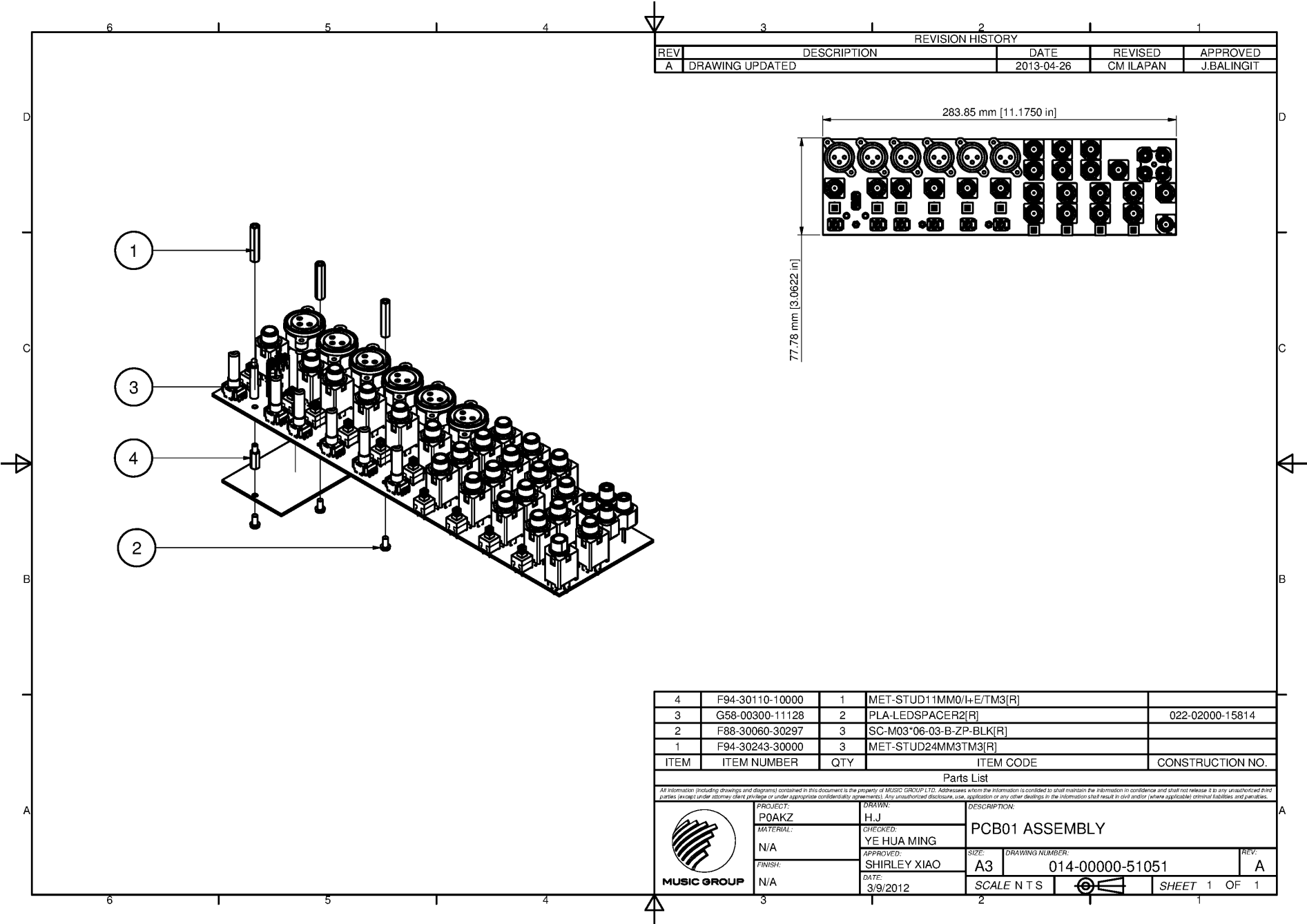
	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	2.0000	PC			TRANSISTOR;BD239C;TO220	[SMPSU22:00: {1.0}(T3): {1.0}(T1)]	*NOT available in DP
2	1.0000	PC			TRANSISTOR;BD240C;TO220	[.: {1.0}(T2)]	*NOT available in DP
3	12.0000	PC			TRANSISTOR;SOT;3;MBTA06;BRAND:NXP AND INFINEON	[D:00: {4.0}(T7-T10)]	*NOT available in DP
4	35.0000	PC			TRANSISTOR;BC846B;SOT;SMD	[SMPSU22:00: {2.0}(T4,T6)]	*NOT available in DP
5	3.0000	PC			TRANSISTOR;BC856B;SOT;SMD	[SMPSU22:00: {1.0}(T5)]	*NOT available in DP
6	2.0000	PC			TRANSISTOR;MBTA56;SOT	[P0AKZ:02: {2.0}(T22-T23)]	*NOT available in DP
7	1.0000	PC			TRANSISTOR;MP5A92;TO-92;TAPING	[P0AKZ:02: {1.0}(T1)]	*NOT available in DP
8	12.0000	PC			TRANSISTOR;KTA1268GR;T/R;PITCH:2MM54;TO92	[D:00: {4.0}(T11-T14)]	*NOT available in DP
9	1.0000	PC			TRANSISTOR;MBT3904WT1;SOT323	[P0AKZ:02: {1.0}(T39)]	*NOT available in DP
10	1.0000	PC			TRANSISTOR;MMBF170LT1;SOT	[D:00: {1.0}(T4)]	*NOT available in DP
11	6.0000	PC			TRANSISTOR;2SK208;TO-236MOD;SMD	[P0AKZ:02: {6.0}(T42-T47)]	*NOT available in DP
12	5.0000	PC			TRANSISTOR;SST113;SOT	[P0AKZ:02: {5.0}(T24-T28)]	*NOT available in DP
13	0.0000	PC			TRANSISTOR;TIP32C;TO220		*NOT available in DP

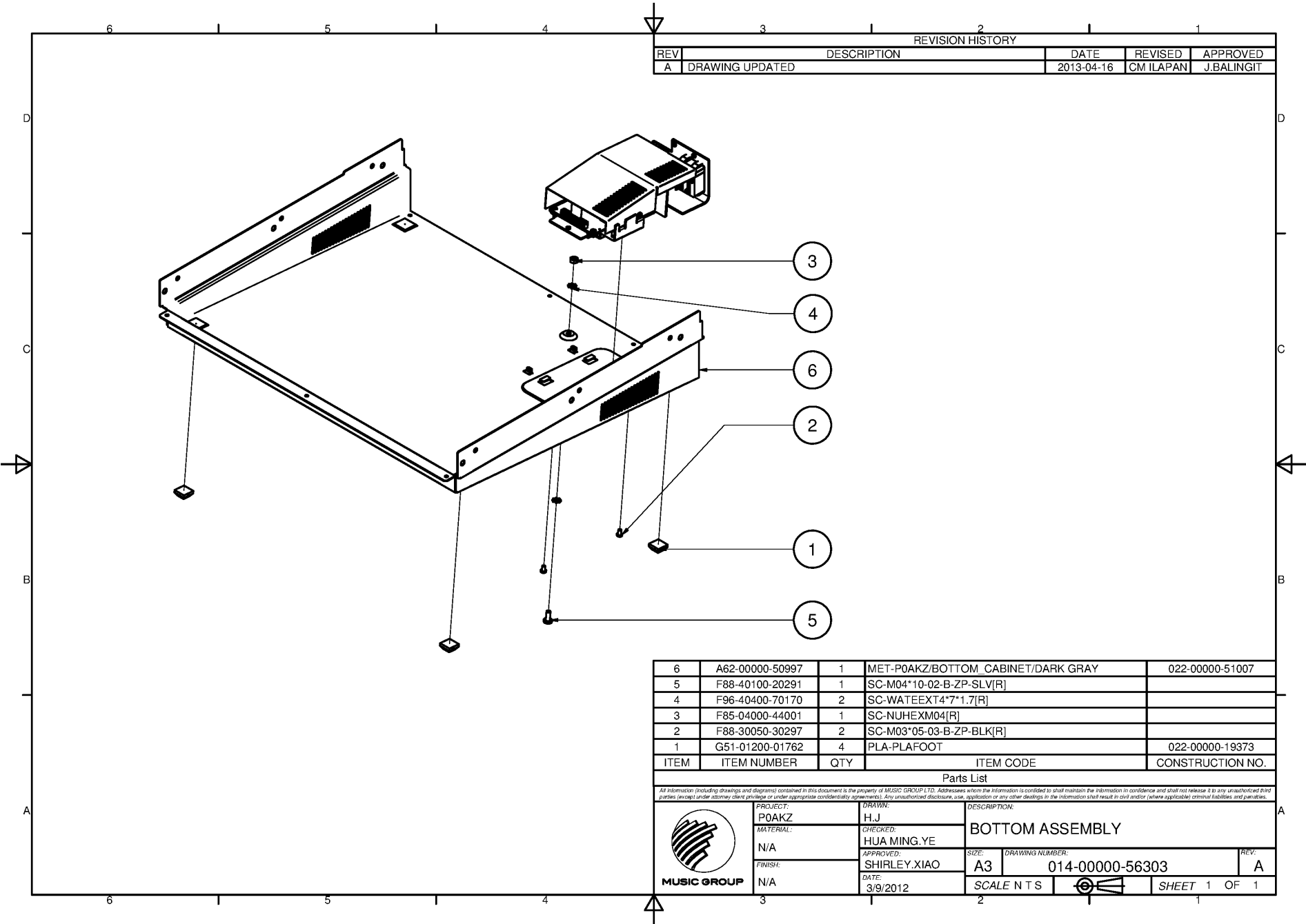


REVISION HISTORY				
REV	DESCRIPTION	DATE	REVISED	APPROVED
A	DRAWING UPDATED	2013-04-29	CM ILAPAN	J.BALINGIT

11	I40-00000-69043	1	PA-MAST.CART./P0AKZ	022-00000-51689
10	I46-00000-69037	1	PA-GIFTBOX/P0AKZ	022-00000-51688
9	G28-20190-26019	1	PLA-POLYBAG19*26[R]	
8	G53-00000-63999	1	PLA-P0000/HANDLE/BK	022-02000-41190
7	G53-00000-64000	1	PLA-P0000/HANDLE BASE/BK	022-02000-41191
6	F91-02020-05792	1	MI-SILICAGEL20G-4	
5	G28-20090-14010	1	PLA-POLYBAG09*14[R]	
4	A54-00000-76354	1	MAN-QSG/P0AKX/WW	017-00000-76353
3	A76-15212-03119	1	X-ACEU/POLY	
2	G25-00000-51672	1	PLA-P0AKW/POLYFOAM/RIGHT	022-00000-51666
1	G25-00000-51670	1	PLA-P0AKW/POLYFOAM/LEFT	022-00000-51665
ITEM	ITEM NUMBER	QTY	ITEM CODE	CONSTRUCTION NO.

MECHANICAL PARTS LIST				
PROJECT		DRAWN		
P0AKZ		QX.WU		
DATE		CHECKED		
N/A		HUA MING.YE		
APPROVED		SHIRLEY.XIAO		
DATE		9/12/2012		
PROJECT		DESCRIPTION		
P0AKZ		PACKAGING ASSEMBLY		
SIZE		DRAWING NUMBER		
A2		014-00000-67675		
SCALE		N T S		
SHEET		1 OF 1		





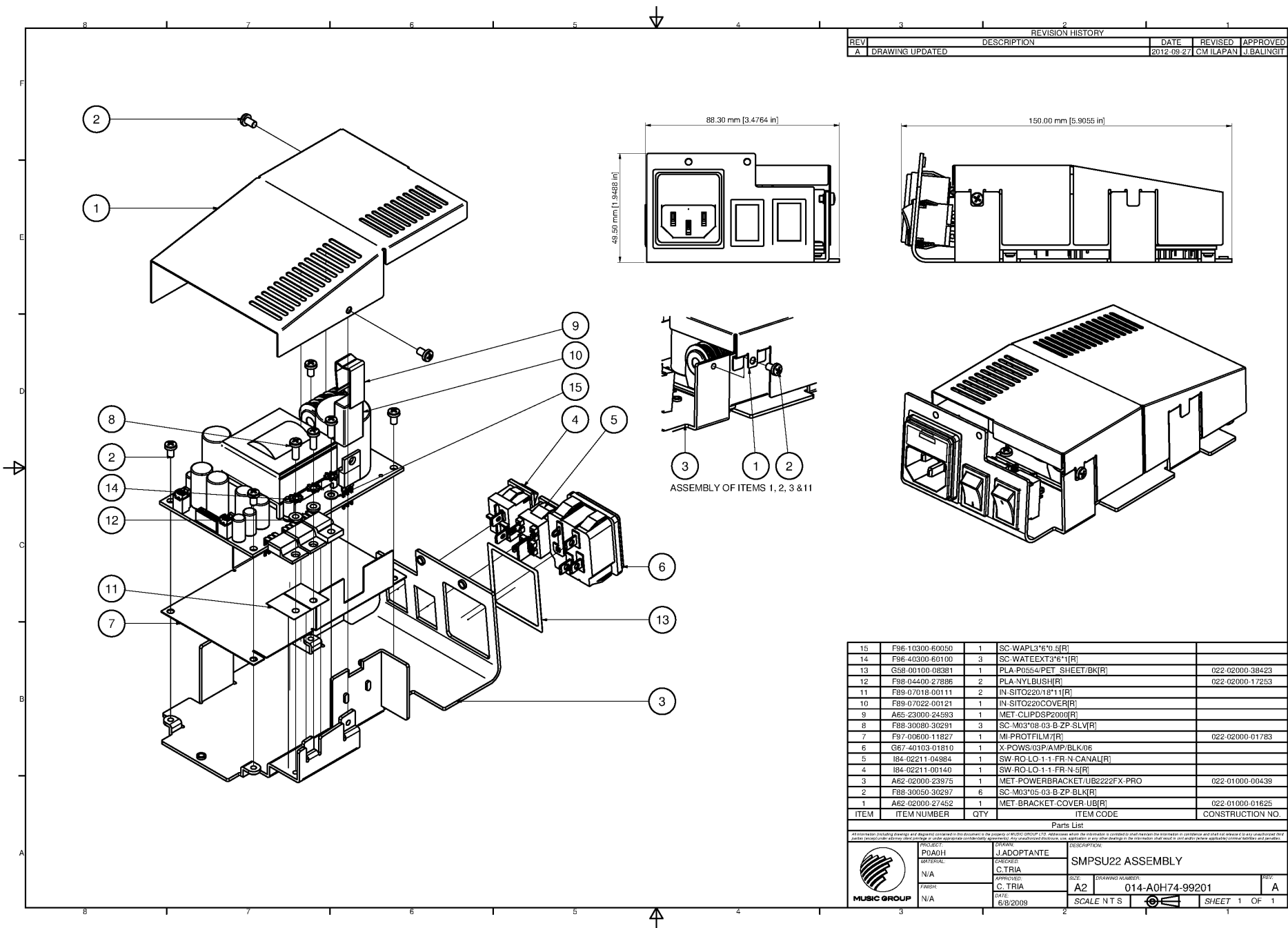
REVISION HISTORY				
REV	DESCRIPTION	DATE	REVISED	APPROVED
A	DRAWING UPDATED	2013-04-16	CM ILAPAN	J.BALINGIT

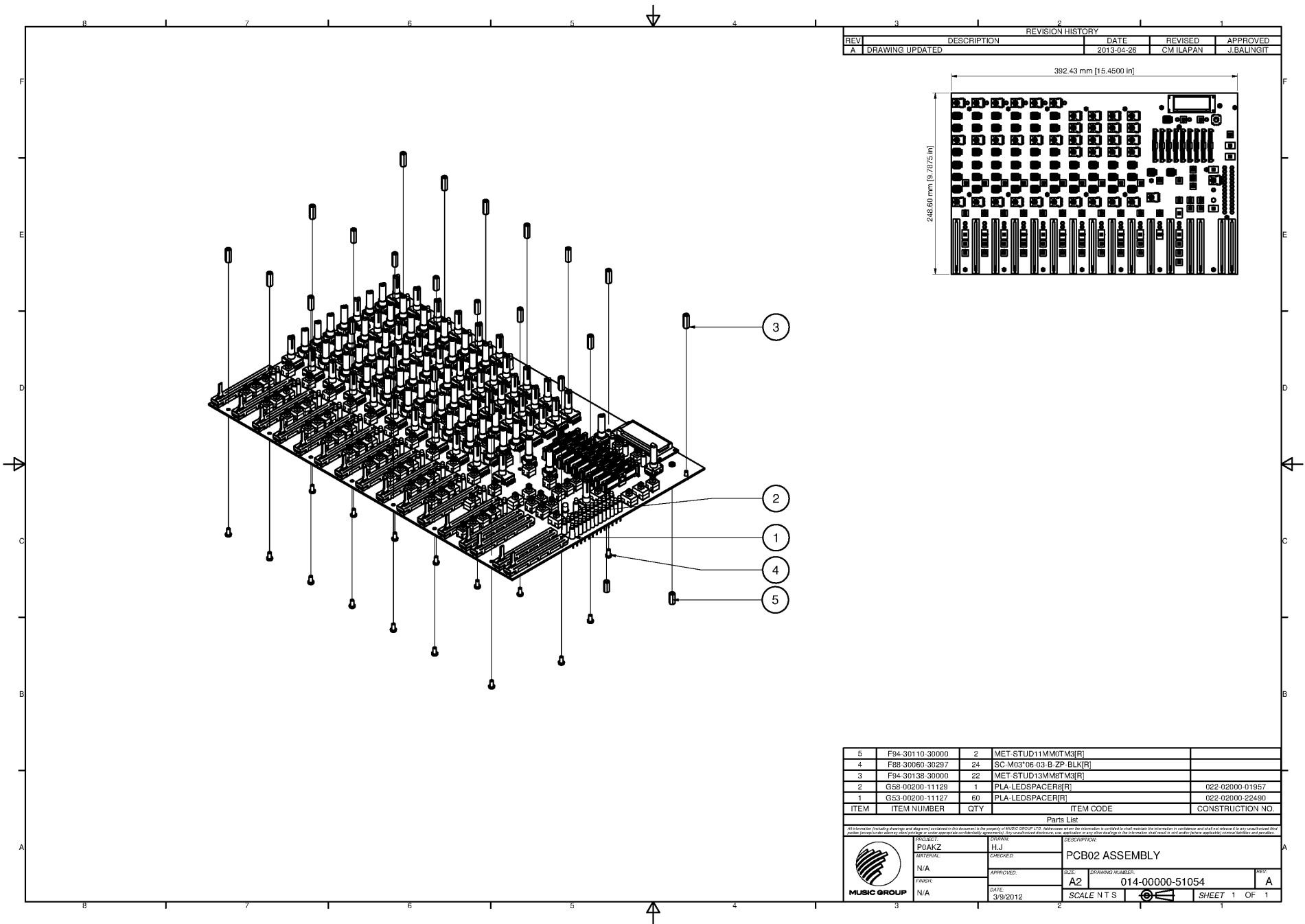
6	A62-00000-50997	1	MET-P0AKZ/BOTTOM CABINET/DARK GRAY	022-00000-51007
5	F88-40100-20291	1	SC-M04*10-02-B-ZP-SLV[R]	
4	F96-40400-70170	2	SC-WATEEXT4*7*1.7[R]	
3	F85-04000-44001	1	SC-NUHEXM04[R]	
2	F88-30050-30297	2	SC-M03*05-03-B-ZP-BLK[R]	
1	G51-01200-01762	4	PLA-PLAFOOT	022-00000-19373
ITEM	ITEM NUMBER	QTY	ITEM CODE	CONSTRUCTION NO.

Parts List

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 MUSIC GROUP	PROJECT: P0AKZ	DRAWN: H.J	DESCRIPTION: BOTTOM ASSEMBLY	
	MATERIAL: N/A	CHECKED: HUA MING.YE		
	APPROVED: SHIRLEY.XIAO	DATE: 3/9/2012	SIZE: A3	DRAWING NUMBER: 014-00000-56303
	FINISH: N/A		SCALE N T S	SHEET 1 OF 1
				REV: A

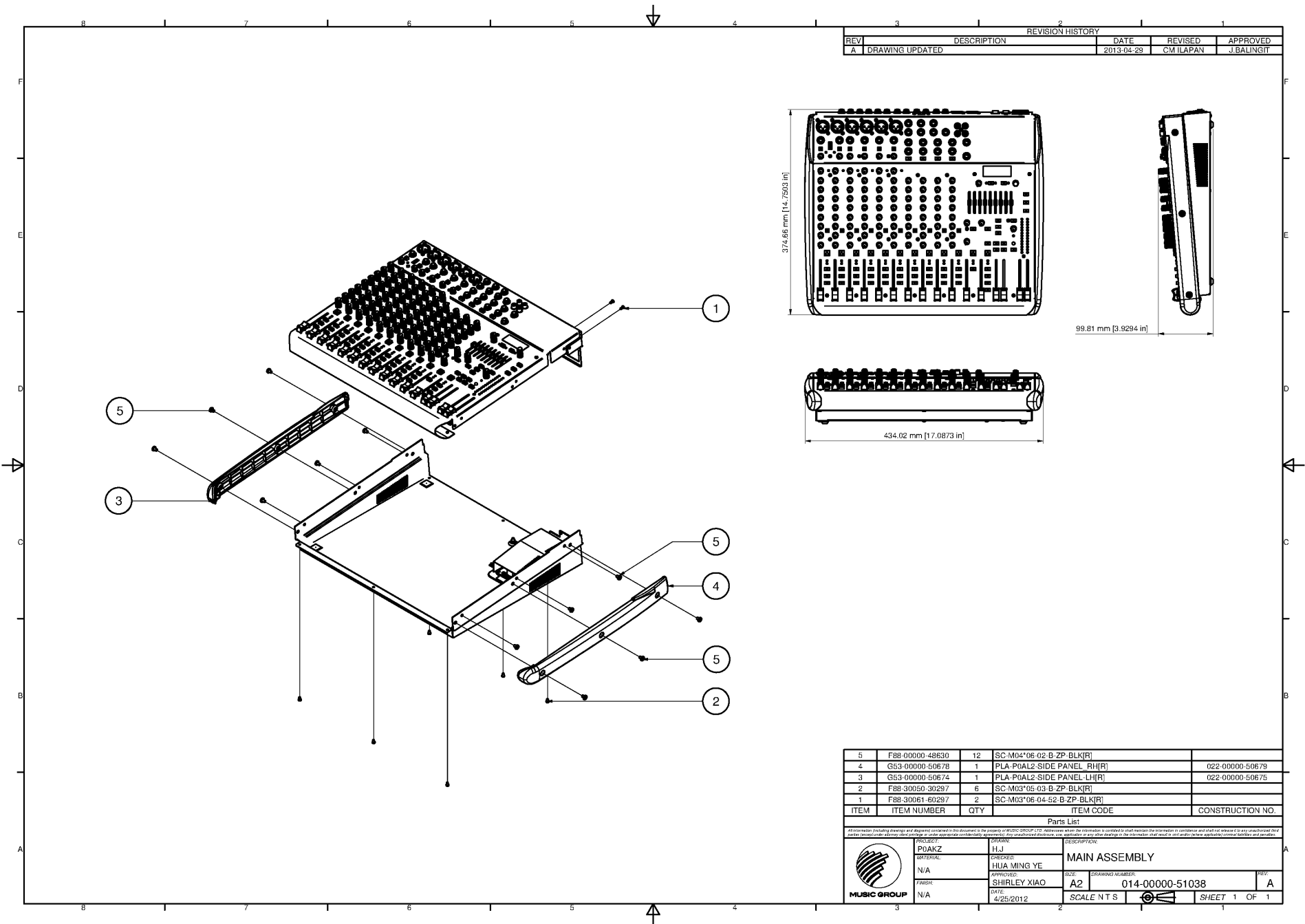




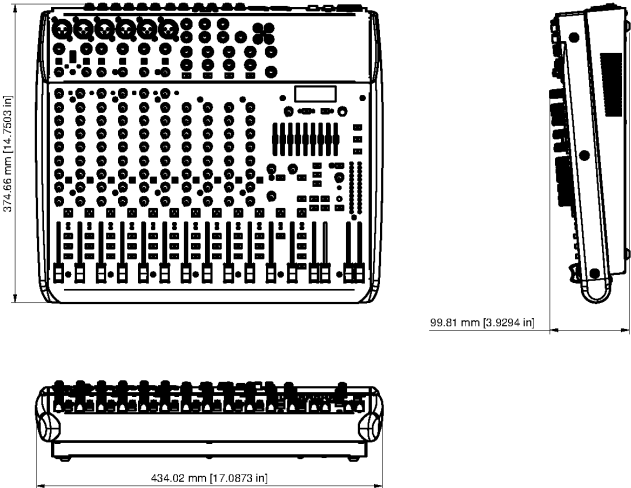
REVISION HISTORY				
REV	DESCRIPTION	DATE	REVISED	APPROVED
A	DRAWING UPDATED	2013-04-26	CM ILAPAN	J.BALINGIT

5	F94-30110-30000	2	MET-STUD1MM0TM3[R]	
4	F88-30060-30297	24	SC-M03*06-03-B-ZP-BLK[R]	
3	F94-30138-30000	22	MET-STUD13MM8TM3[R]	
2	G58-00200-11129	1	PLA-LEDSPACER[R]	022-02000-01957
1	G53-00200-11127	60	PLA-LEDSPACER[R]	022-02000-22490
ITEM	ITEM NUMBER	QTY	ITEM CODE	CONSTRUCTION NO.

Parts List			
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	PROJECT:	DESCRIPTION:	
	POAK2	HW	PCB02 ASSEMBLY
	DRAWN:	CHECKED:	
	APPROVED:	DATE:	
	DATE:	DATE:	
SCALE N T S		SHEET 1 OF 1	



REVISION HISTORY				
REV	DESCRIPTION	DATE	REVISED	APPROVED
A	DRAWING UPDATED	2013-04-29	CM ILAPAN	J.BALINGIT



5	F88-00000-48630	12	SC-M04*06-02-B-ZP-BLK[R]	
4	G53-00000-50678	1	PLA-P0AL2-SIDE PANEL-RH[R]	022-00000-50679
3	G53-00000-50674	1	PLA-P0AL2-SIDE PANEL-LH[R]	022-00000-50675
2	F88-30050-30297	6	SC-M03*05-03-B-ZP-BLK[R]	
1	F88-30061-60297	2	SC-M03*06-04-52-B-ZP-BLK[R]	
ITEM	ITEM NUMBER	QTY	ITEM CODE	CONSTRUCTION NO.

Parts List			
PROJECT		DRAWN	
P0AKZ		H.J	
CHECKED		HUA MING YE	
N/A		APPROVED	
SHIRLEY XIAO		DATE	
N/A		4/25/2012	
DESCRIPTION		MAIN ASSEMBLY	
SIZE		DRAWING NUMBER	
A2		014-00000-51038	
SCALE		SHEET 1 OF 1	



We Hear You