



# Service Manual

Created: 13 January 2015



## X32

**40-Input, 25-Bus Digital Mixing Console with 32  
Programmable MIDAS Preamps, 25 Motorized Faders,  
Channel LCD's, 32-Channel Audio Interface and  
iPad/iPhone\* Remote Control**

Specifications .....	2
PCB Schematic .....	3
Parts List .....	74
Exploded Drawing .....	99

[behringer.com](http://behringer.com)



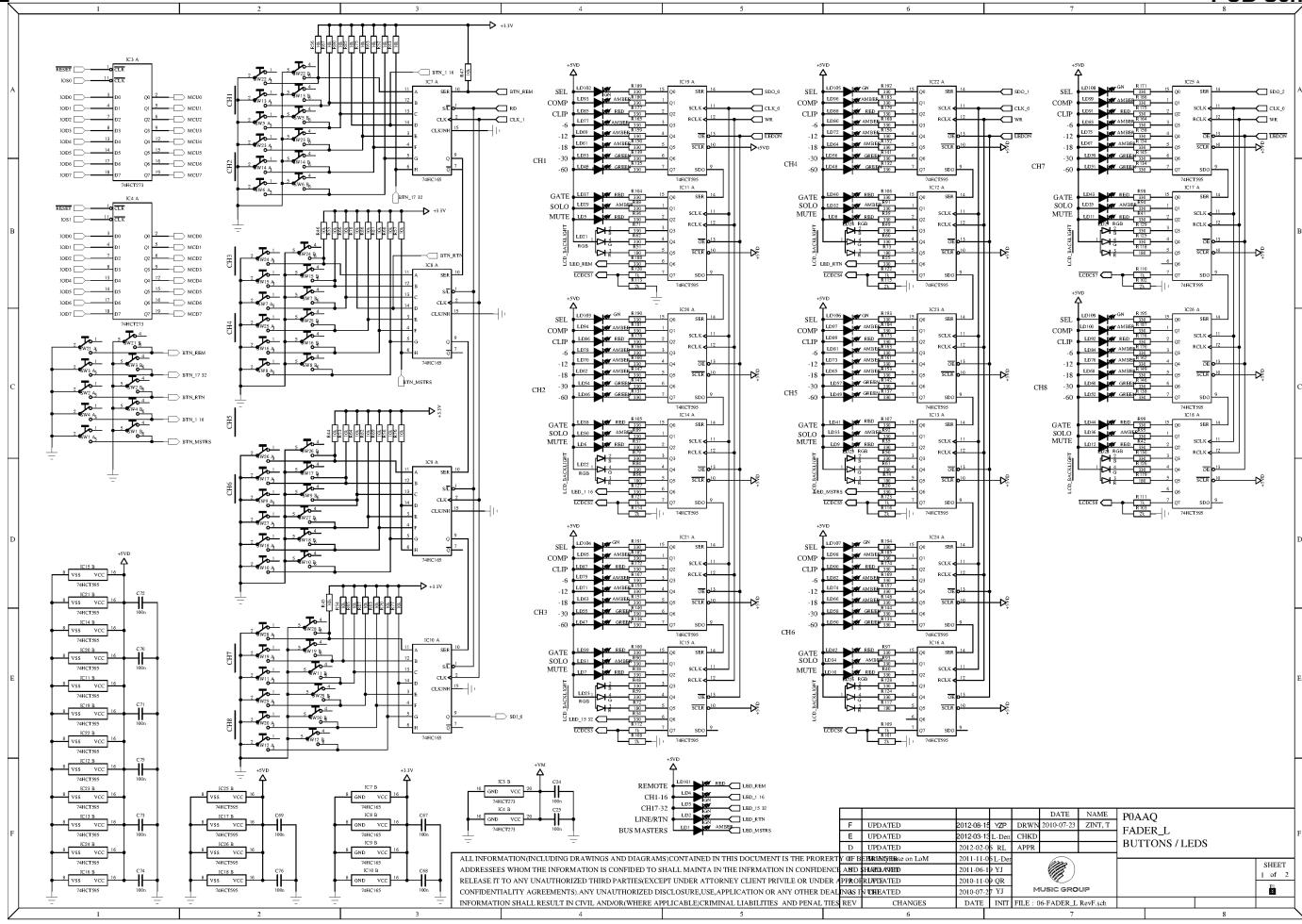
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# X32

## Specifications

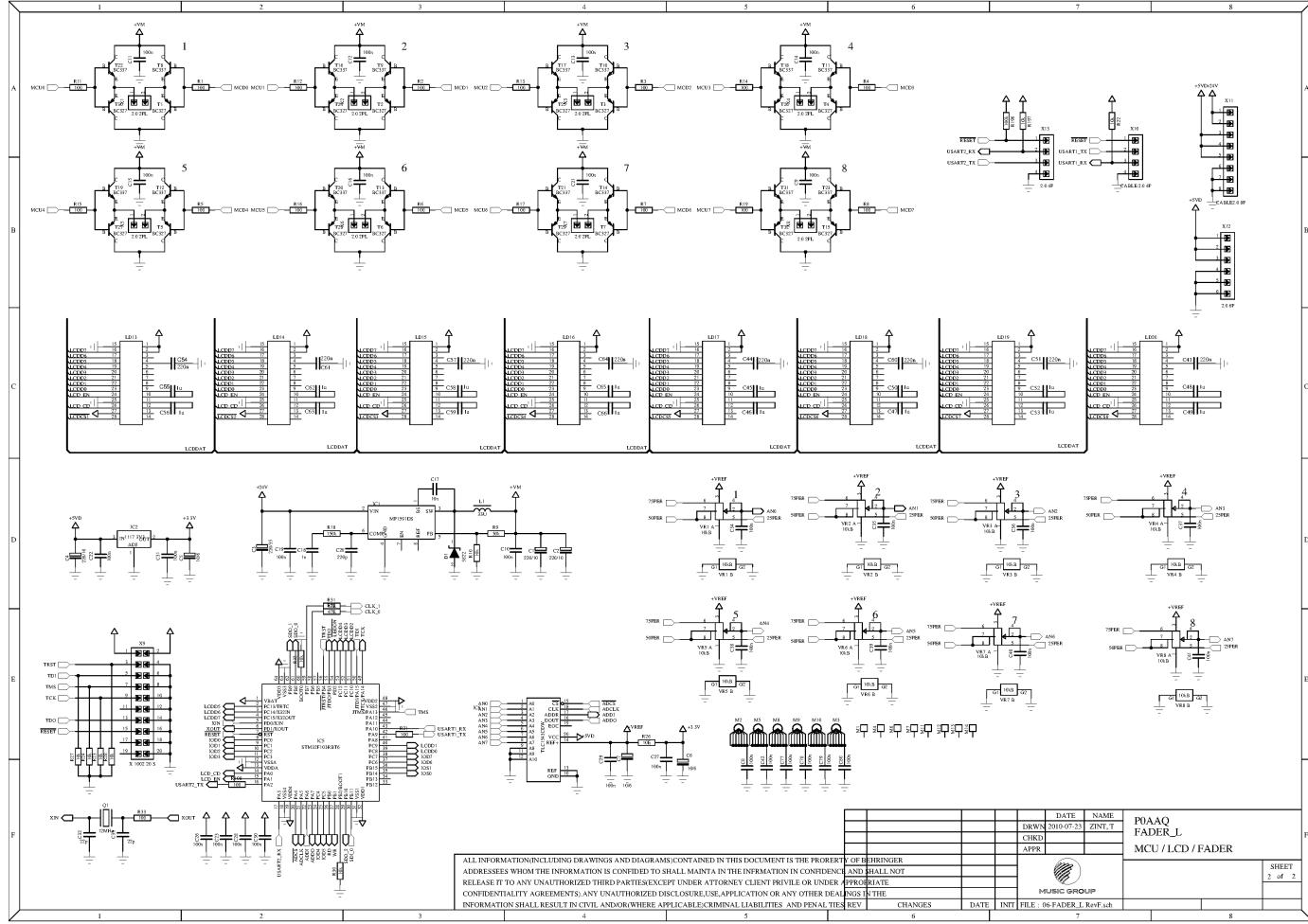
X32

## PCB Schematic



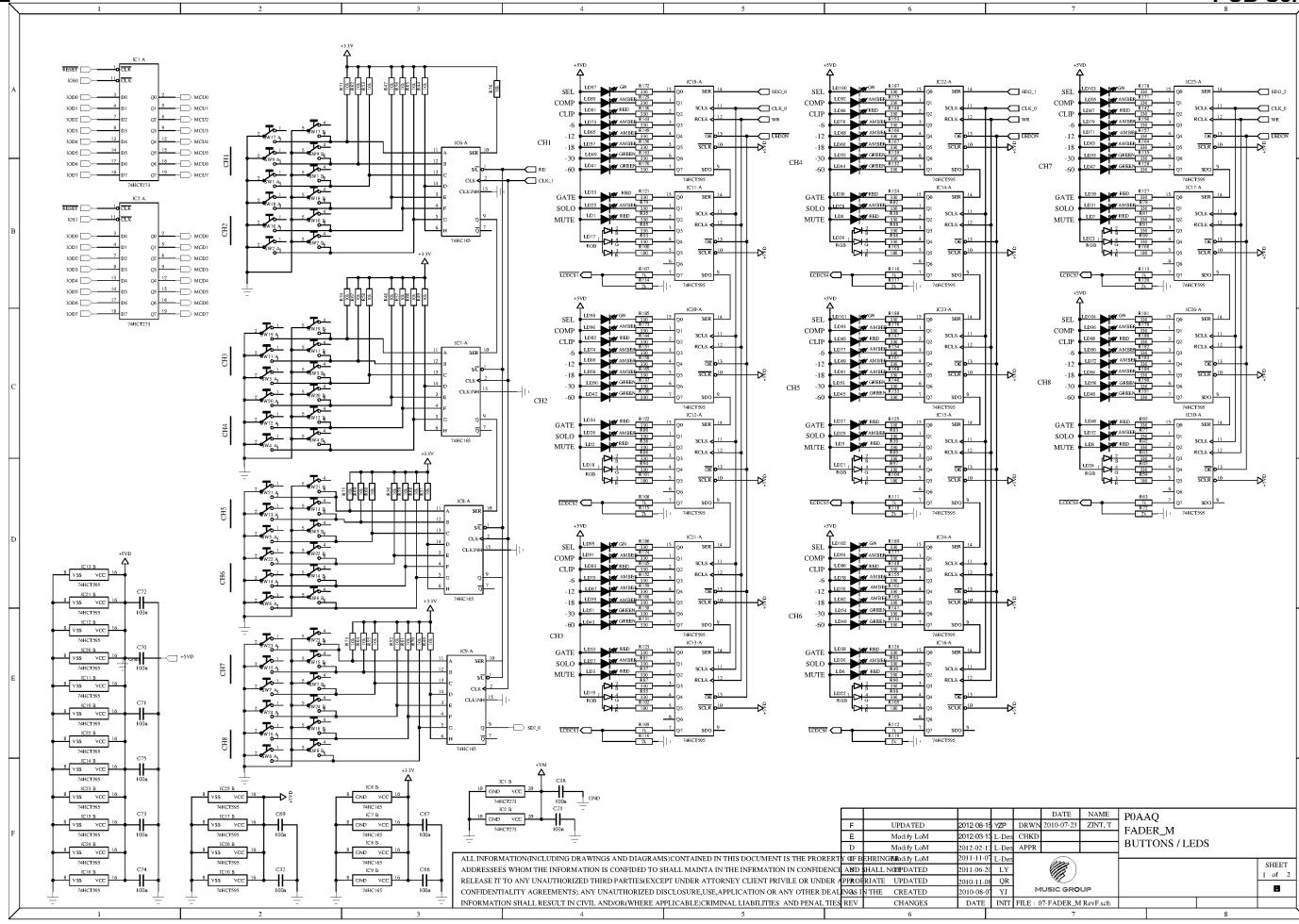
X32

## PCB Schematic



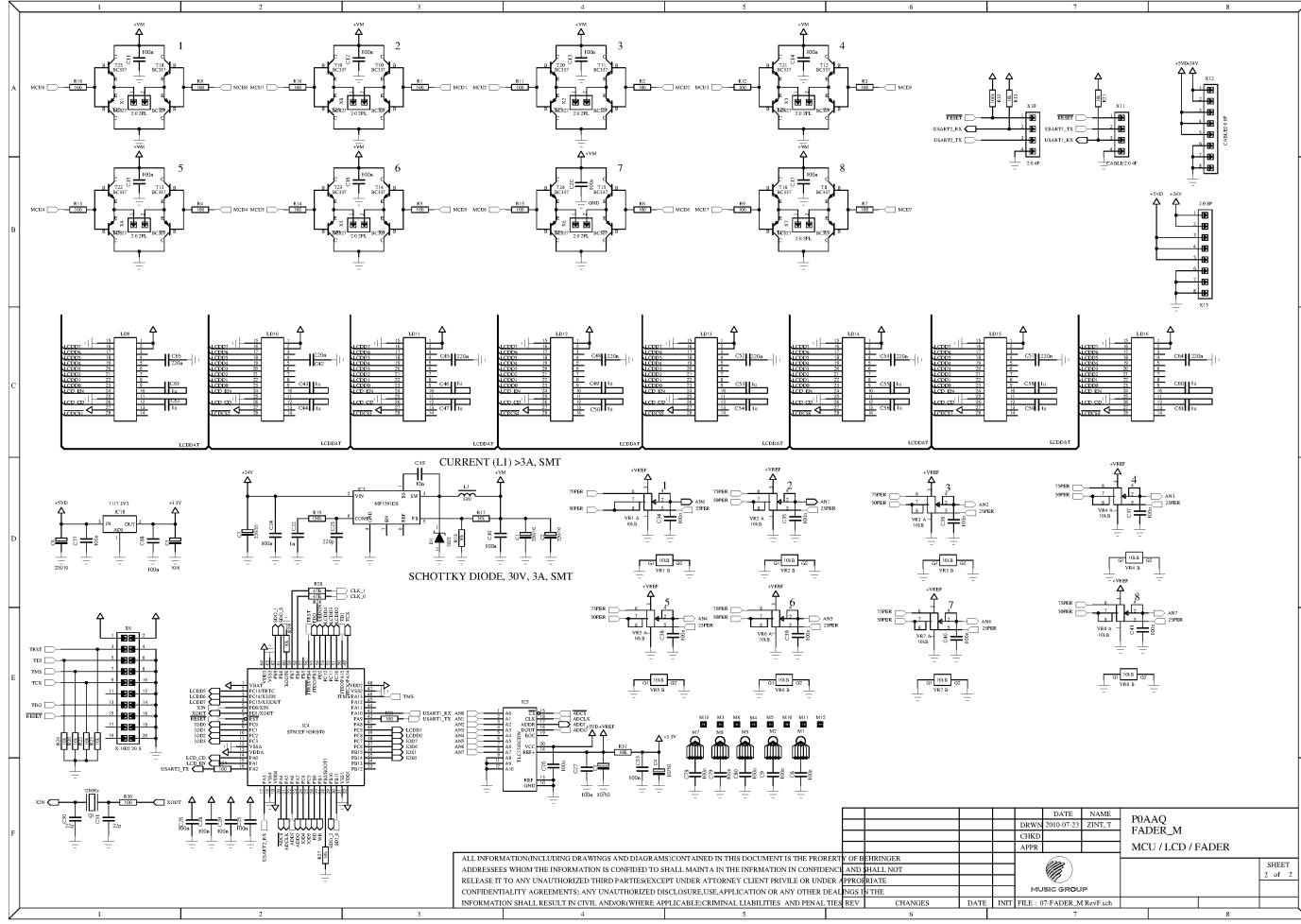
X32

## PCB Schematic



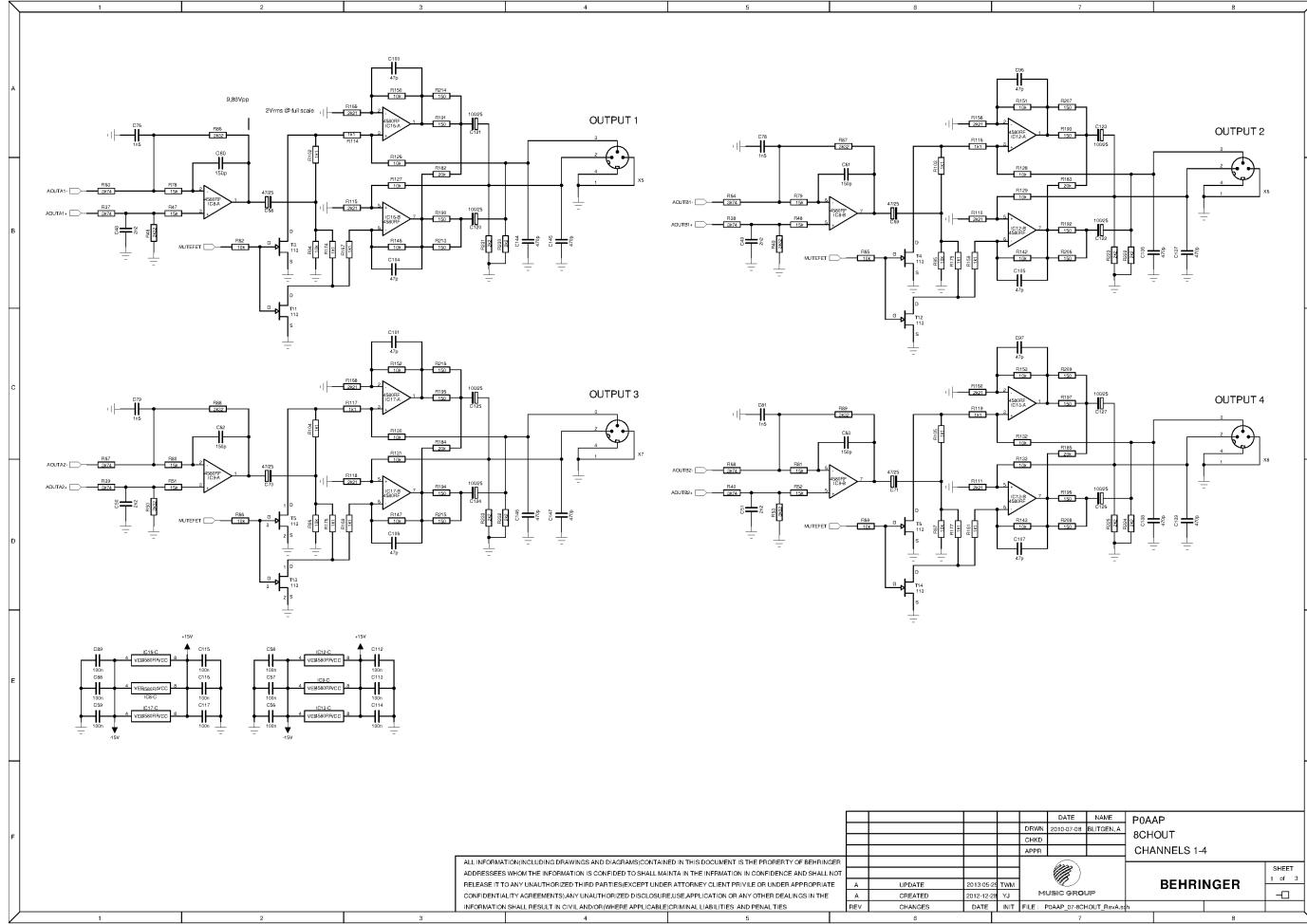
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	UPDATED	VER	DRAWN	NAME
F	2012-06-12	V2P	2010-07-21	ZINT_T
E	Mo+L,Lm	2012-05-11	CIRRD	
D	Mo+L,Lm	2012-01-11	S,Dm APPR	
C	S011-11-05	L,Dm		
B	S011-11-05	LY		
A	S011-11-05	QR		
MUSIC GROUP				

**X32****PCB Schematic**

X32

## PCB Schematic



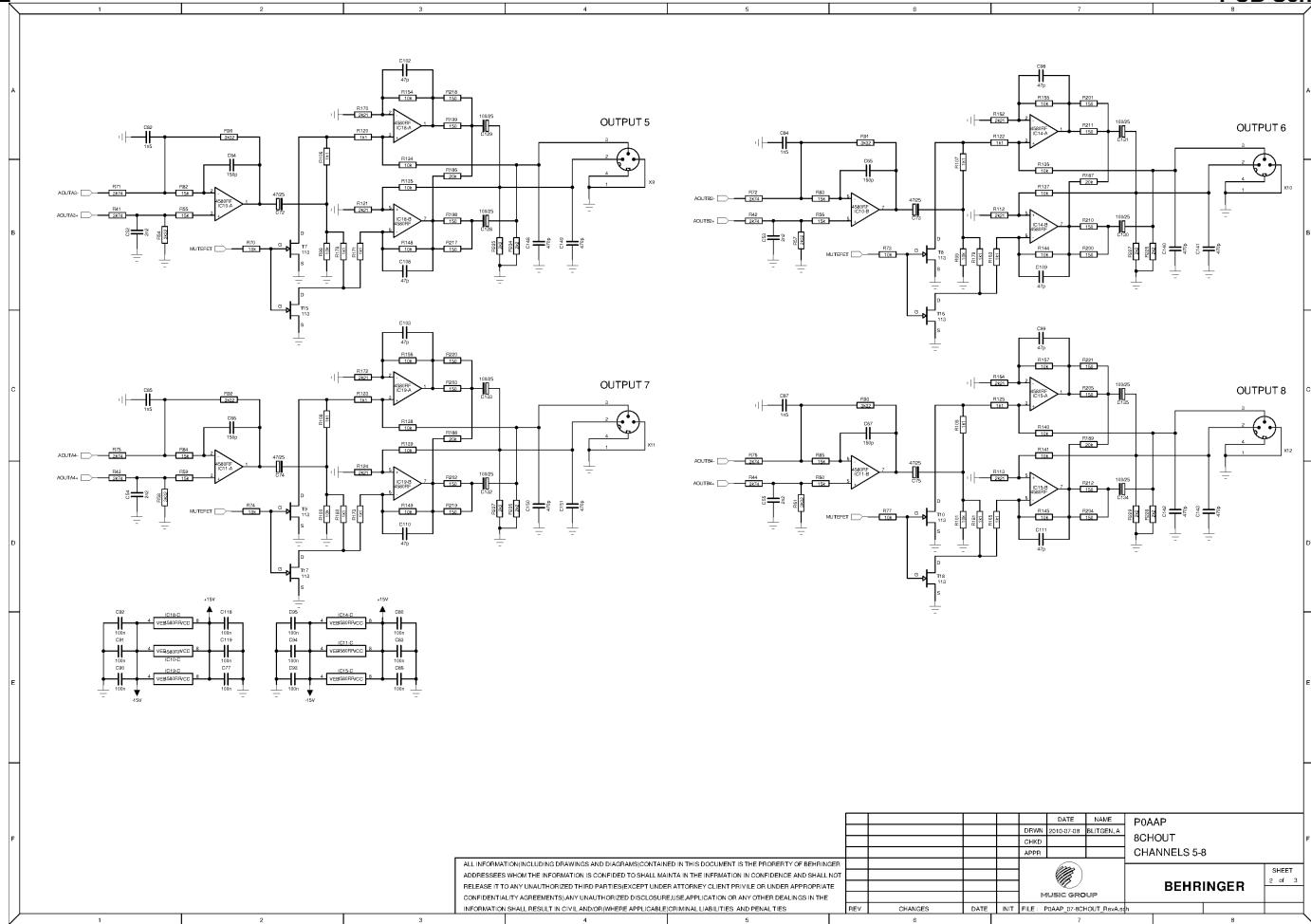
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		NAME		DATE	NAME
		DRAWN	CHGD	APPRV	REVIEWED
A	UPDATE	2013-05-22	TWJ		MUSIC GROUP
A	CREATED	2012-12-04	VJ		
REV.	CHANGES	DATE	INT	FILE	P0AAP_37.8CHOUT RevA.b3d

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## PCB Schematic



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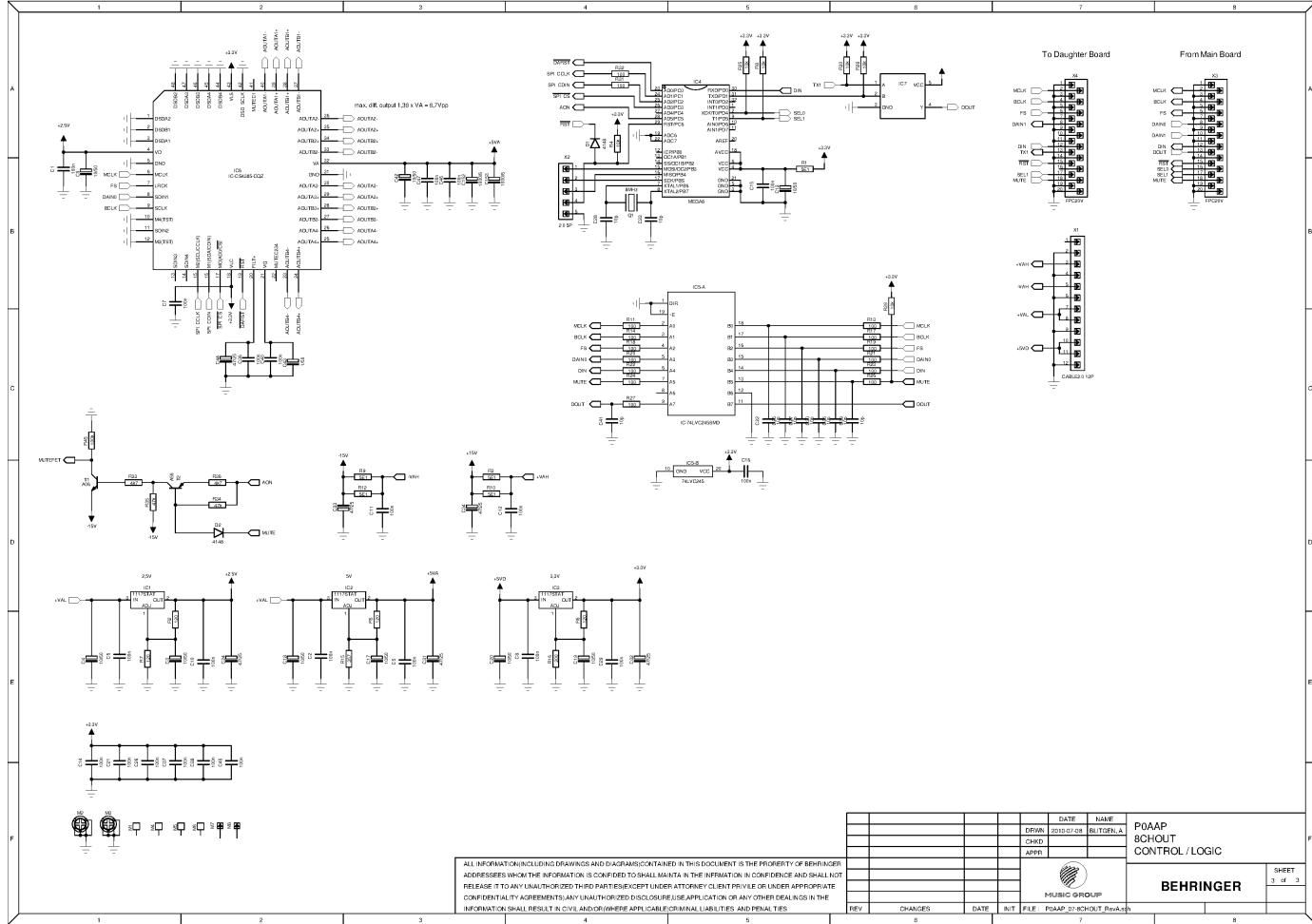
			DATE	NAME
			DRWn	2015-07-08
			CHEP	
			APPC	

MUSIC GROUP

<b>BEHRINGER</b>		SHEET 2 of 3
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X32

## PCB Schematic

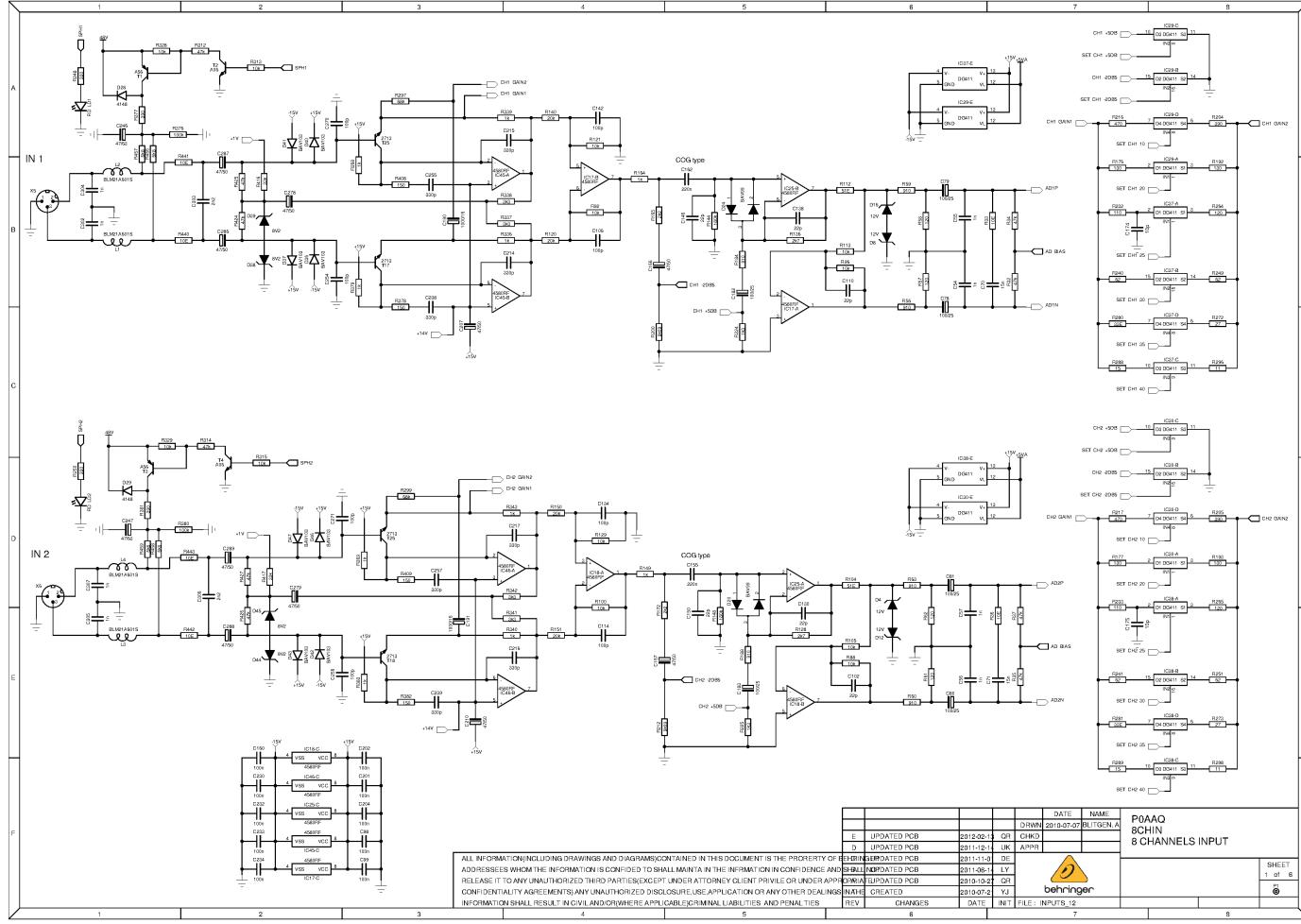


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REV.	CHANGES	DATE	INIT.	FILE	POAAP_078CHOUT RevA.bdf

X32

## PCB Schematic



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REV	CHANGES	DATE	INIT	FILE: INPUTS_12
E	UPDATED PCB	2010-02-5	QF	CH10
D	UPDATED PCB	2011-1-5	UK	AD1P

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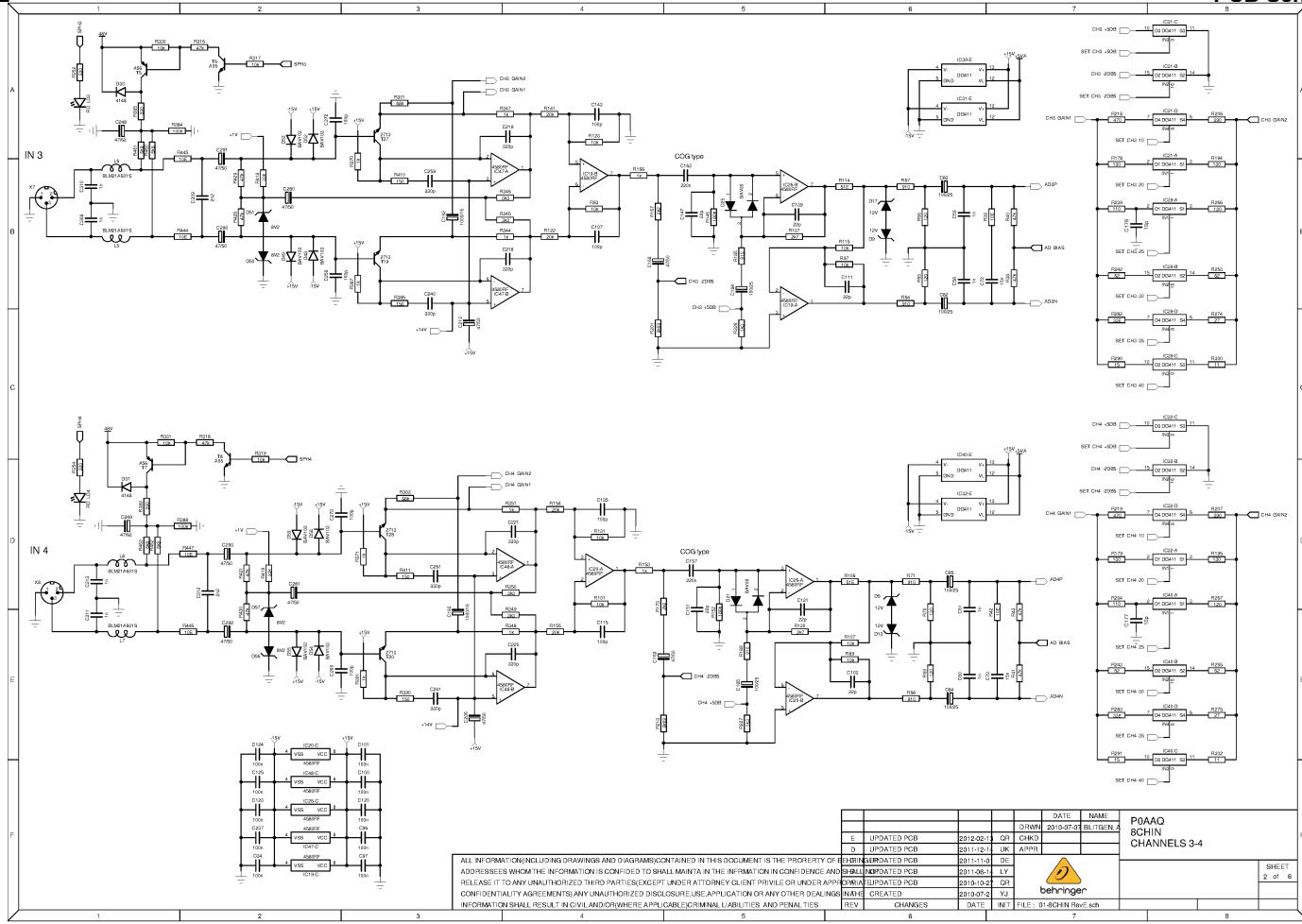
P0AAQ  
8CHIN  
8 CHANNELS INPUT



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## PCB Schematic

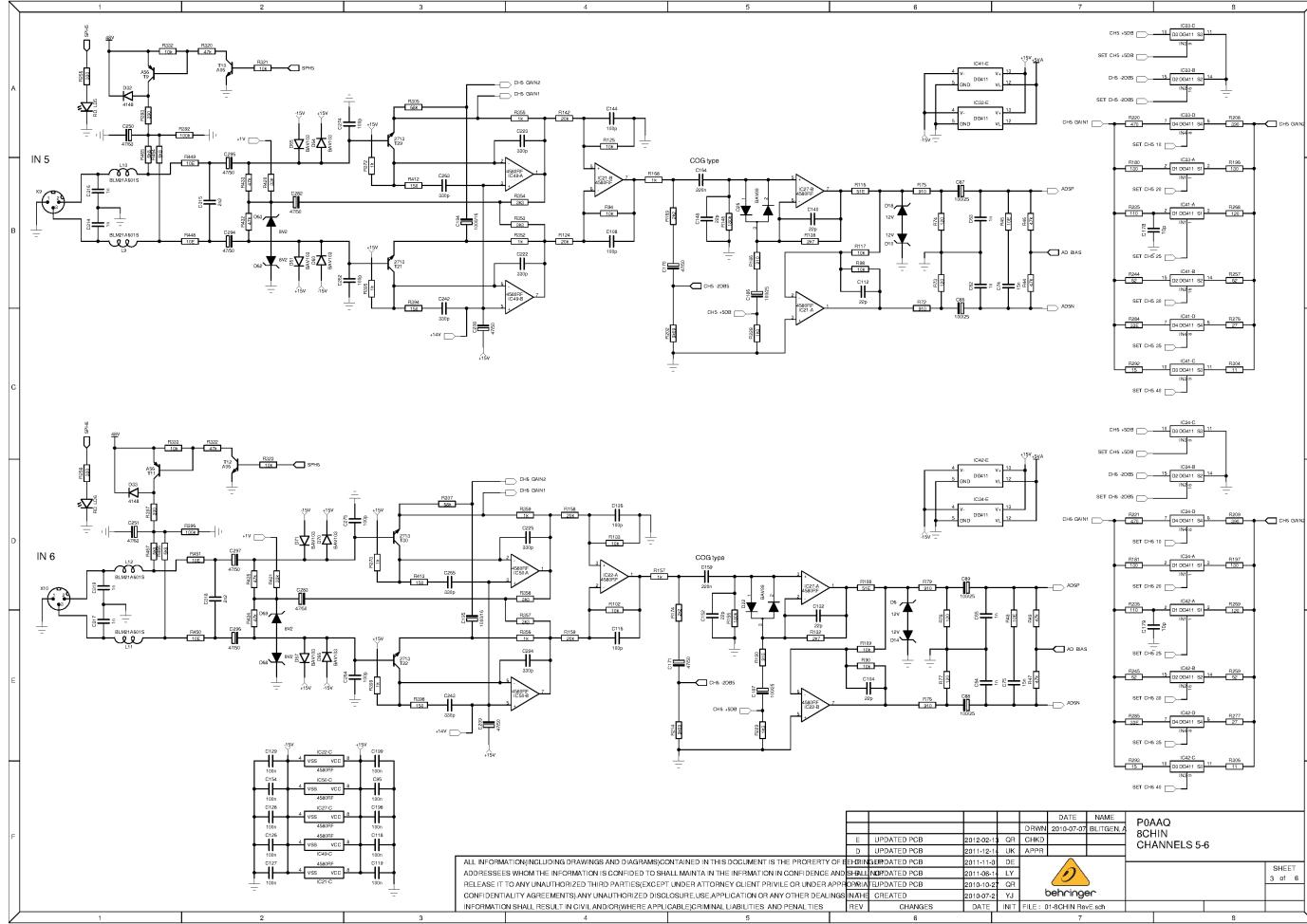


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REV	CHANGES	DATE	INIT	FILE
E	UPDATED PCB	2010-02-03	GR	P0AAQ
D	UPDATED PCB	2011-01-03	UK	8CHAN CHANNELS 3-4
B4	UPDATED PCB	2011-01-13	DE	behringer
A4	UPDATED PCB	2010-02-02	GR	
N4	CREATED	2010-07-23	VJ	

X32

## PCB Schematic

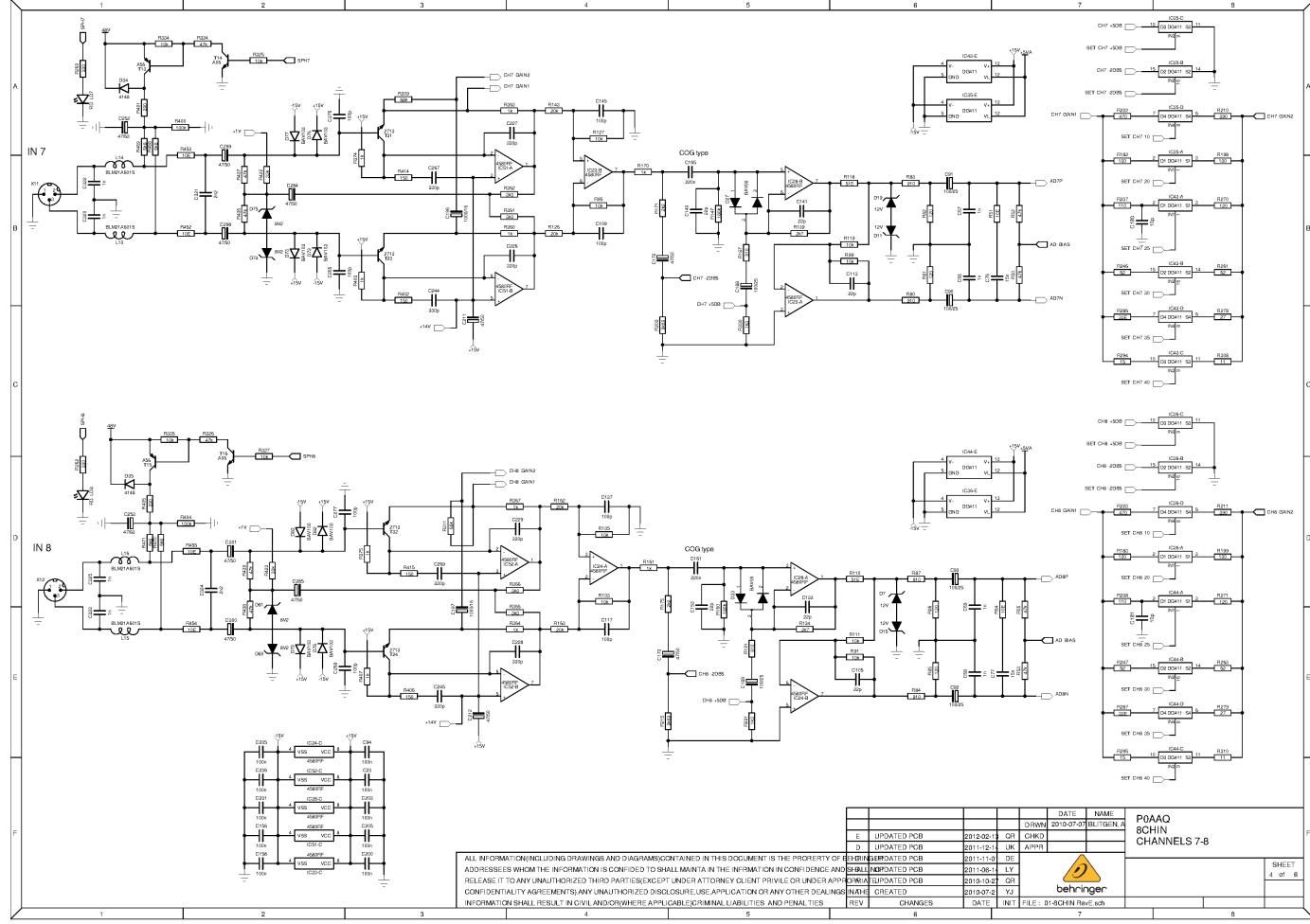


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			DATE:	NAME:
E	UPDATED PCB	2012-02-03	09	DHRW 2012-02-07 BLUTGEN A
D	UPDATED PCB	2011-02-03	09	UK ALPHE
B	UPDATED PCB	2011-02-03	09	UK ALPHE
A	UPDATED PCB	2011-06-01	LY	BEHRINGER
C	UPDATED PCB	2010-10-21	09	UK ALPHE
F	CREATED	2010-07-23	VJ	
G	REV. CHANGES		DATE: INITI. FILE: DI-ROHN Rev.6	
H			SHEET 3 of 6	

X32

## PCB Schematic



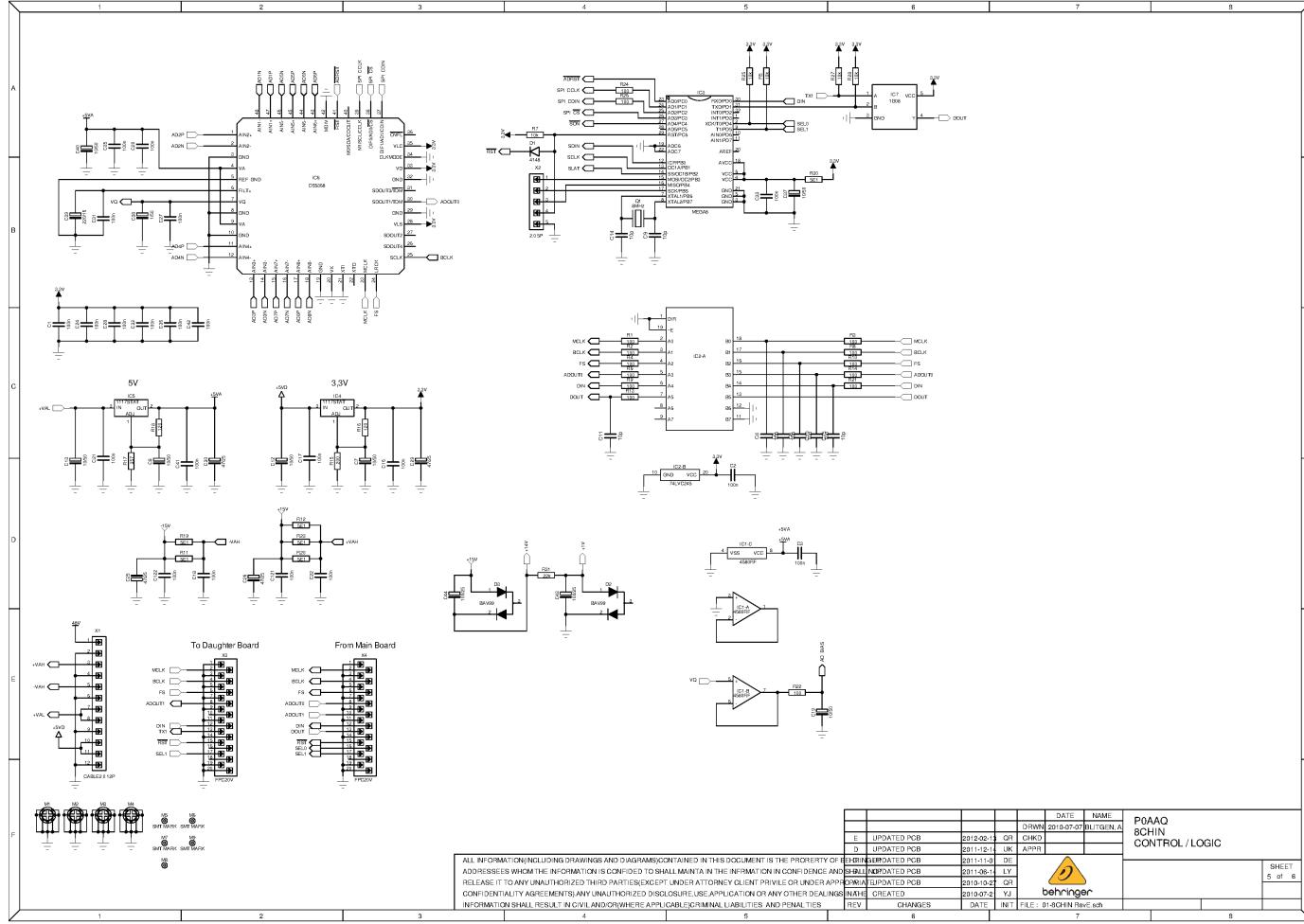
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REV	CHANGES	DATE	NAME	DATE	NAME
E	UPDATED PCB	2010-07-07	DRWW	2010-07-07	BL/TGEN_A
D	UPDATED PCB	2011-01-05	UK_AIRPORT		
B	UPDATED PCB	2011-01-13	DE		
A	UPDATED PCB	2011-06-11	LY		
C	UPDATED PCB	2010-10-21	GR		
I	CREATED	2010-07-23	VJ		

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## PCB Schematic

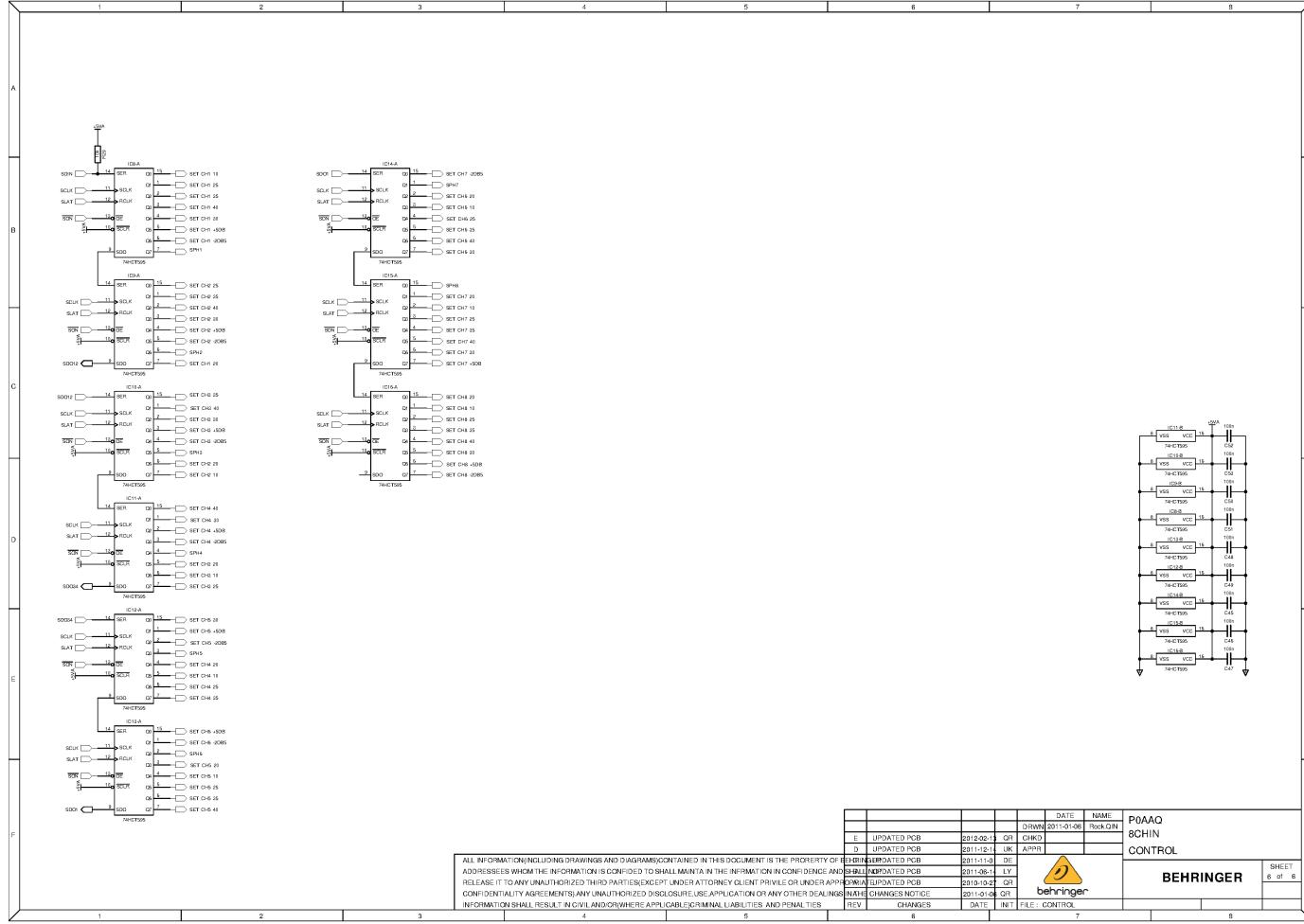


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			DATE:	NAME:
E	UPDATED PCB	2010-08-3	DRW	2010-07-07 BU/TECH-A
D	UPDATED PCB	2011-1-2	UK APRO	
B	UPDATED PCB	2011-1-2	DE	
A	UPDATED PCB	2010-08-3	LY	
C	UPDATED PCB	2010-08-3	GR	
BEHRINGER				
REV	CHANGES	DATE	INIT	FILE: B1-R0HN Rev.C0
				SHEET 5 of 6

X32

## PCB Schematic

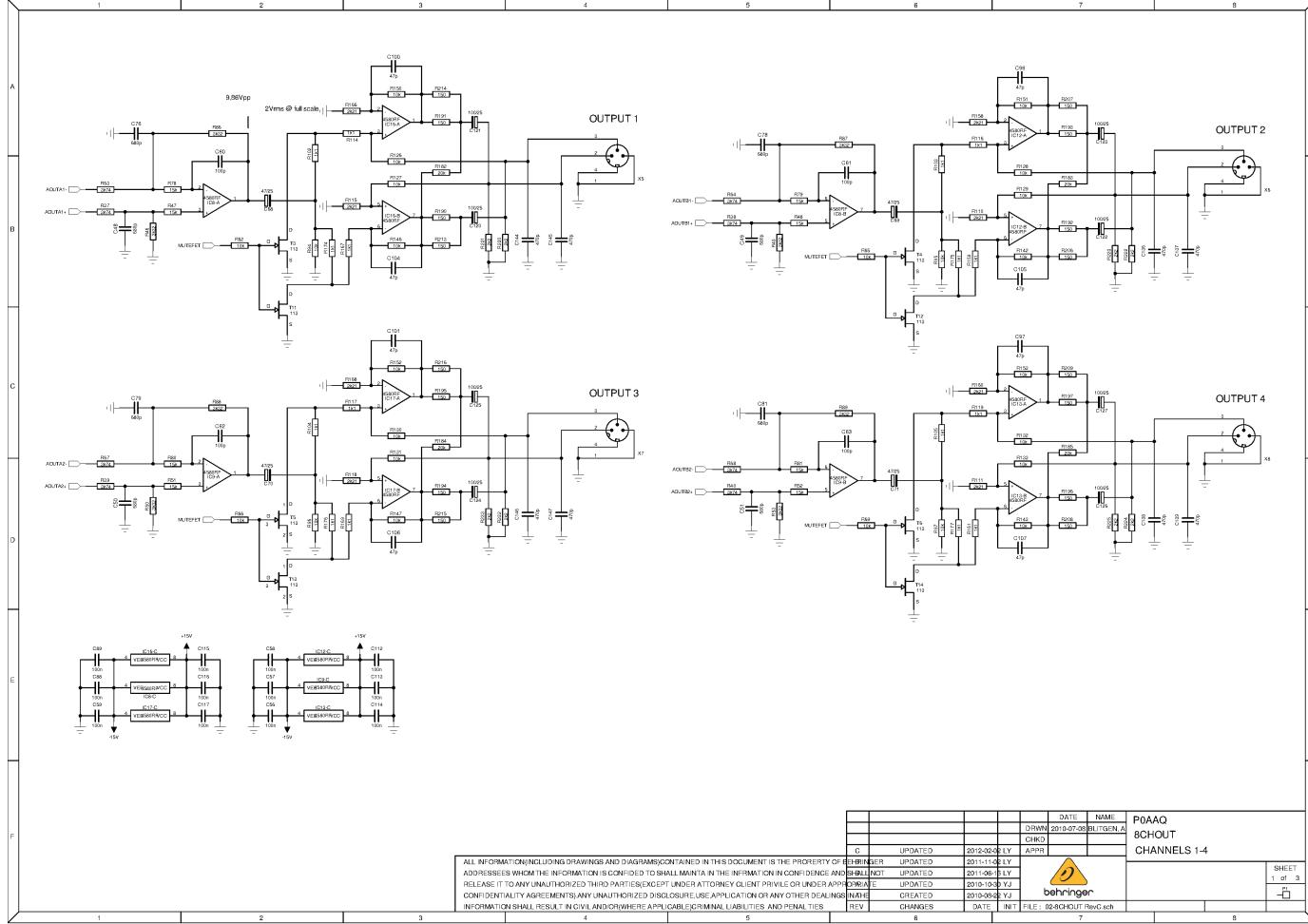


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			DATE:	NAME:
			D1WW	2011-01-06 Rock'n'Roll
E	UPDATED PCB	2012-02-5	GR	CIRCUIT
D	UPDATED PCB	2011-01-6	UK	AMPS
				CONTROL
				BEHRINGER
				SHEET 6 of 6

X32

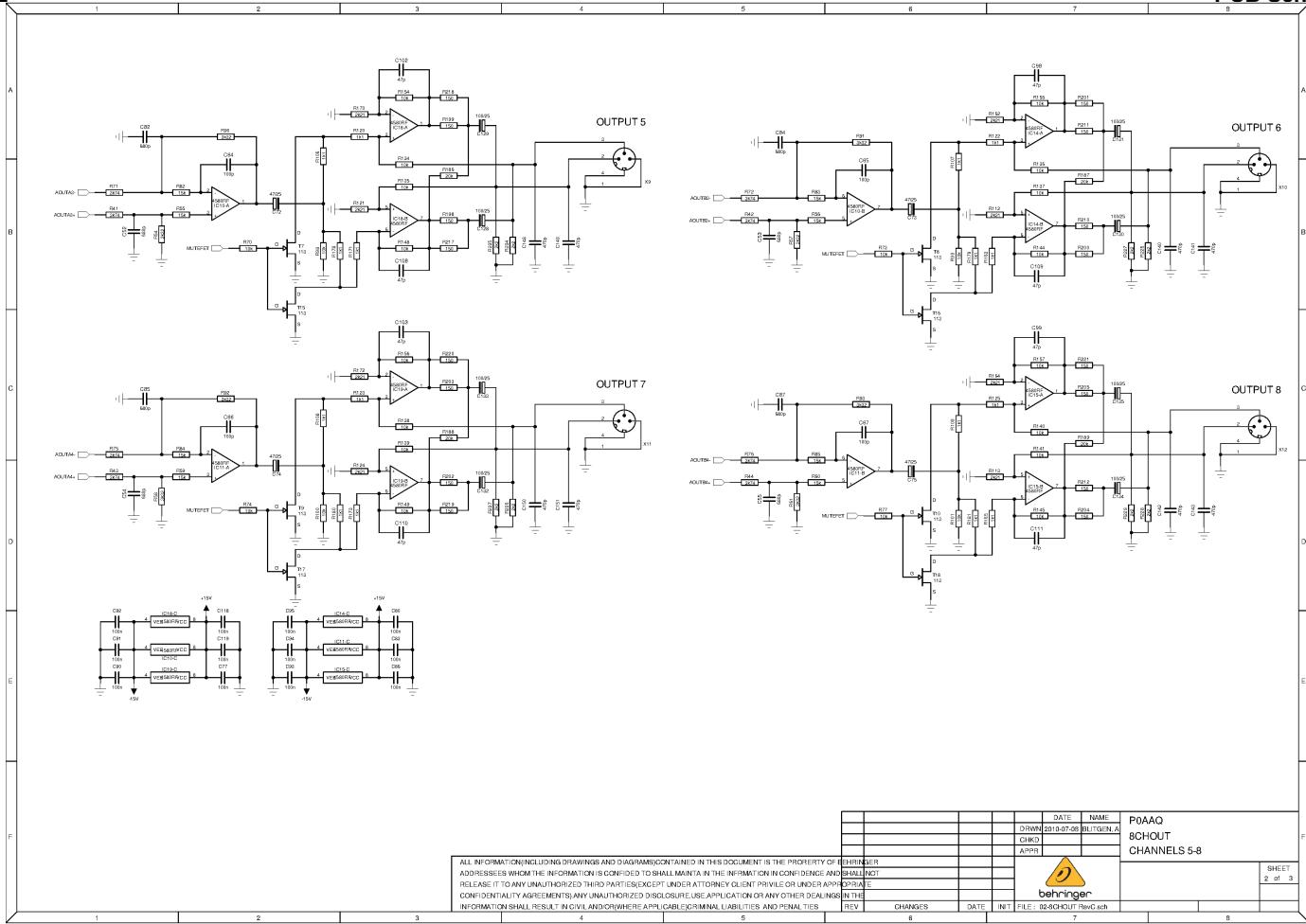
## PCB Schematic



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		DATE	NAME
		2010-07-08	BU/TECH-A
C	UPDATED	2011-02-08 LY	CHRD
B	UPDATED	2011-11-12 LY	CHRD
A	UPDATED	2011-06-03 LY	CHRD
D	UPDATED	2010-10-09 YJ	YAH
REV		CHANGES	DATE INIT FILE: B2-8CHOUT RevC Tech

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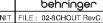
**X32****PCB Schematic**

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P0AAQ  
8CHOUT  
CHANNELS 5-8



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DATE: 2019-07-09

NAME: BEHRINGER

DRW#:

CH#:

AMP#:

OPCODE:

IN THE

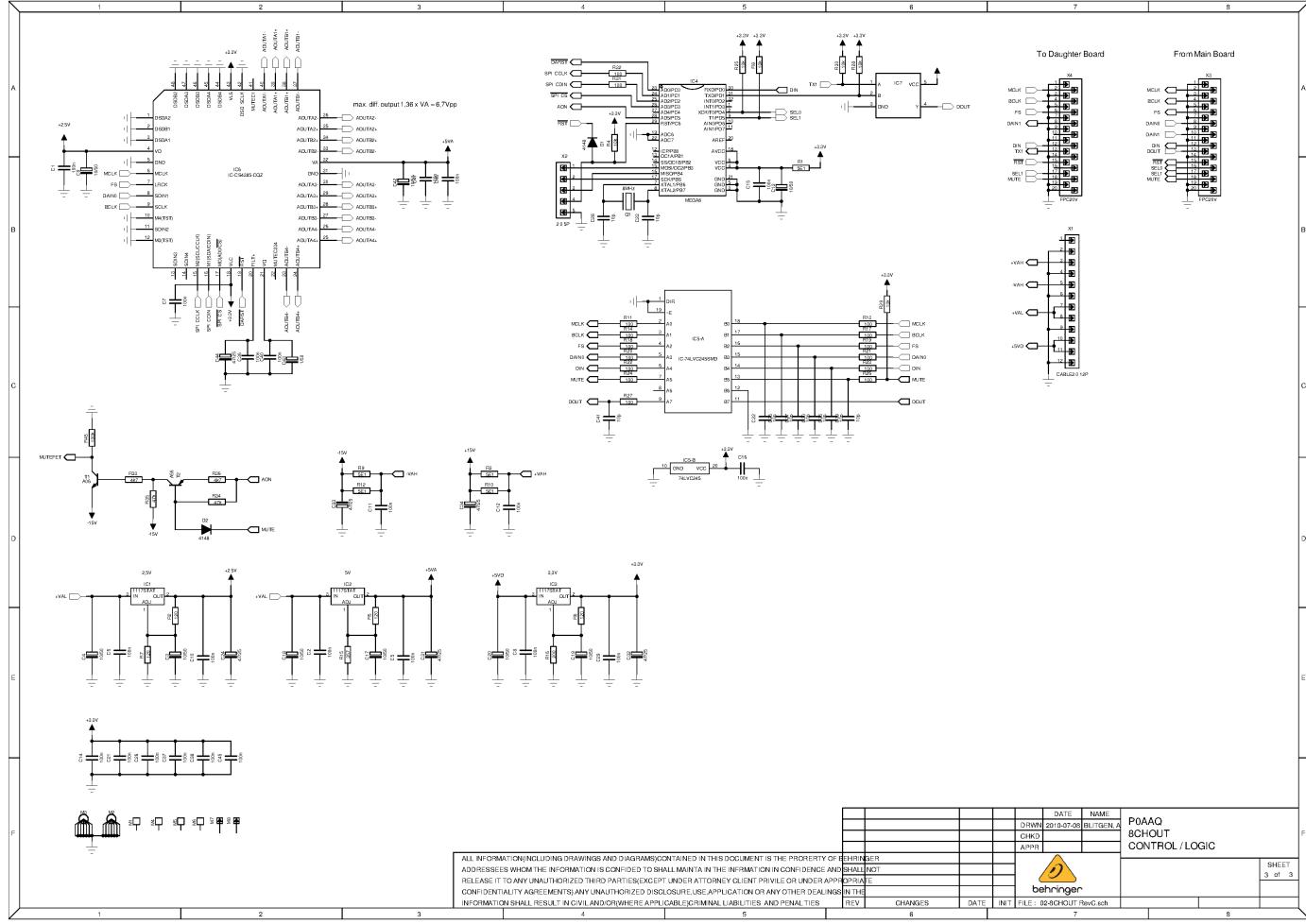
REV: 1

CHANGES: DATE: INIT: FILE: 02-8CHOUT Rev.Cech

SHEET: 2 of 3

X32

## PCB Schematic

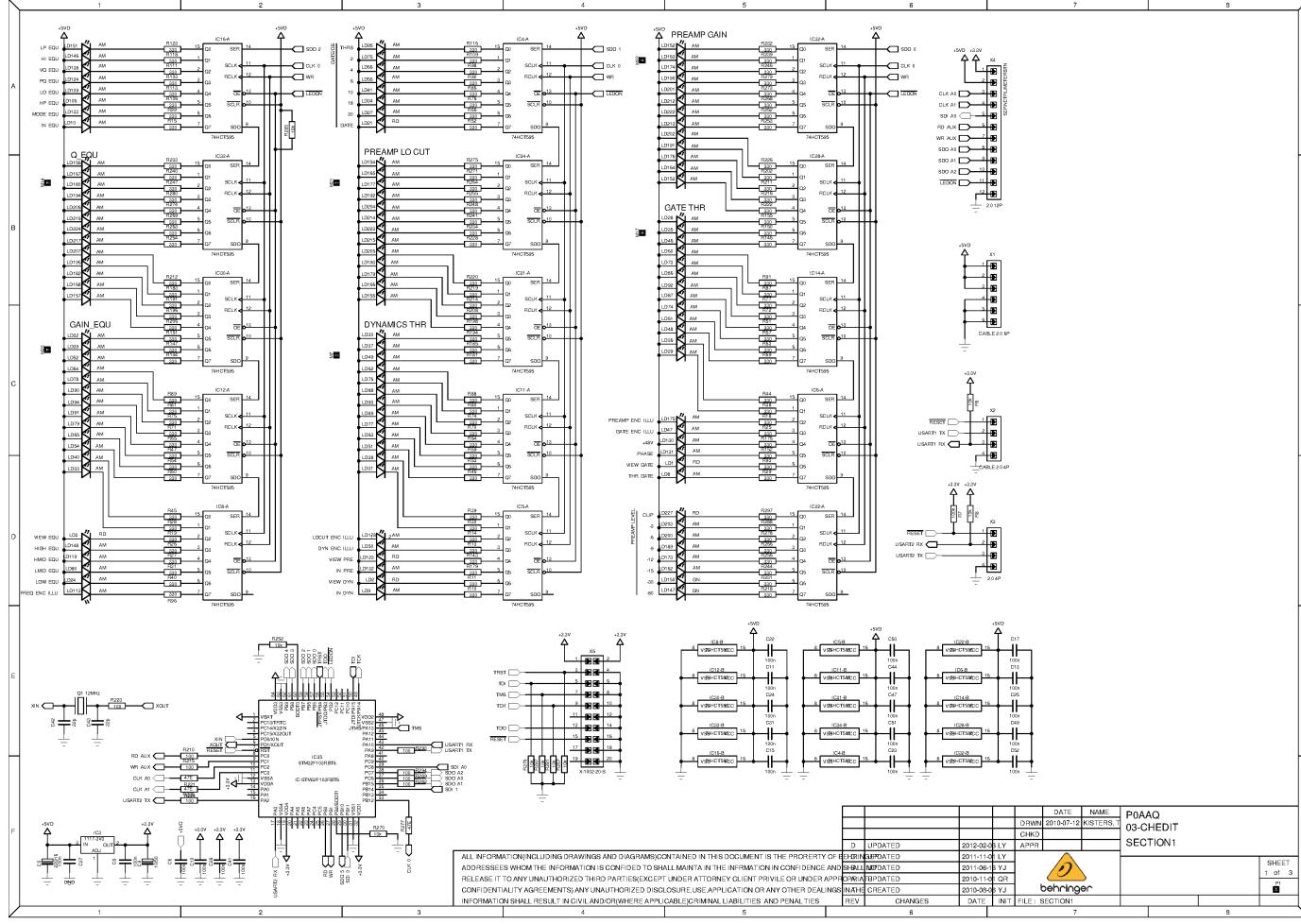


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DRAWN	2010-07-08	BLTGEN-A	P0AAQ	8CHOUT
CHECKED				CONTROL / LOGIC
APPR				
				SHEET 3 of 3

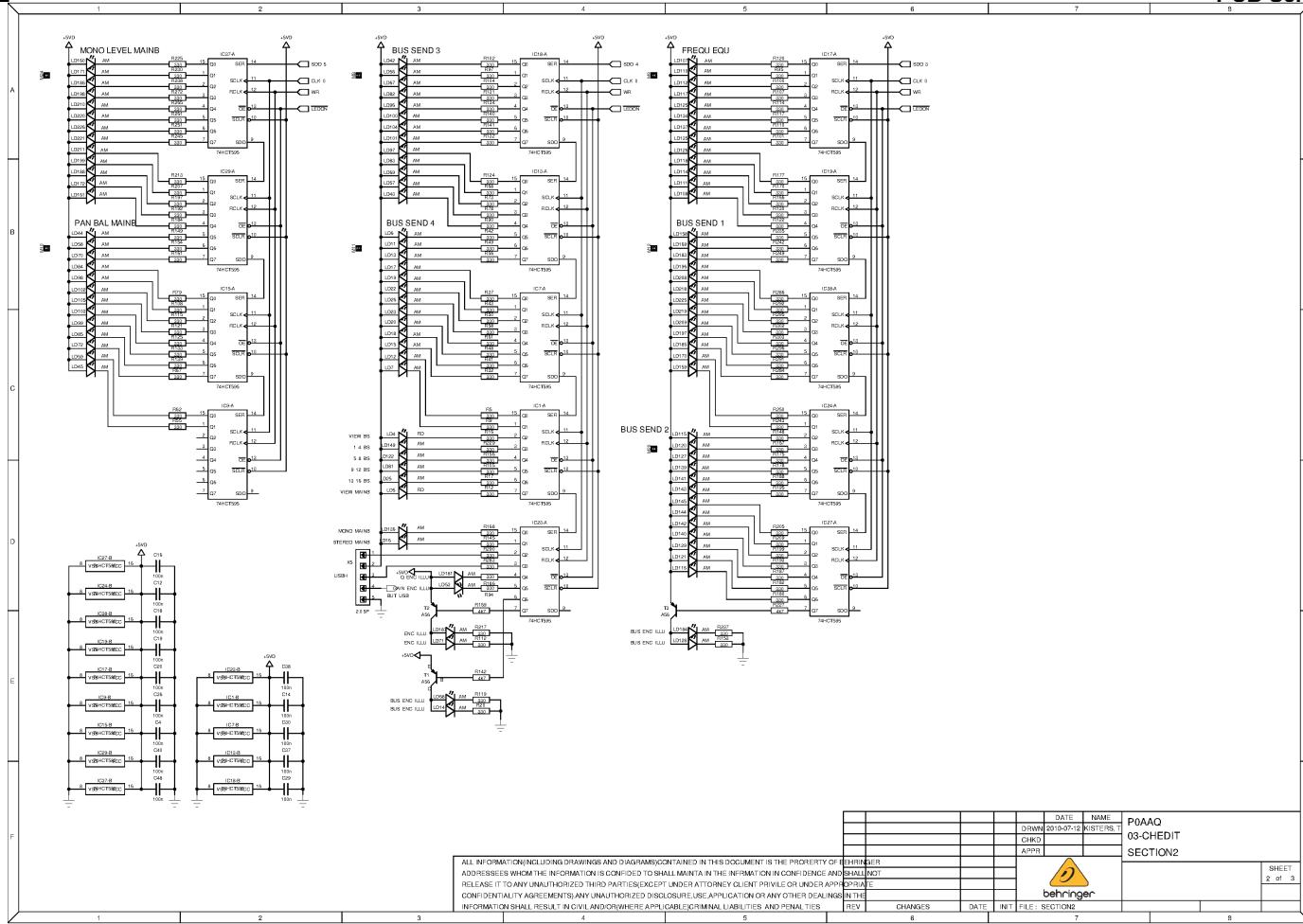
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## PCB Schematic



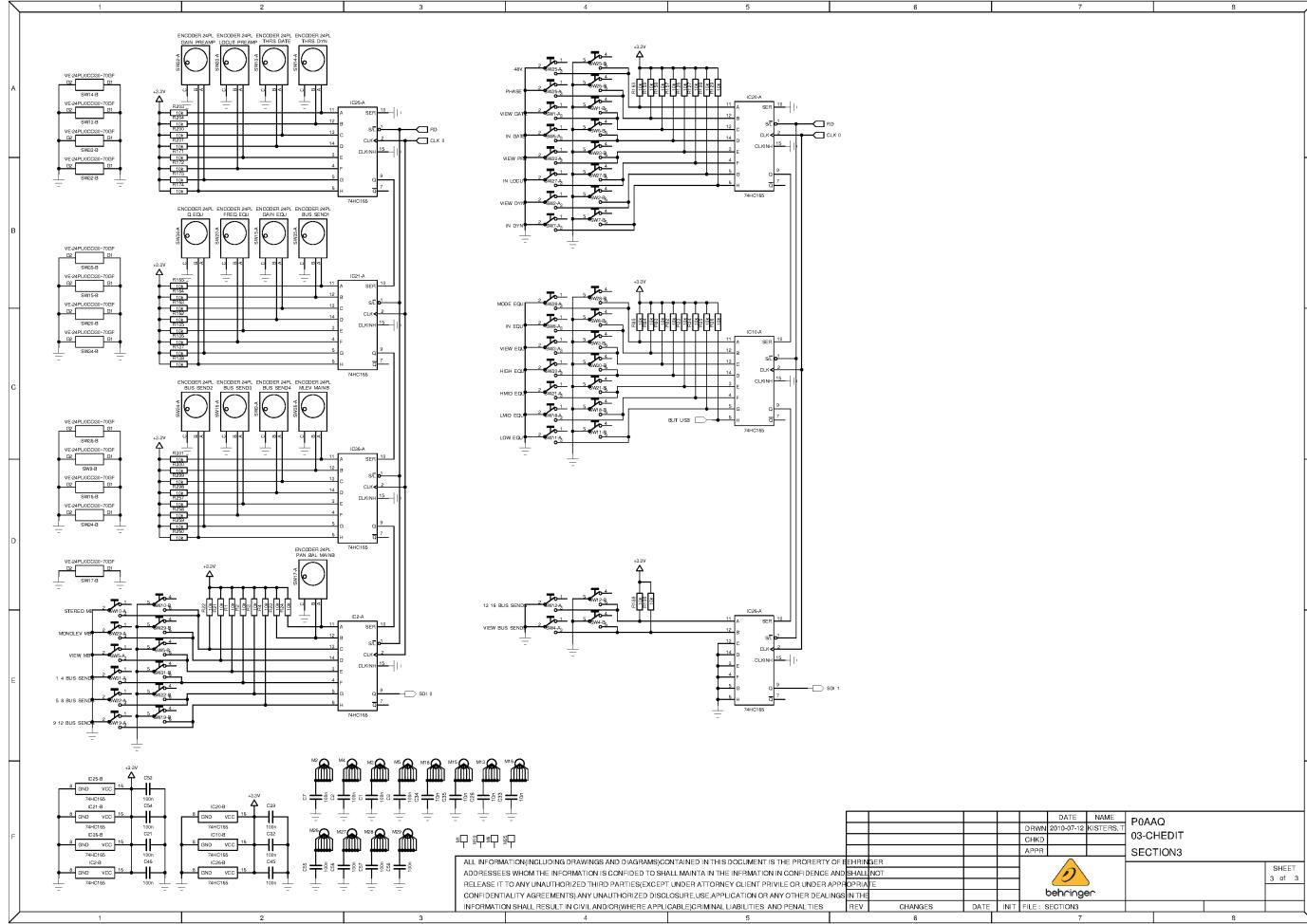
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## PCB Schematic



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## PCB Schematic

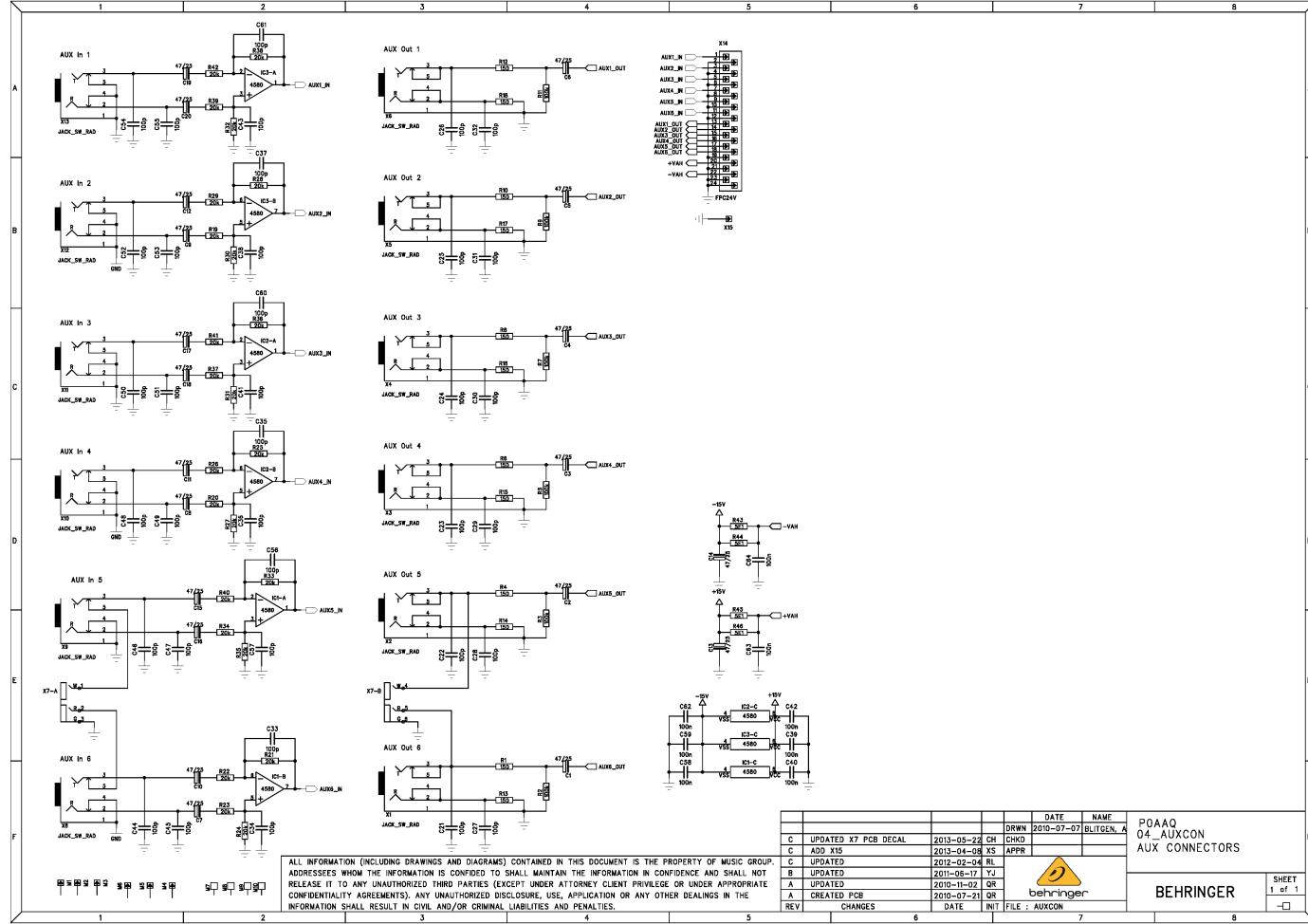


			DATE:	NAME:
DRAWN	2010-07-12	REGISTERED	P0AAQ	03-CHE6IT
CHECKED				
APPR'D.				SECTION3

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X32

PCB Schematic



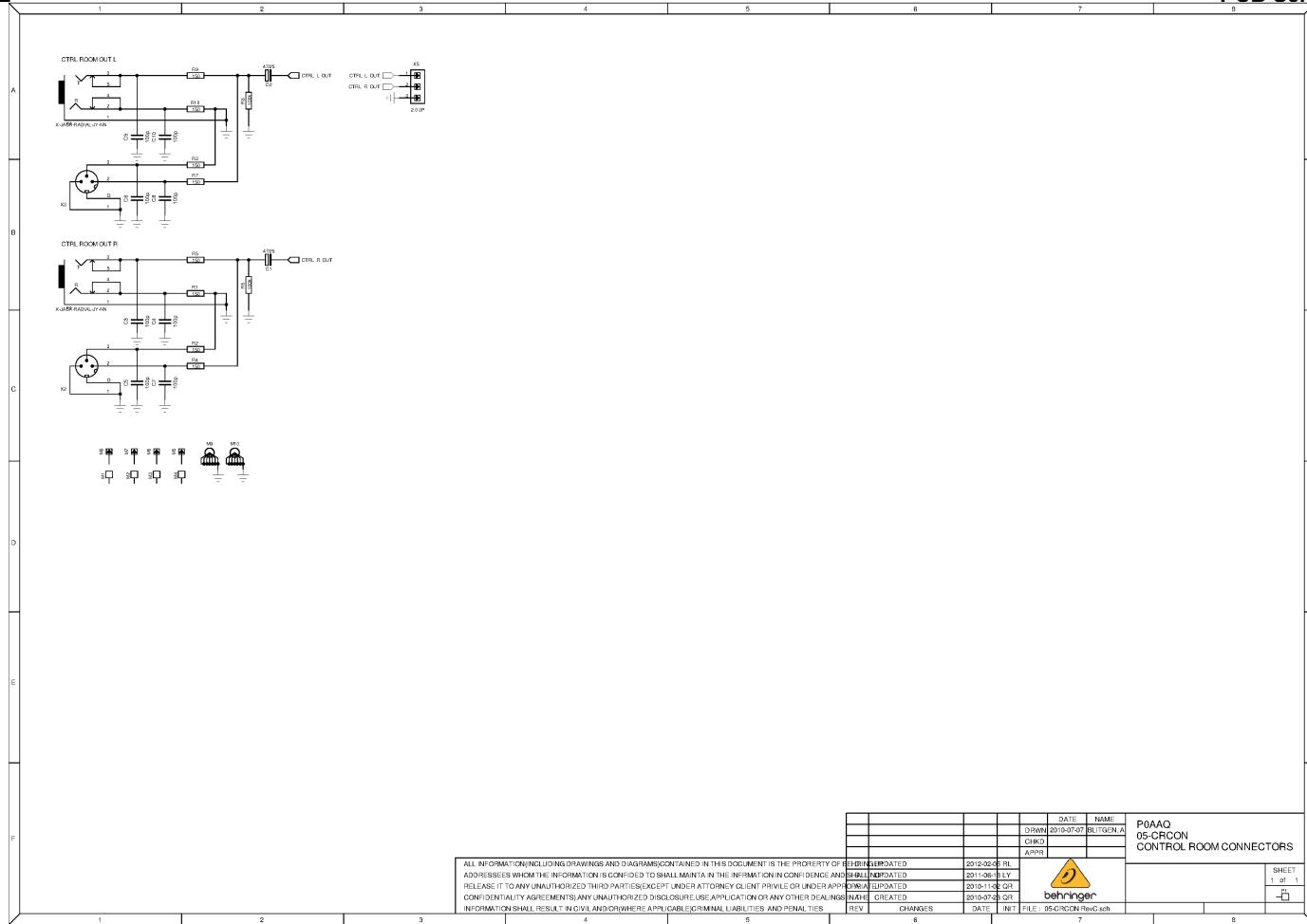
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	DATE	NAME	POAAQ
C	2010-07-07	BLITZEN, A	04_AUXCON
C	2013-05-22	CH	AUX CONNECTORS
C	2013-04-08	XS	APPR
C	2012-02-04	RL	
B	2011-06-17	YU	
A	2010-11-02	QR	
A	2010-07-21	QR	
REV	CHANGES	DATE	INT FILE : AUXCON



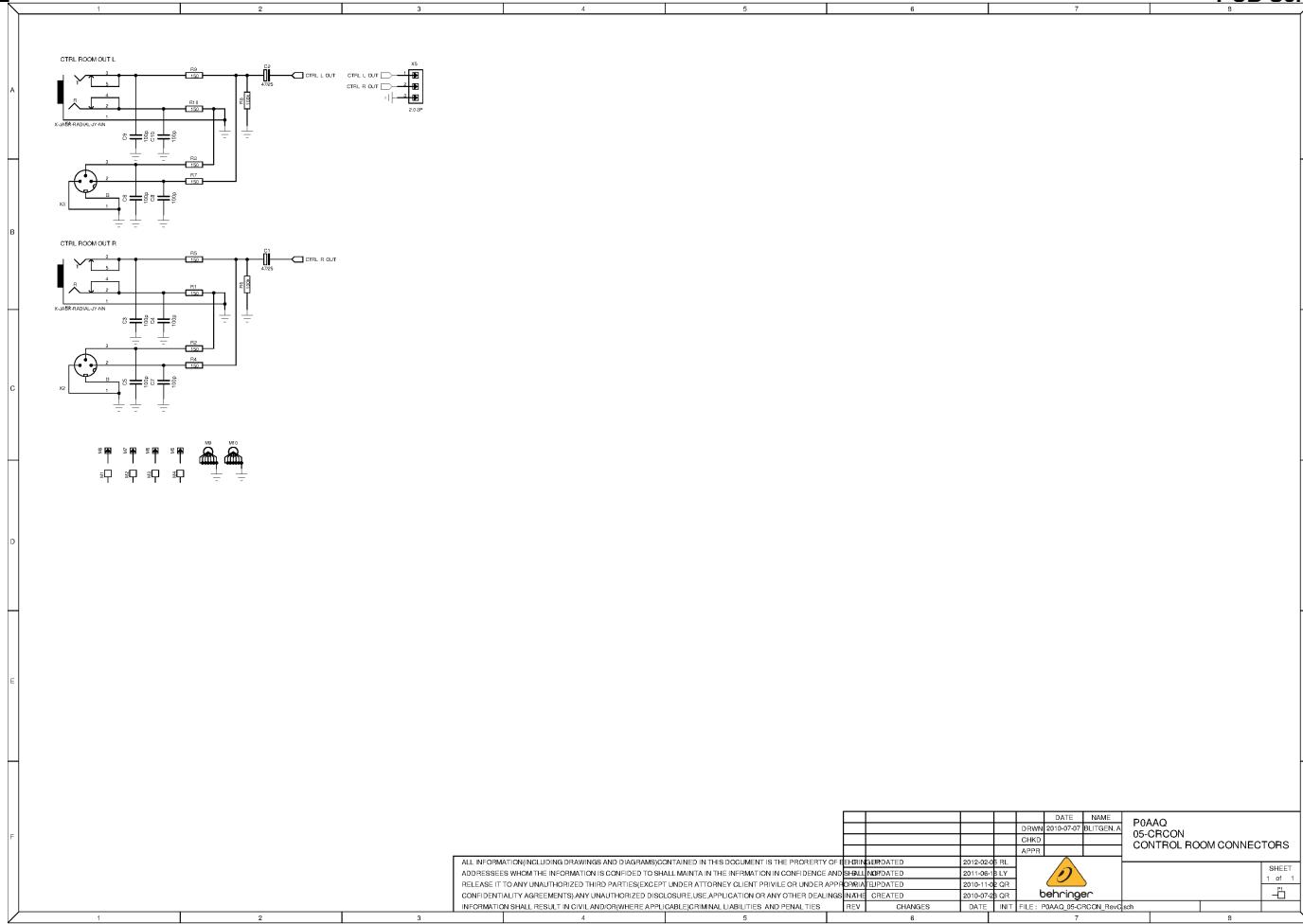
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## PCB Schematic



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## PCB Schematic



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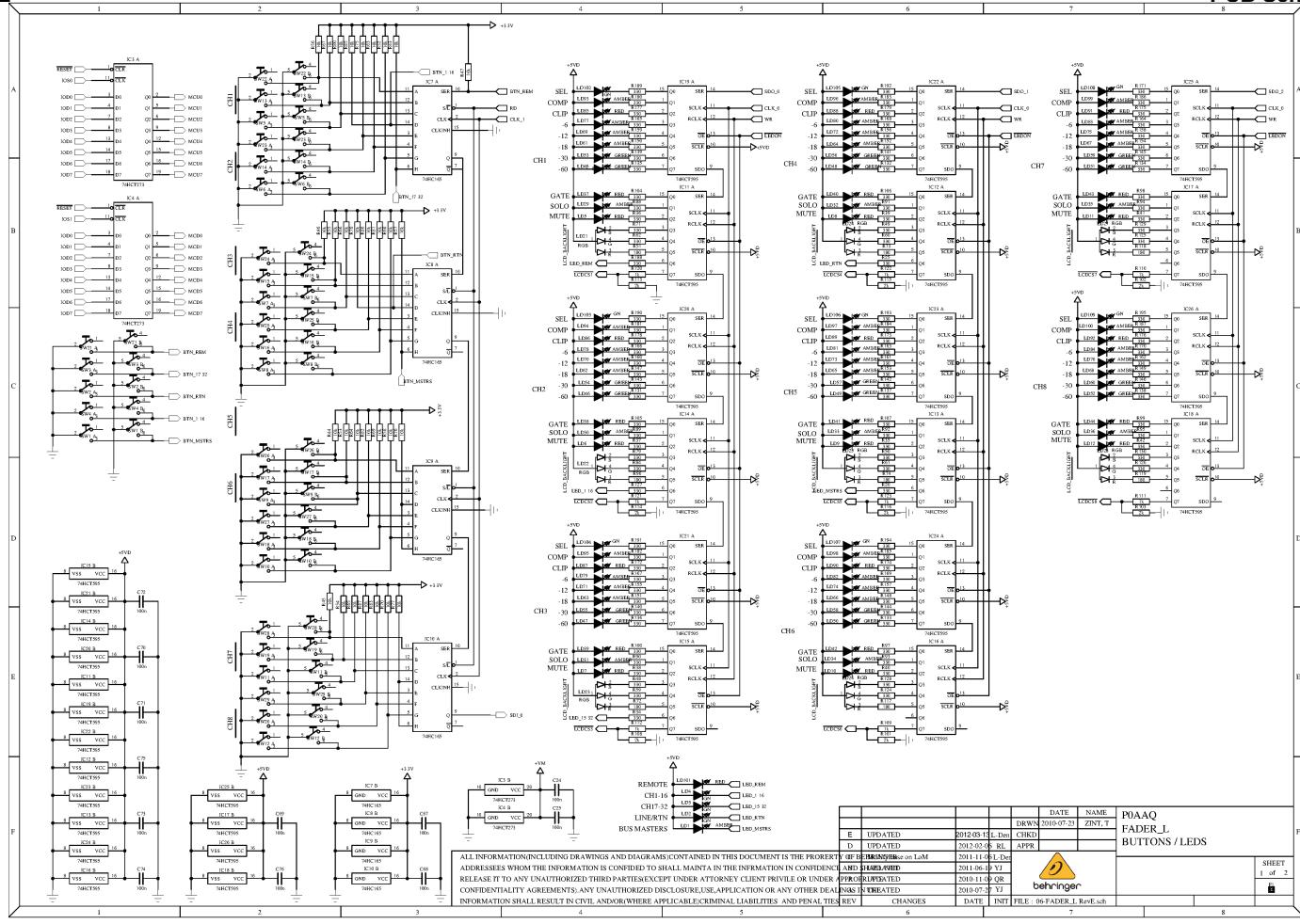
			DATE:	NAME:
			DRAWN	2010-07-07 BLITZER, A
			CHECKED	
			APPROVED	

**P0AAQ**  
05-CRCON  
CONTROL ROOM CONNECTORS

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SHEET	1 of 1
REV	0

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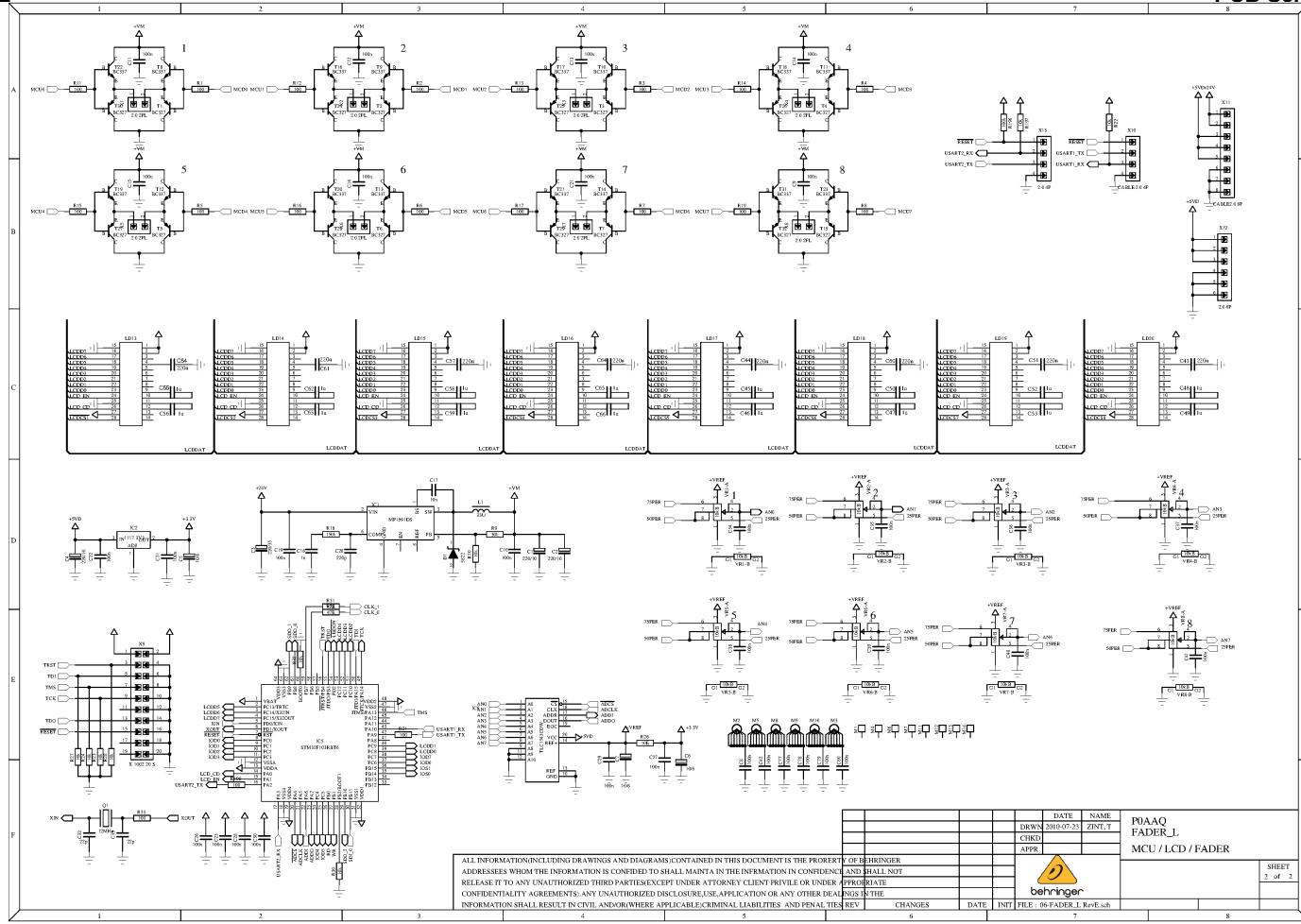
## PCB Schematic



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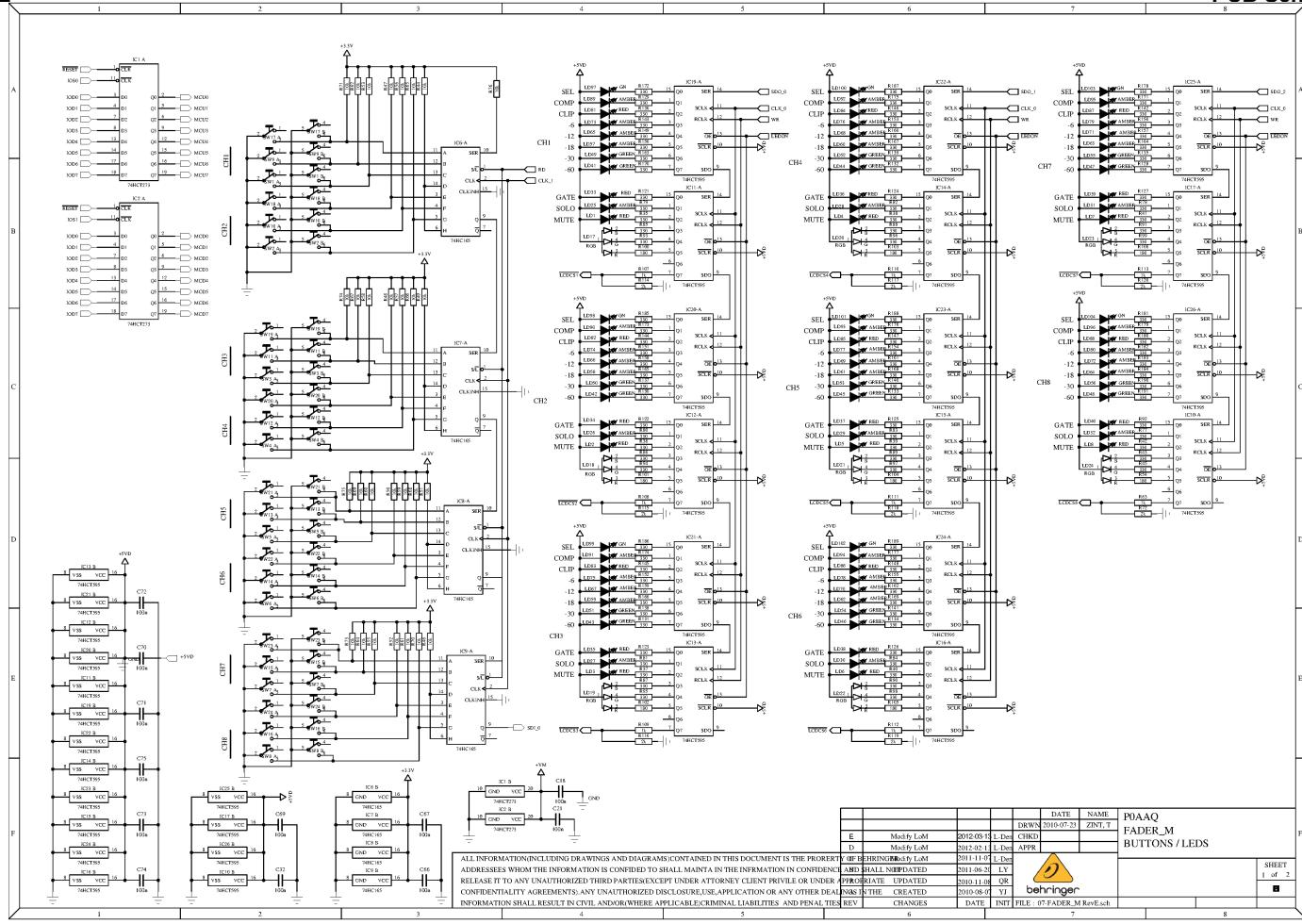
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## PCB Schematic



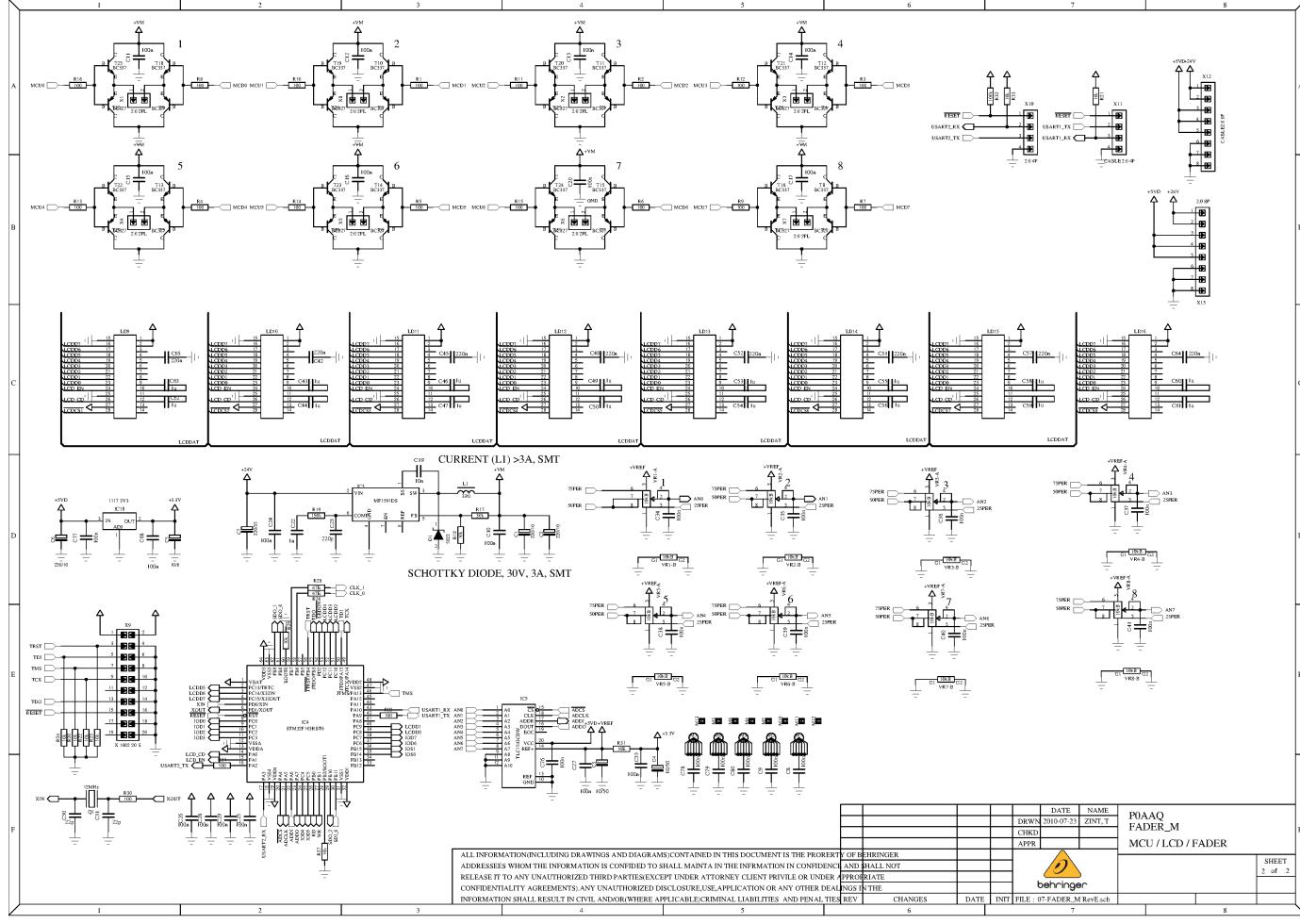
X32

## PCB Schematic



X32

## PCB Schematic

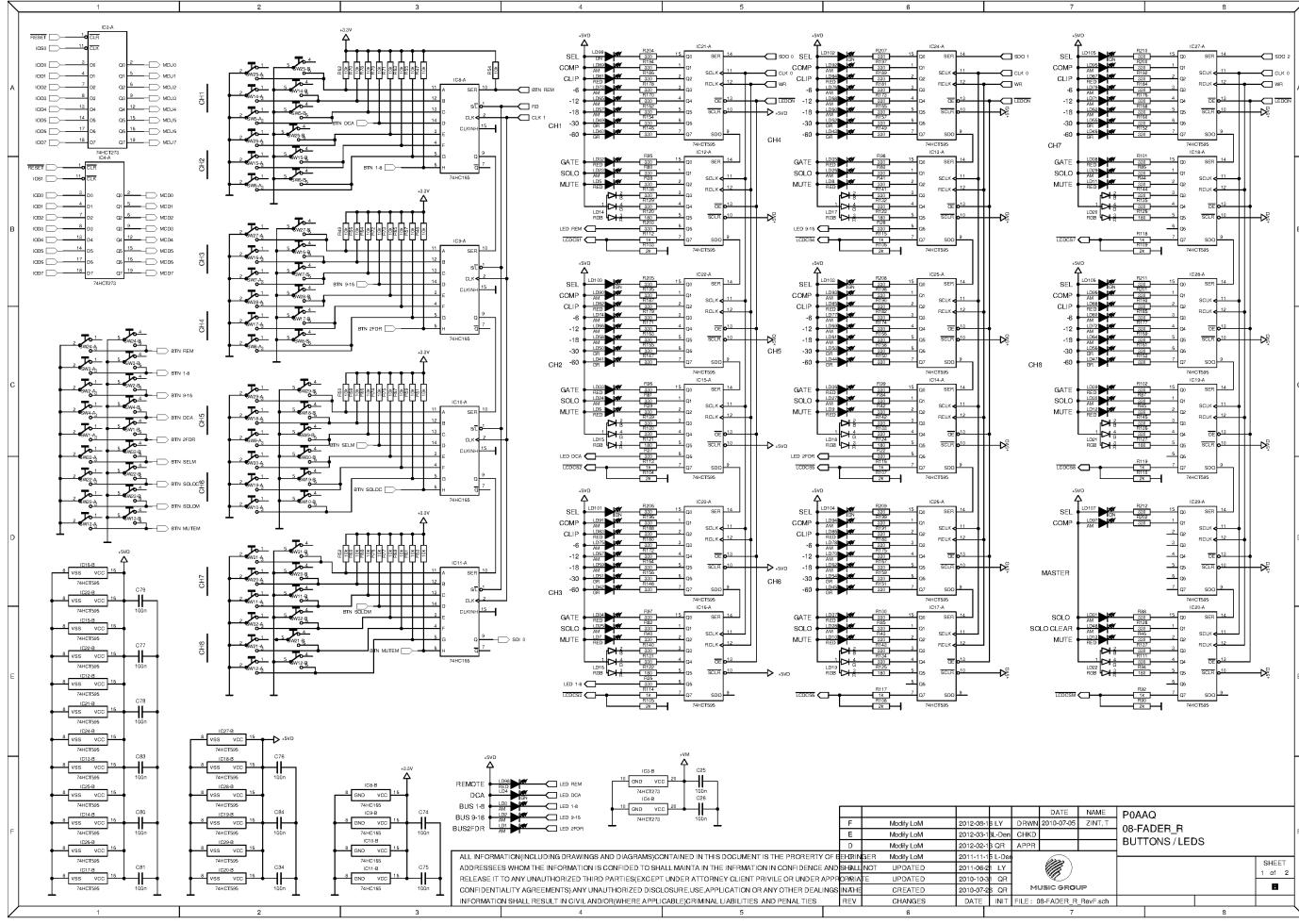


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REV. CHANGES DATE INT'L FILE: 07-FADER\_M Rev.E.sch

		DATE	NAME
DRW	2010-07-23	ZINT.7	P0IAAQ
CIRK			FADER_M
APPR			MCU / LCD / FADER

X32

## PCB Schematic

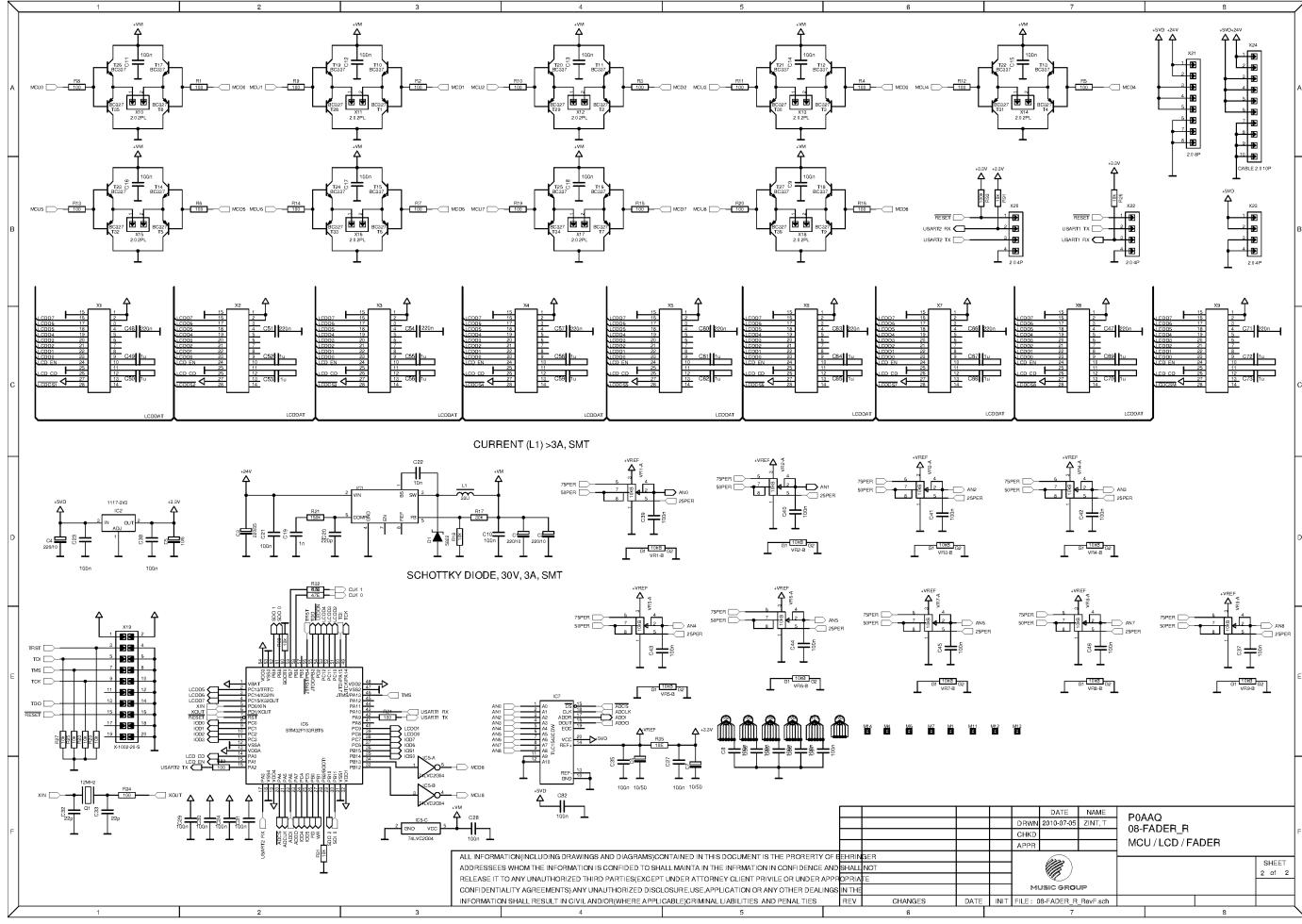


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F	Mod1 LDM	2012-09-3	L.Y	DRAWN	NAME	P0AAQ
E	Mod1 LDM	2012-09-3	L.Y	CHD	DATE	2013-07-05
D	Mod1 LDM	2012-09-3	C.R	AIRPORT		
B	Mod1 LDM	2011-11-1	L.Y			
H	Mod1 LDM	2011-06-2	L.Y	BAHNICHT	UPDATED	2011-06-2 LY
G	Mod1 LDM	2010-10-8	QR	DATE	UPDATED	2010-10-8 QR
I	Mod1 LDM	2010-07-05	QR	NATE	CREATED	2010-07-05 QR
J	Mod1 LDM			MUSIC GROUP		
K	REV	CHANGES	DATE	INIT	FILE	DB-FADER_R RevF.kch

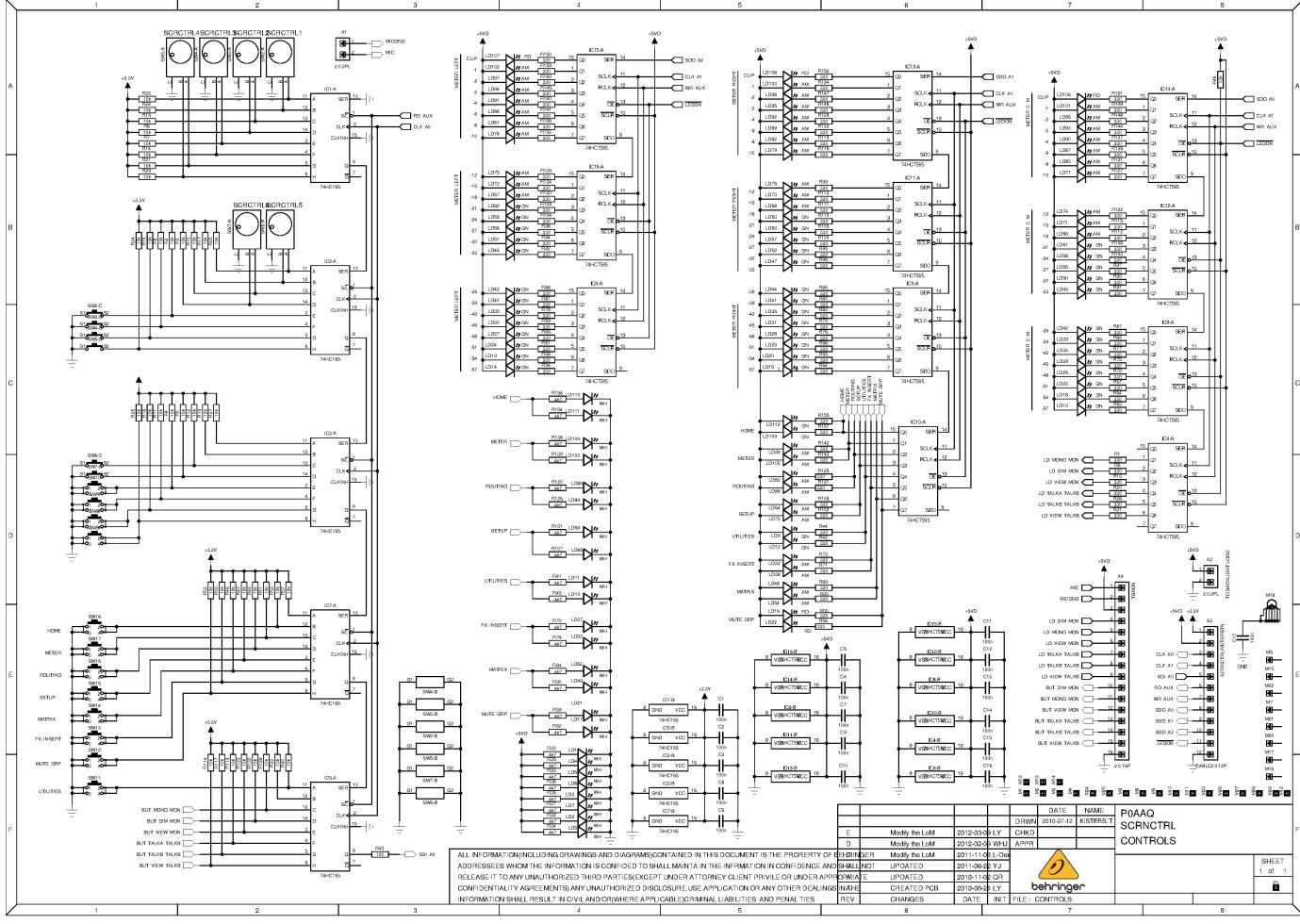
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## PCB Schematic



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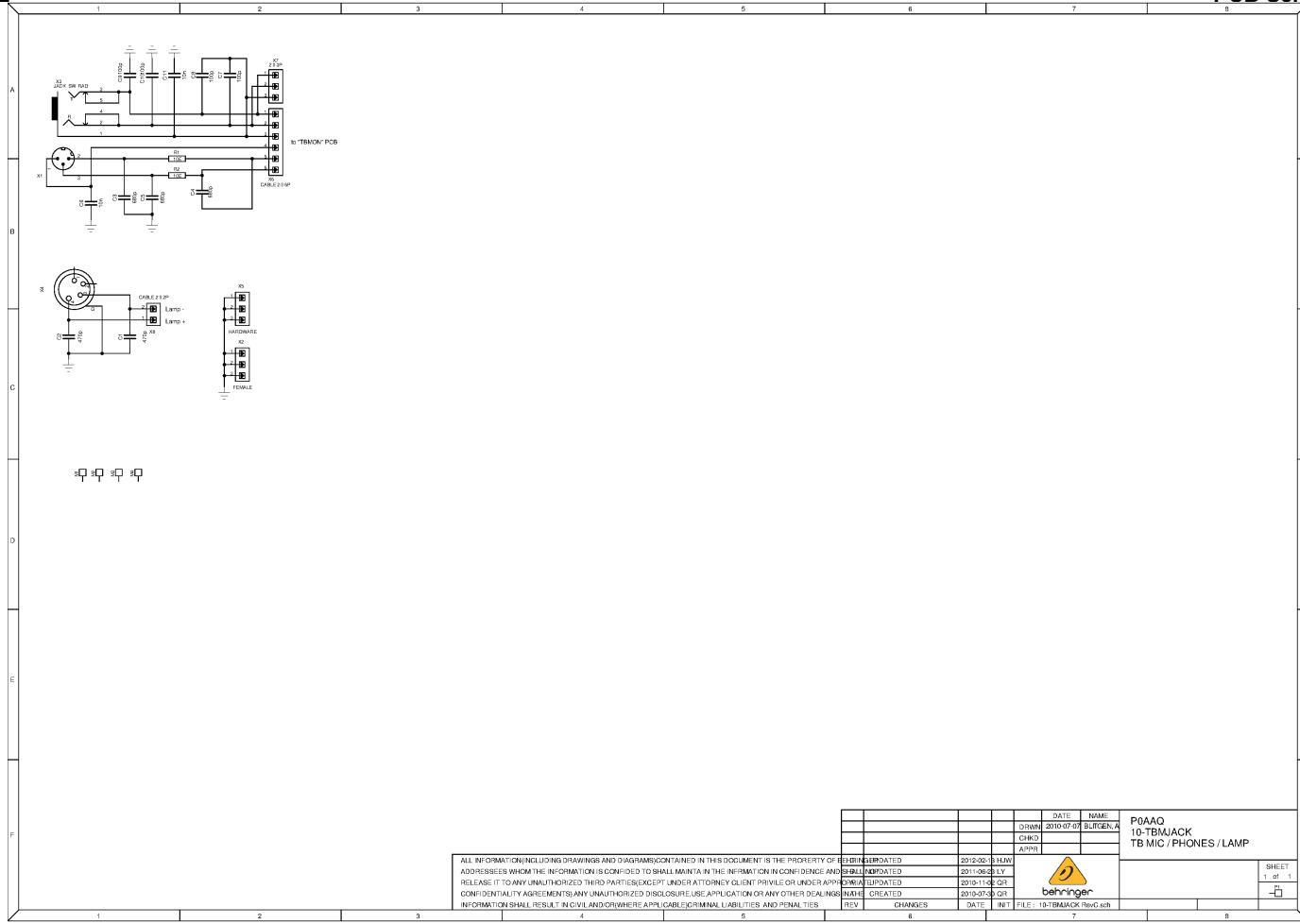
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DATE	NAME	POA&Q
2010-07-12	KISTERL,T	SCRINCTRL
E	Modify the LdM	2010-07-12 LV
D	Modify the LdM	2010-07-12 V4
B&H&LCT	UPDATED	2011-06-28 VJ
C	DATE	2010-11-03 QR
N/A	CREATED POB	2010-06-28 LY
REV	CHANGES	DATE INIT FILE: CONTROLS

behringer

**X32****PCB Schematic**

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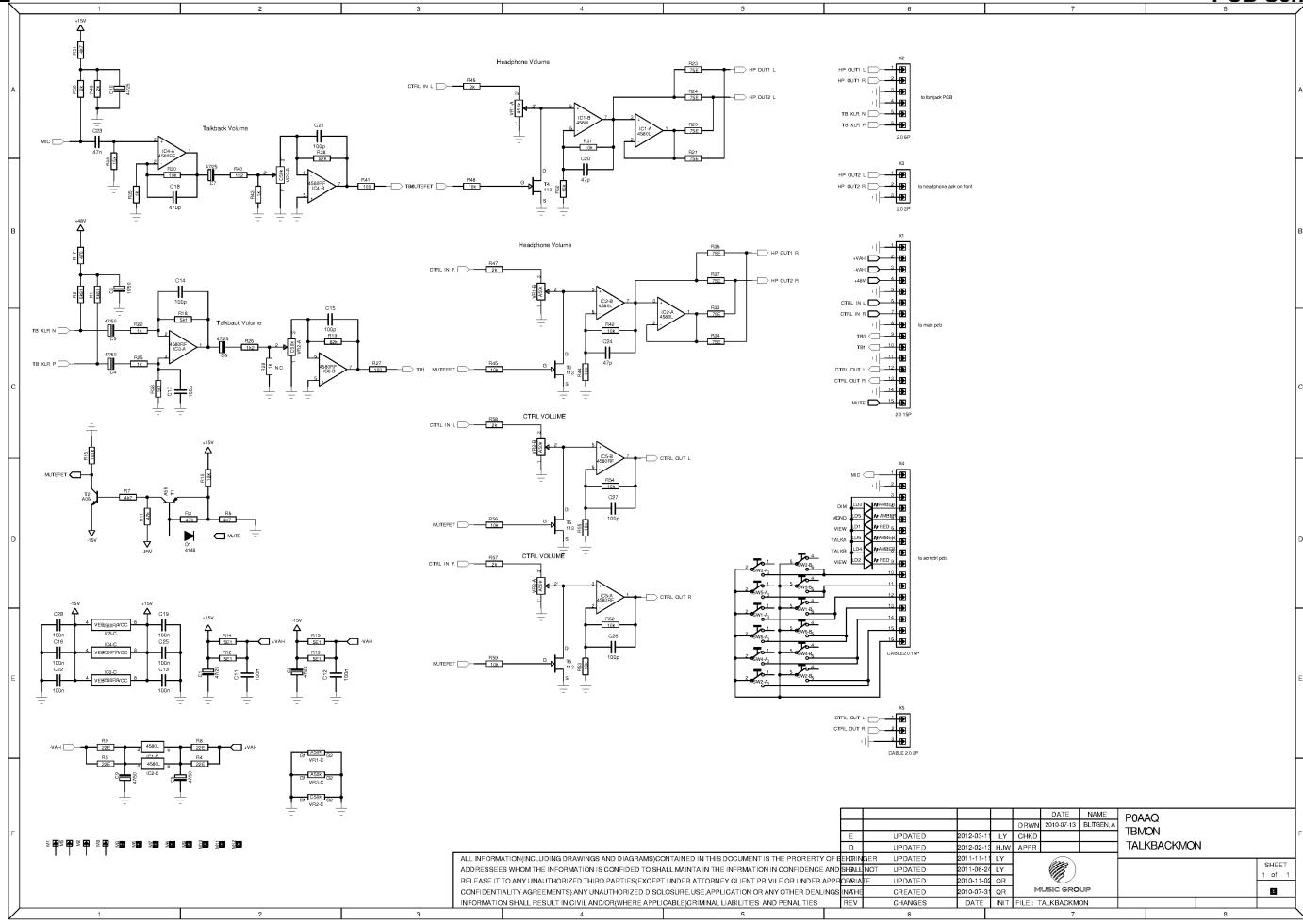
DATE	NAME	P0AAQ
2010-07-07	BUTGEN, A	10-TBM/JACK
	CIRCUIT	TB MIC / PHONES / LAMP
	AMPS	

REV	CHANGES	DATE	INIT	FILE
		10-TBM/JACK RevC		

X32

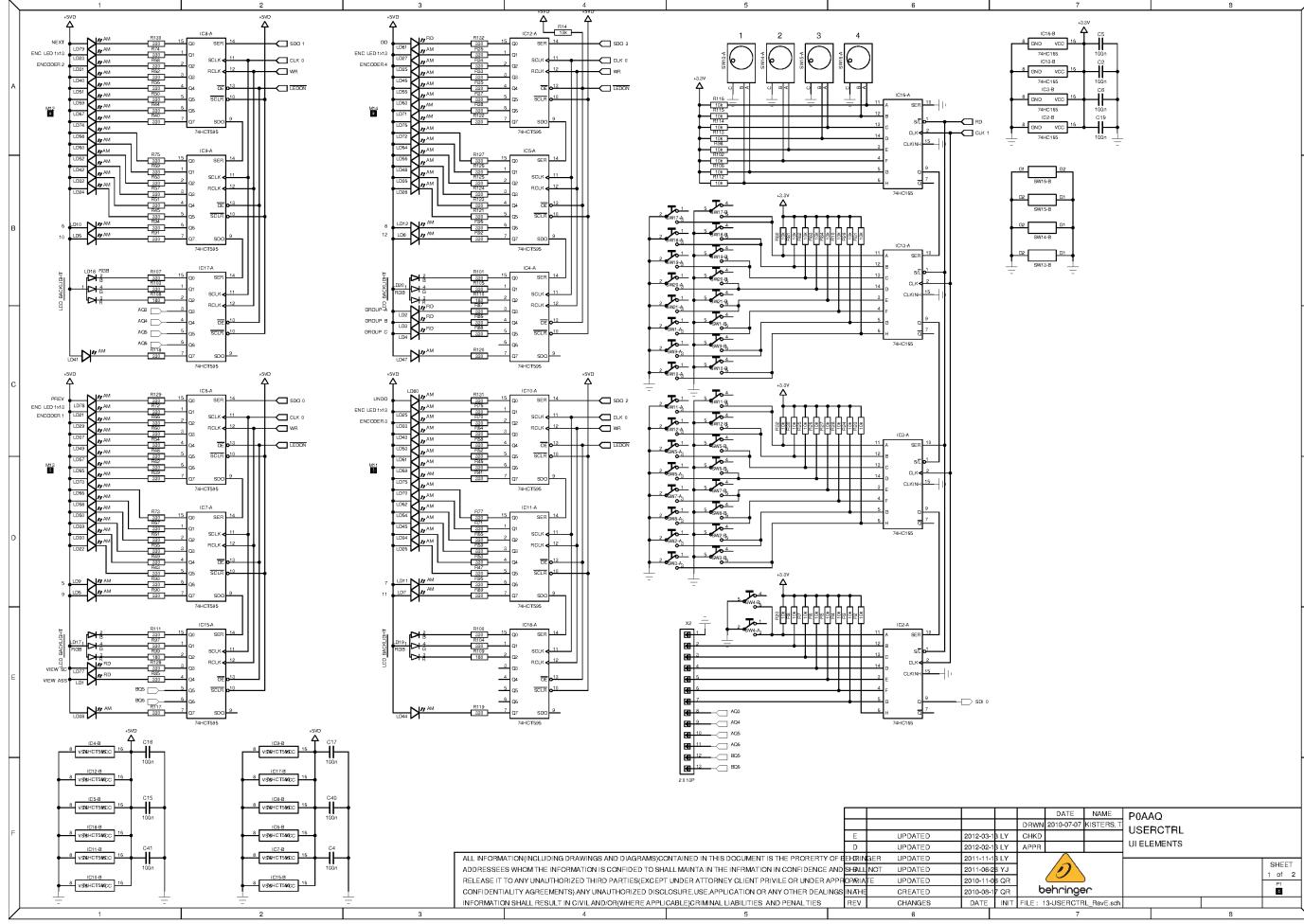
## PCB Schematic



**X32****PCB Schematic**

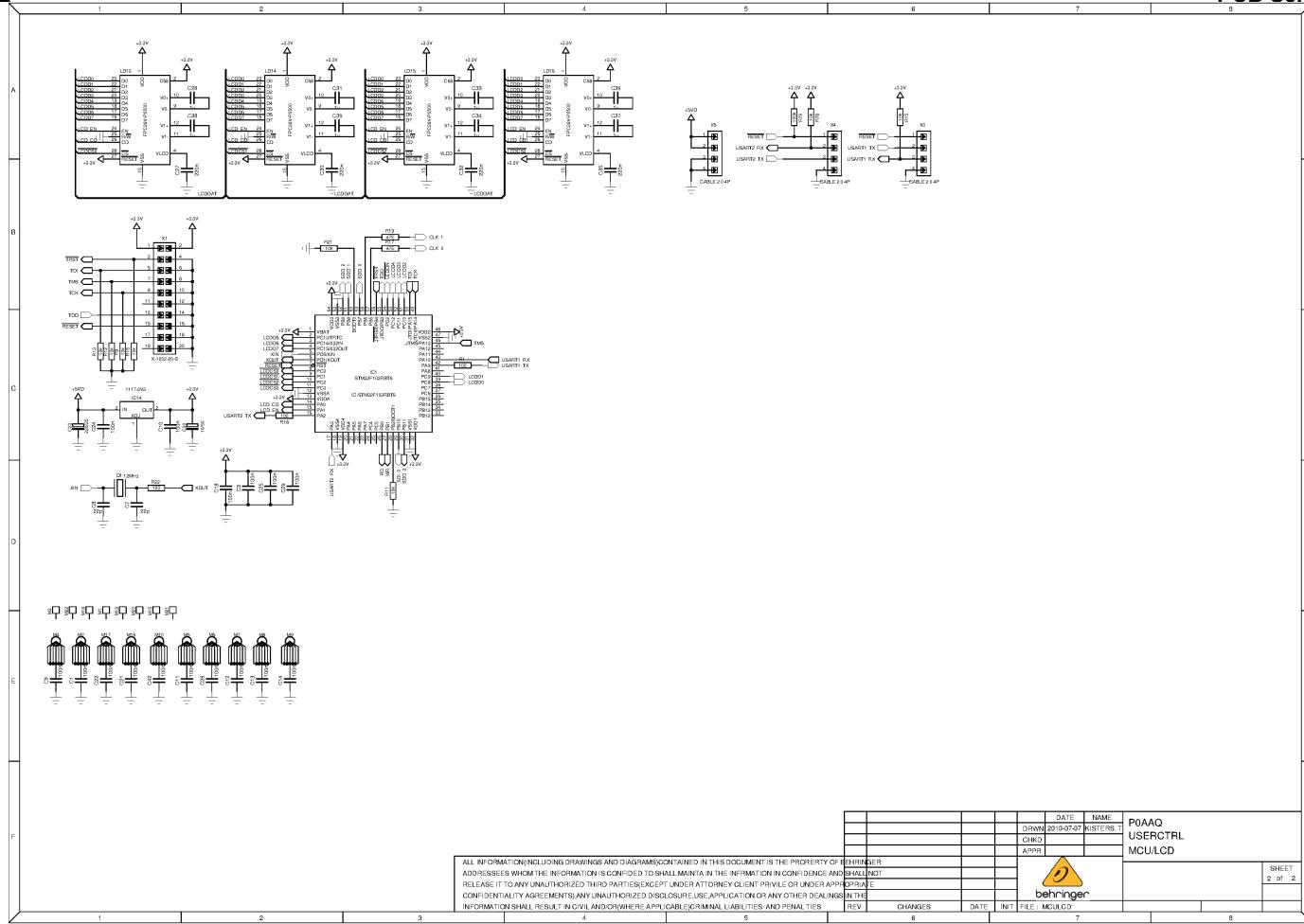
X32

## PCB Schematic



X32

## PCB Schematic



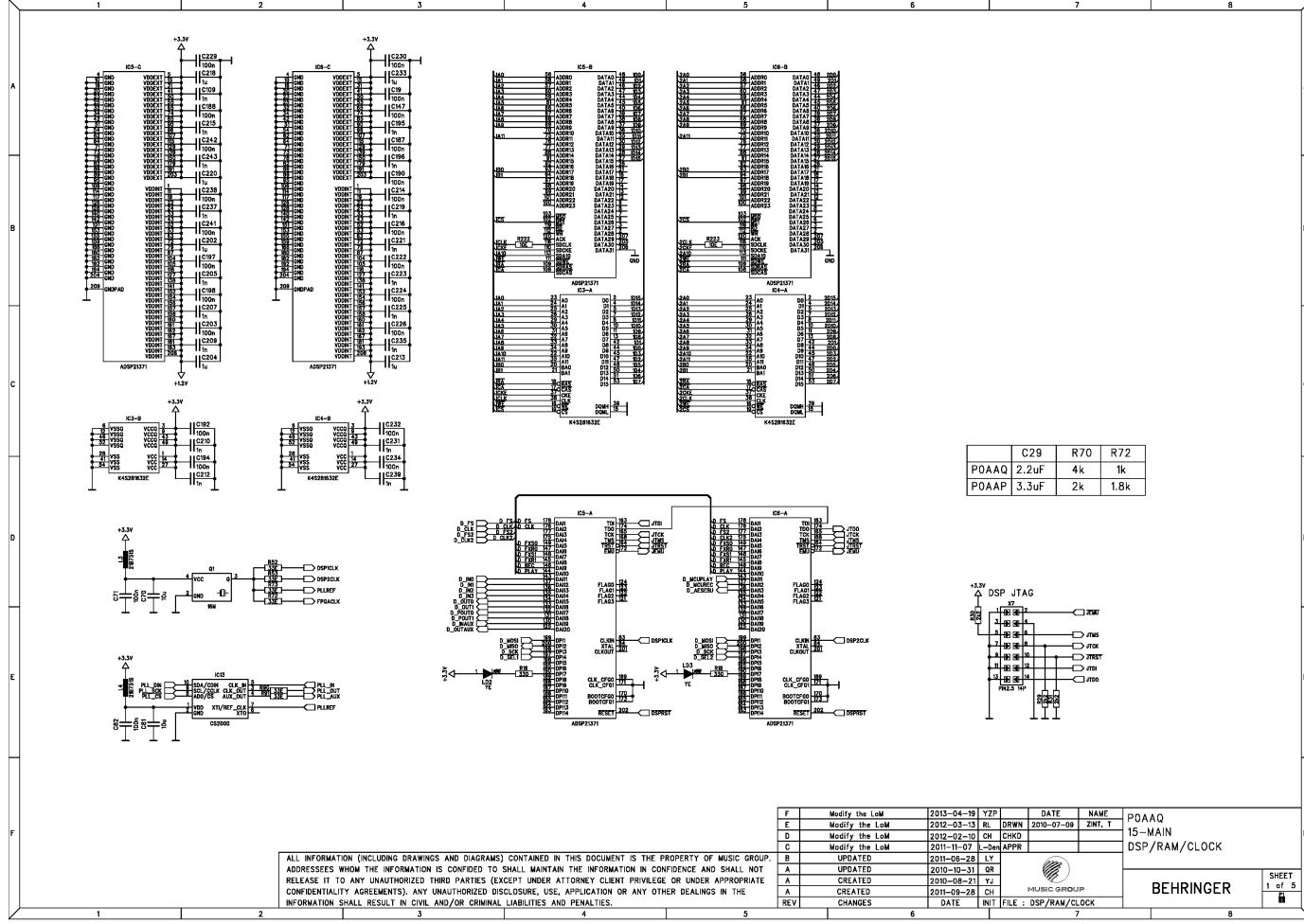
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PCB Schematic



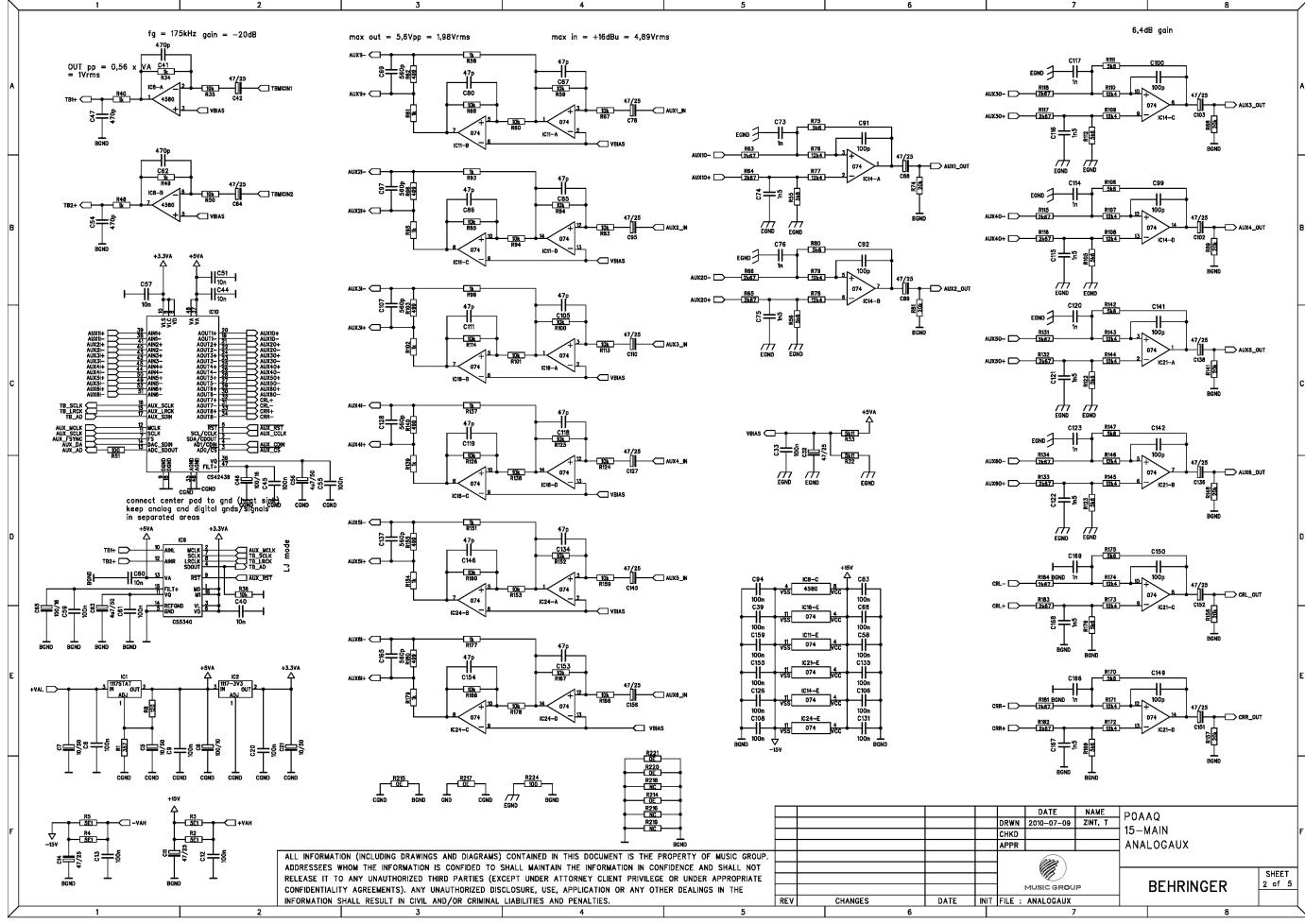
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## PCB Schematic



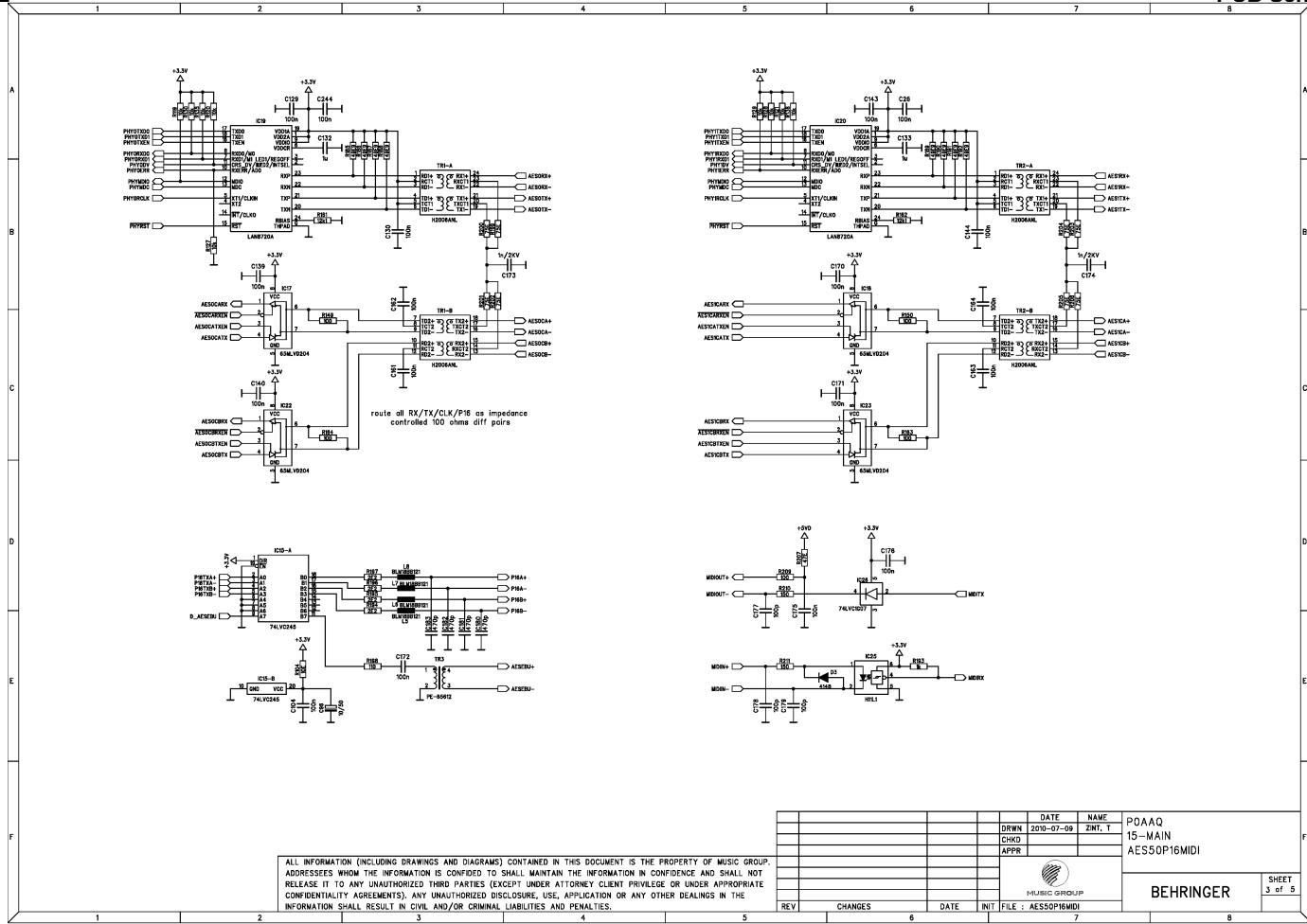
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## PCB Schematic



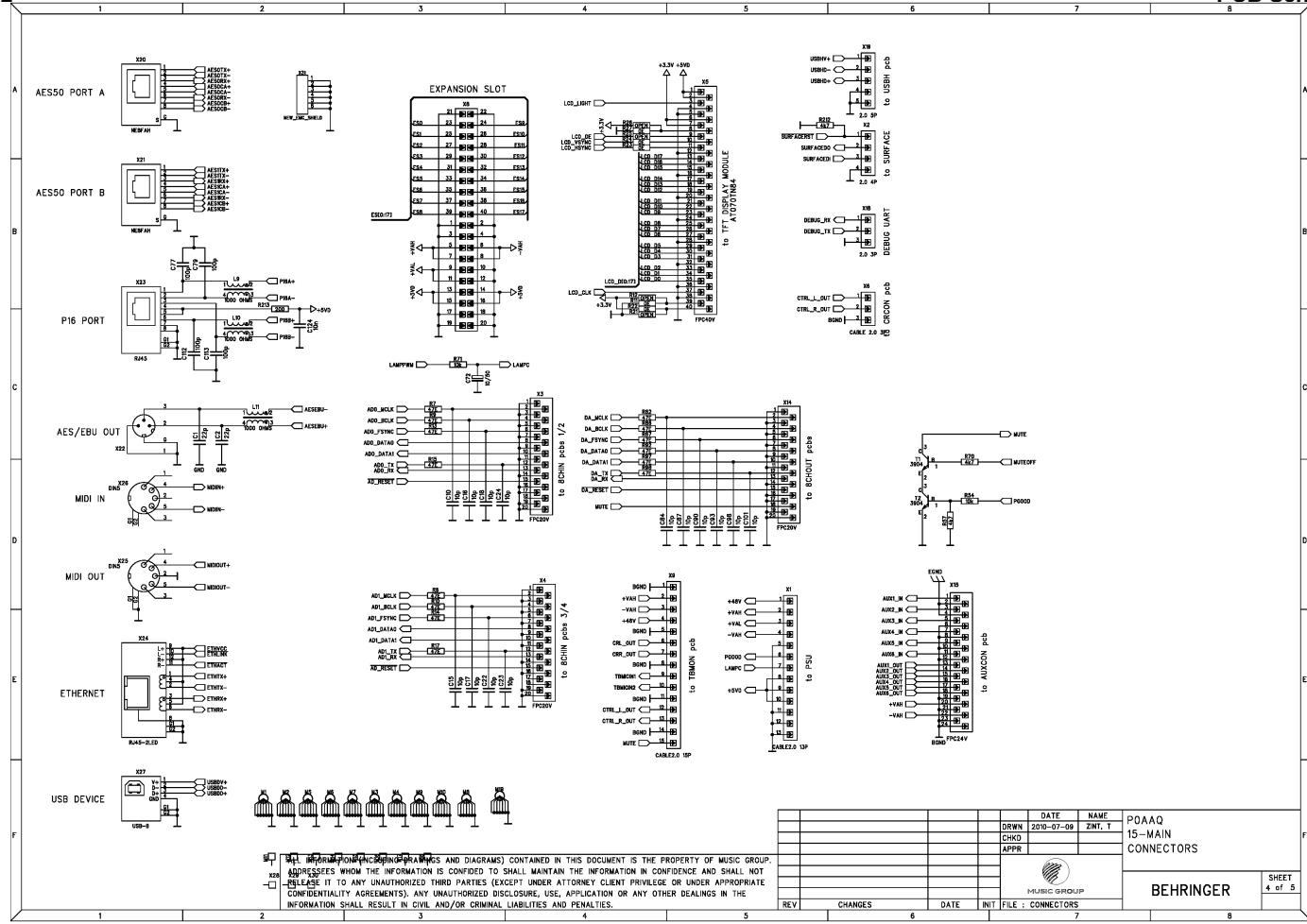
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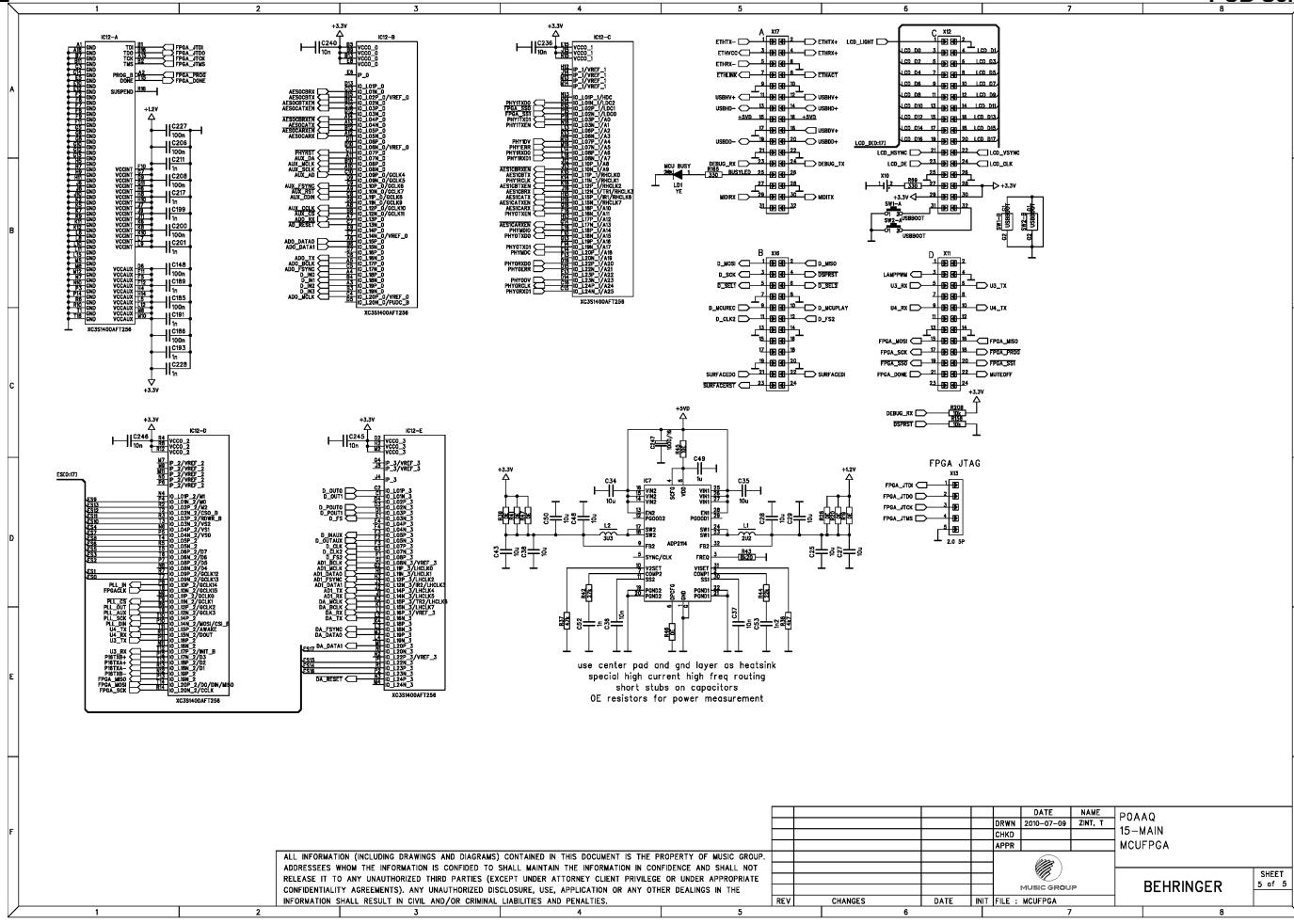
## PCB Schematic



X32

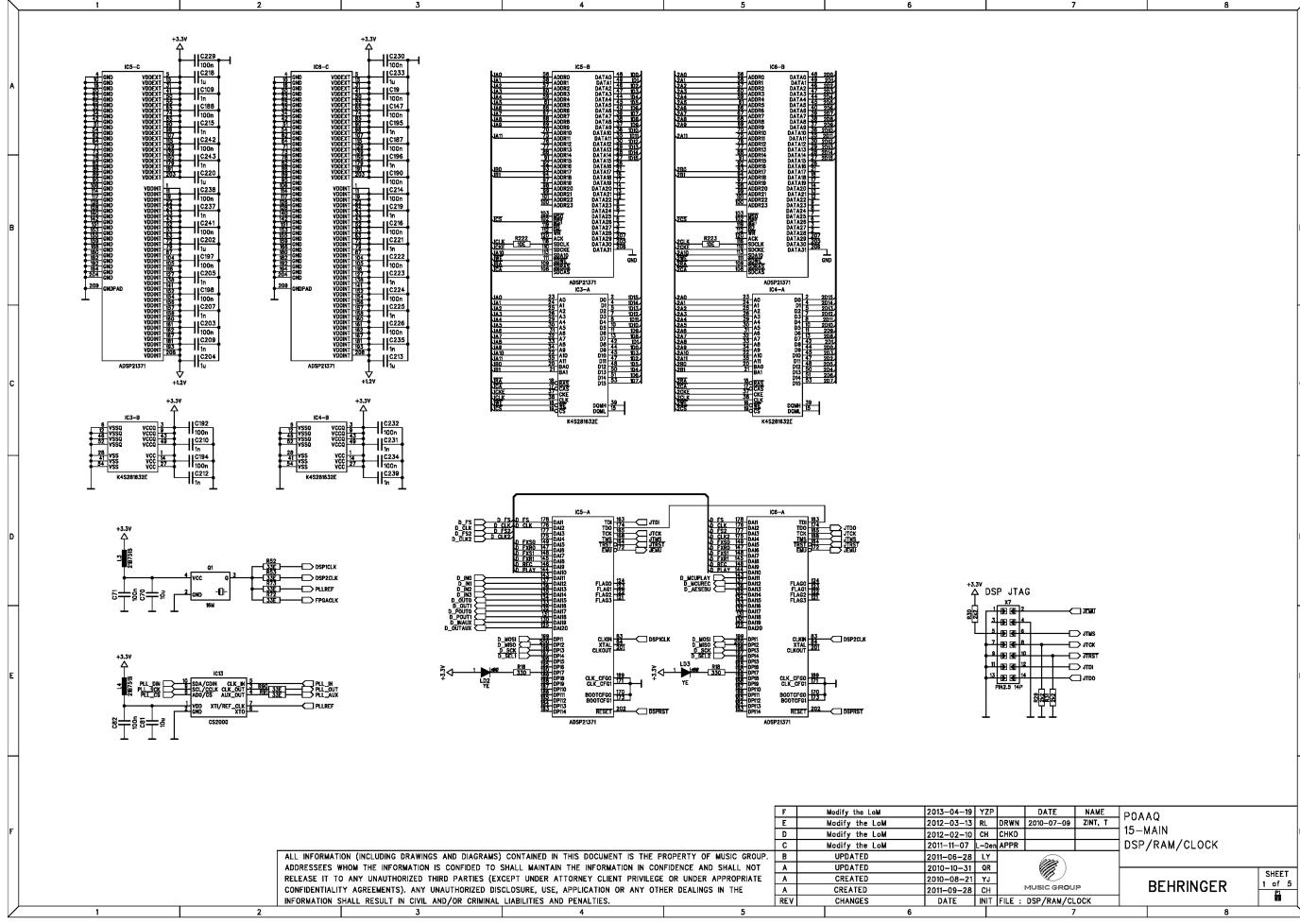
PCB Schematic



**X32****PCB Schematic**

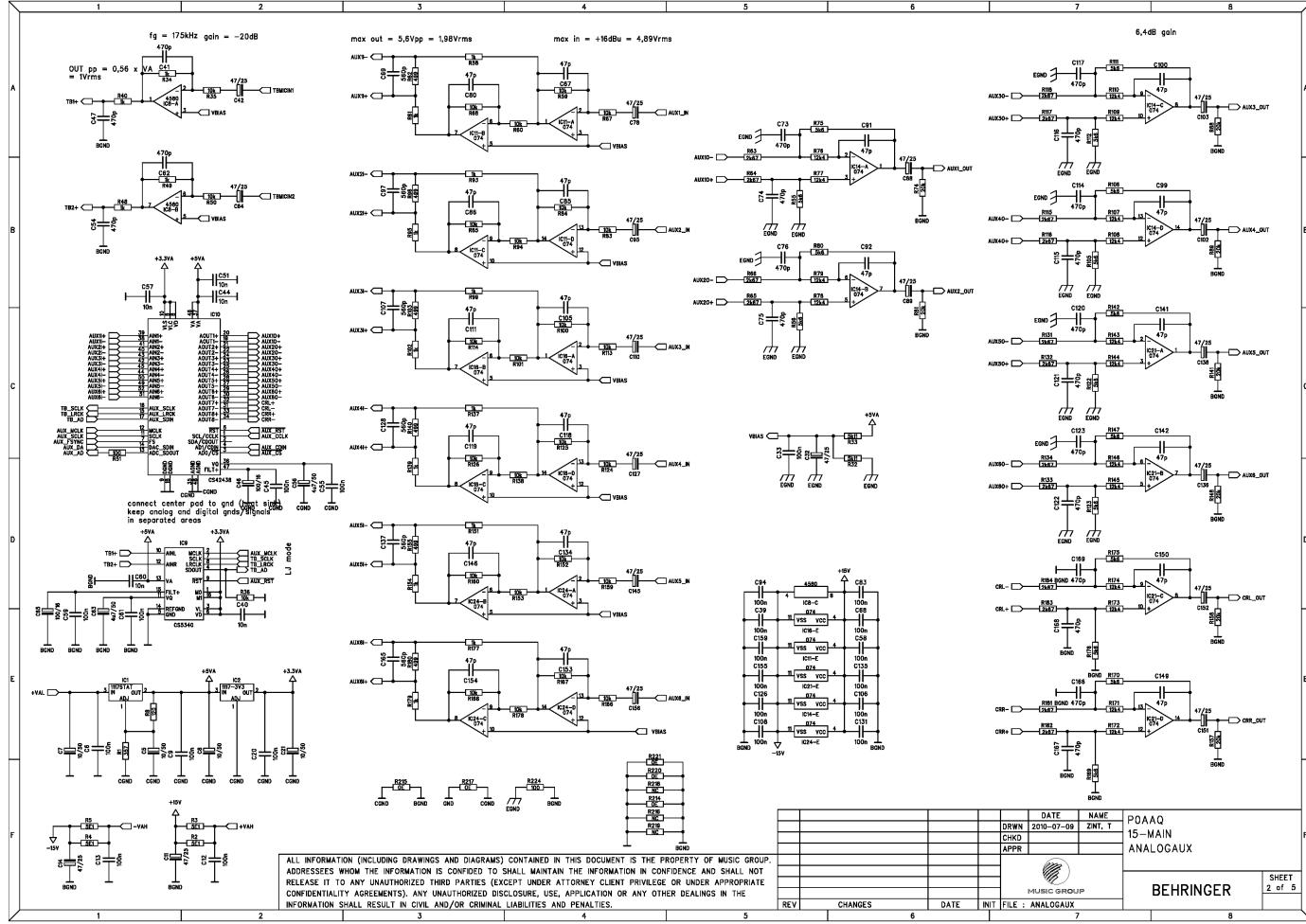
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## PCB Schematic



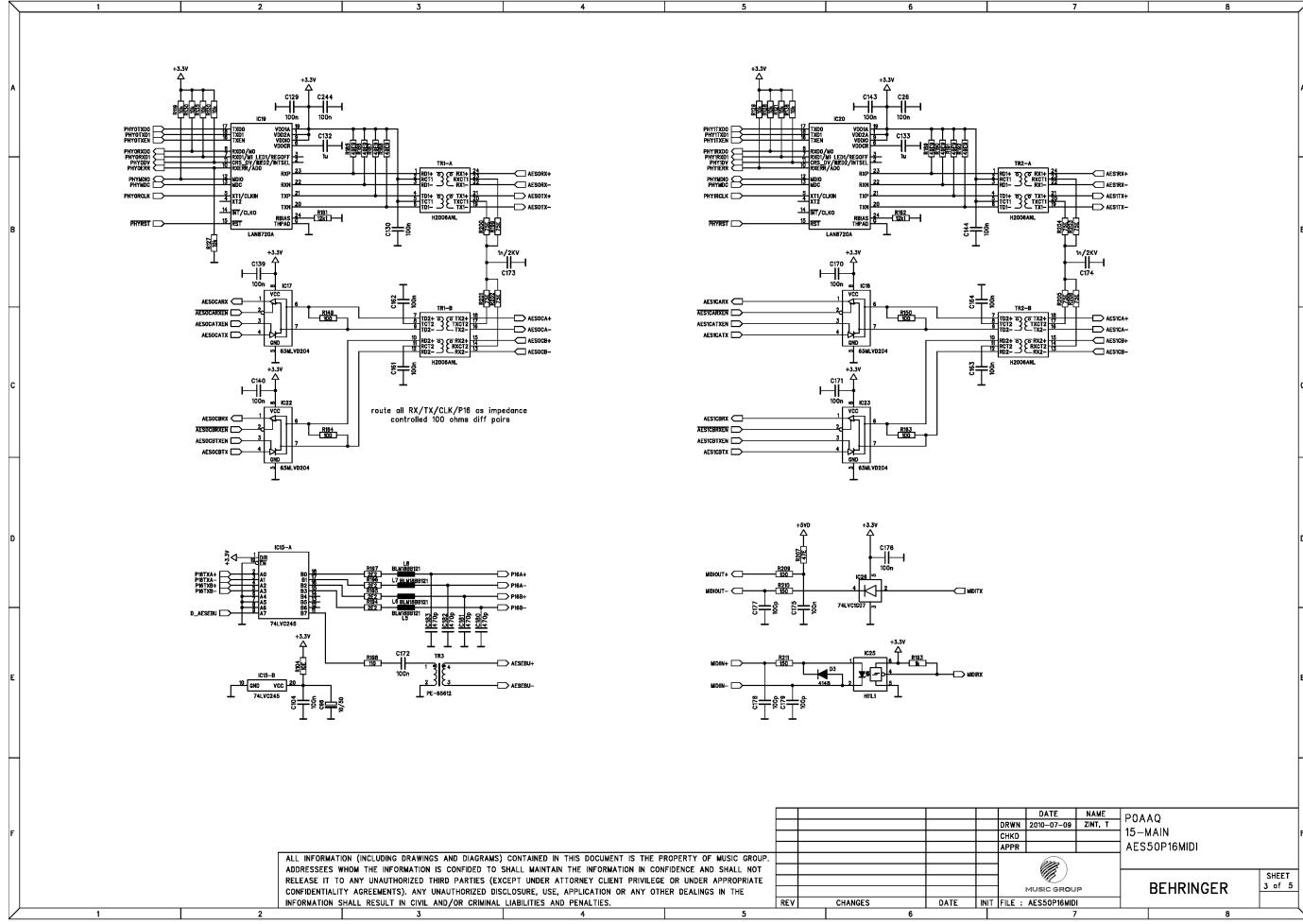
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## PCB Schematic



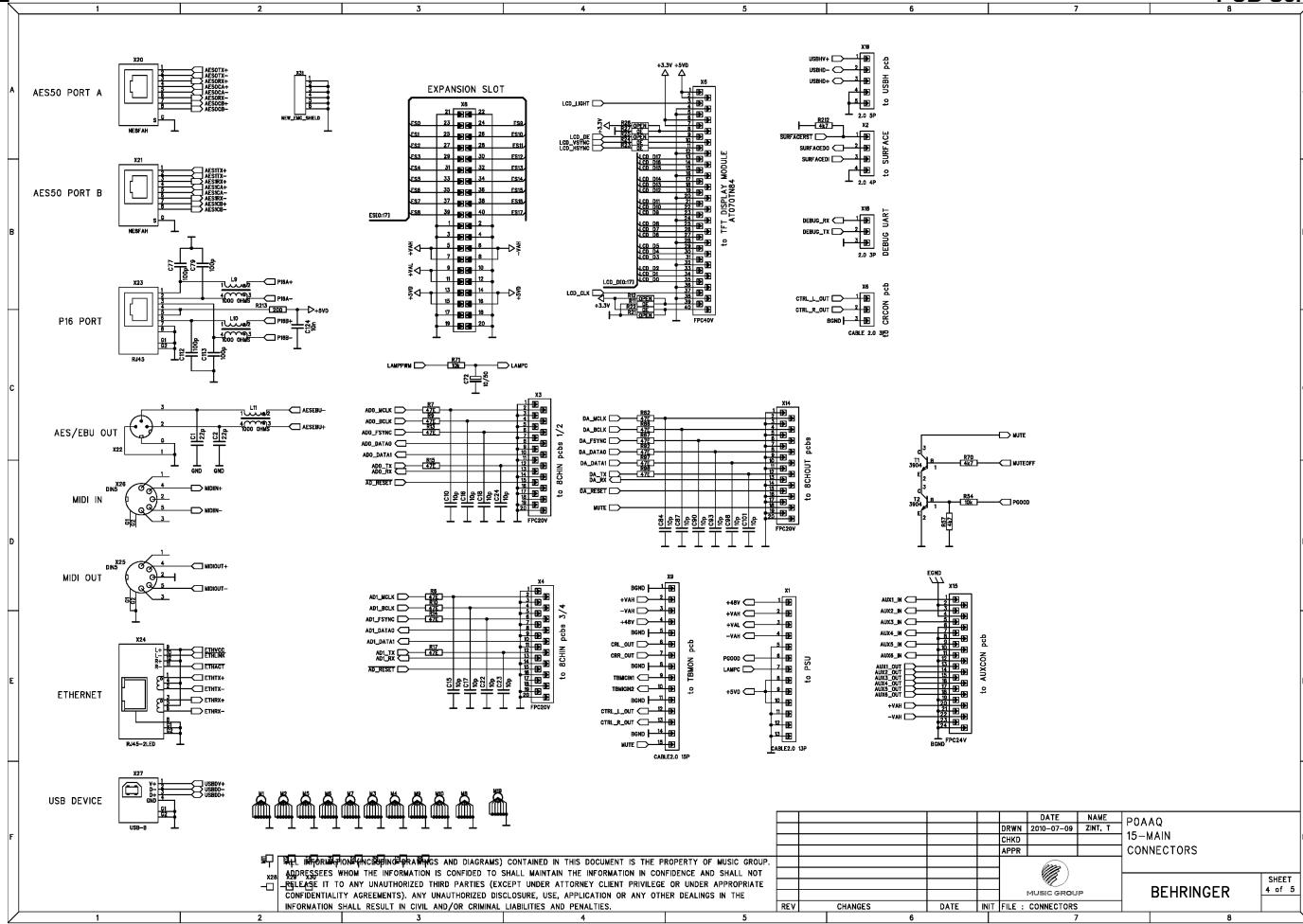
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## PCB Schematic



X32

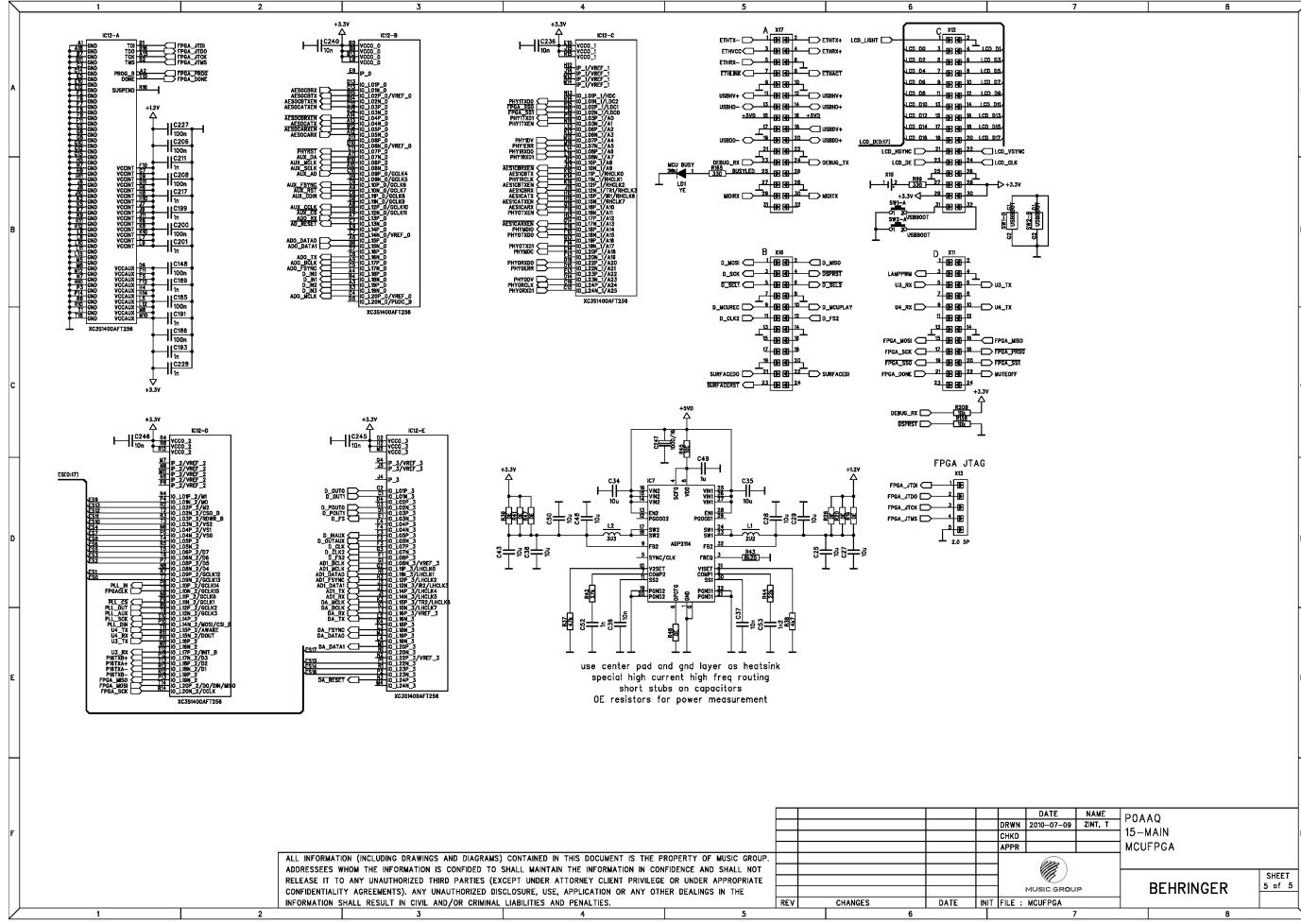
**PCB Schematic**



		DATE	NAME	POAAQ
X28		2010-07-08	ZINT, T	15-MAIN
X29				CONNECTORS
X30				MUSIC GROUP
X31				BEHRINGER
X32				SHEET 4 of 5

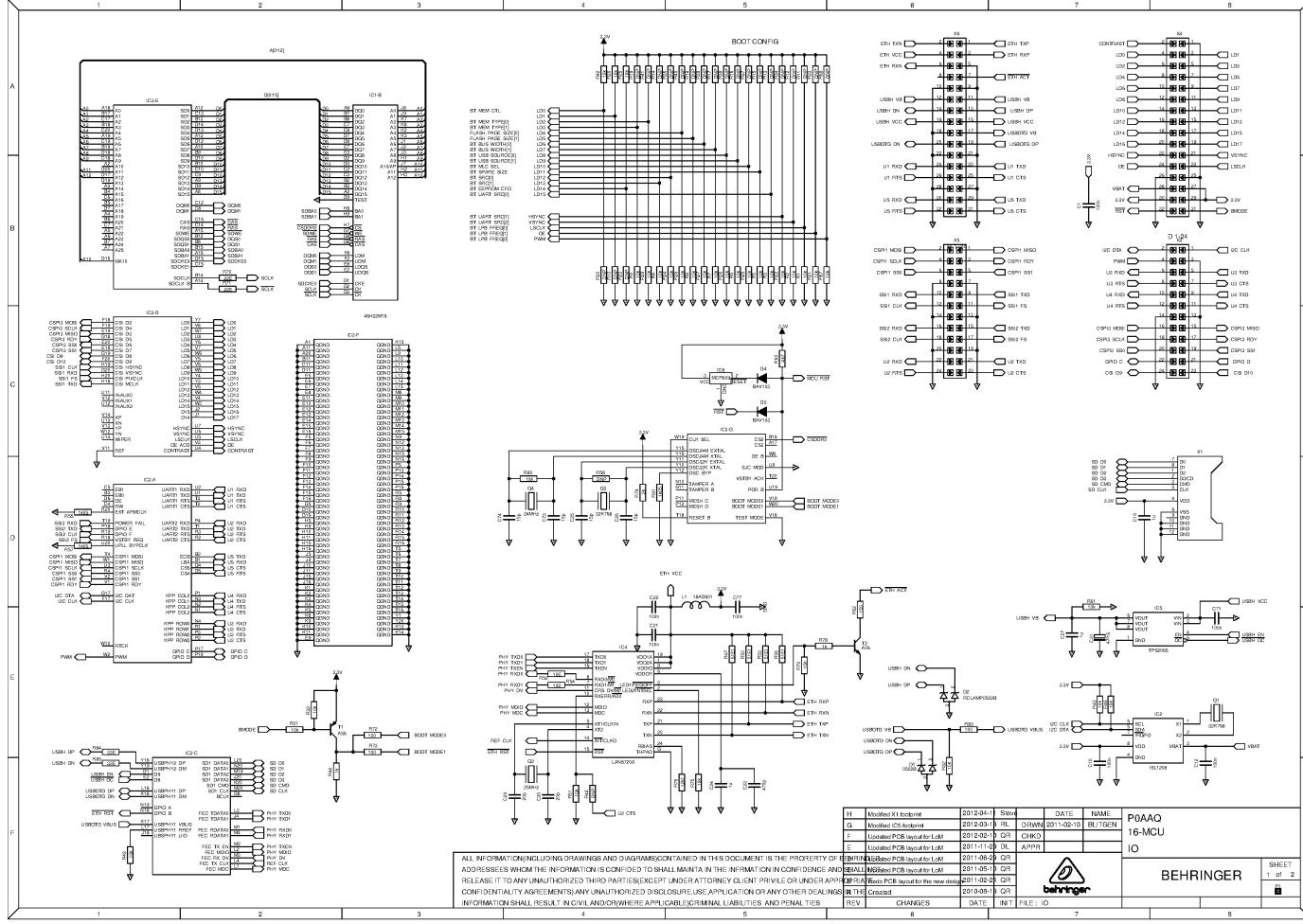
X32

## PCB Schematic



X32

## PCB Schematic

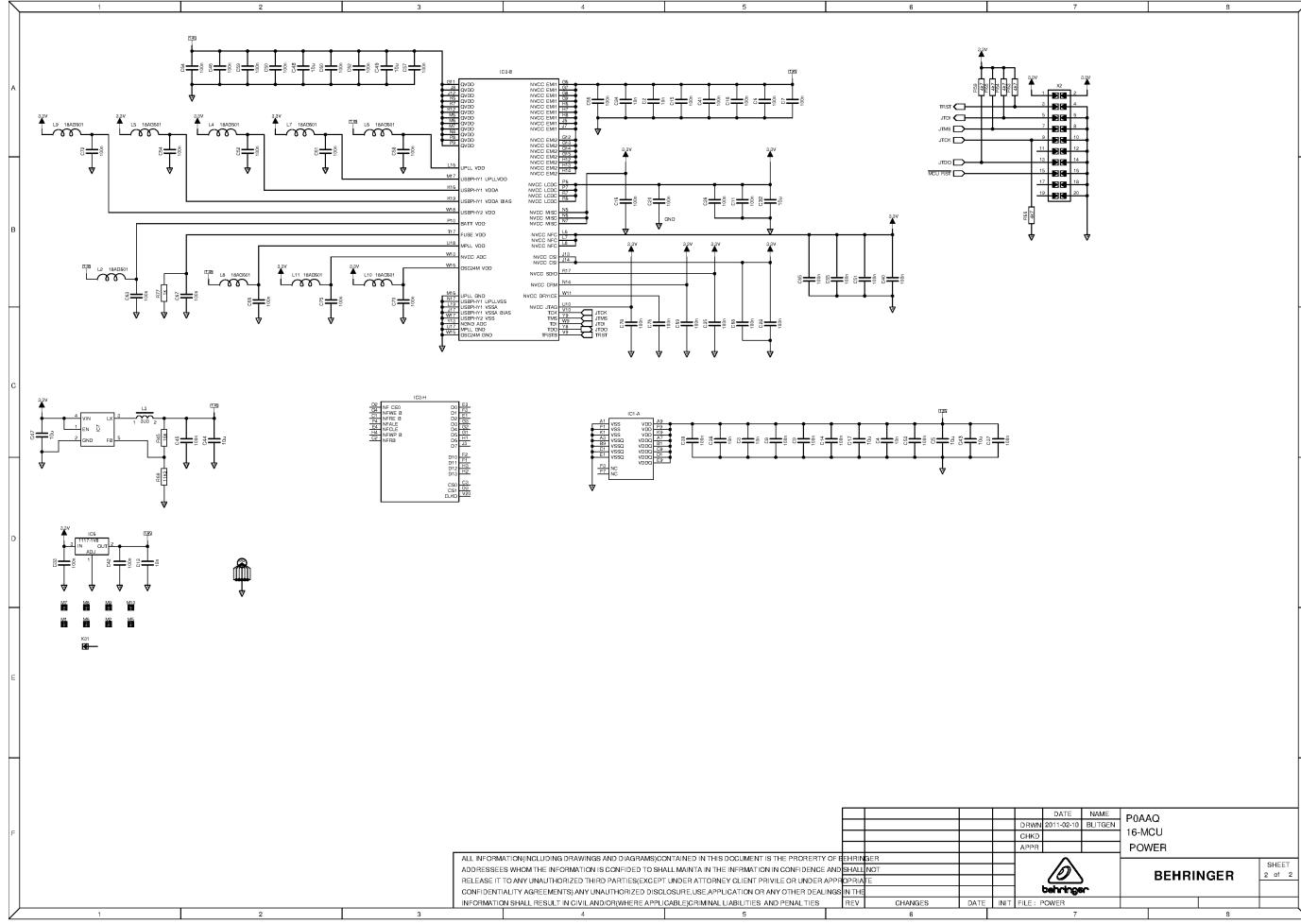


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H	Modified X1 footprint	2012-04-1	Stewie	DATE:	NAME:
G	Modified IC5 footprint	2012-04-1	DHWN	2011-02-10	BLUTGEN
F	Uart section Lm1	2011-02-23	GR	CHRD	
E	Uart section Lm2	2011-11-20	GR	AIRP	
D	Uart section Lm3	2011-08-29	GR	BEHRINGER	
C	Uart section Lm4	2011-05-1	GR	P0AAQ	
B	Uart section Lm5	2011-02-23	GR	16-MCU	
A	Uart section Lm6	2011-09-1	GR	IO	

X32

## PCB Schematic



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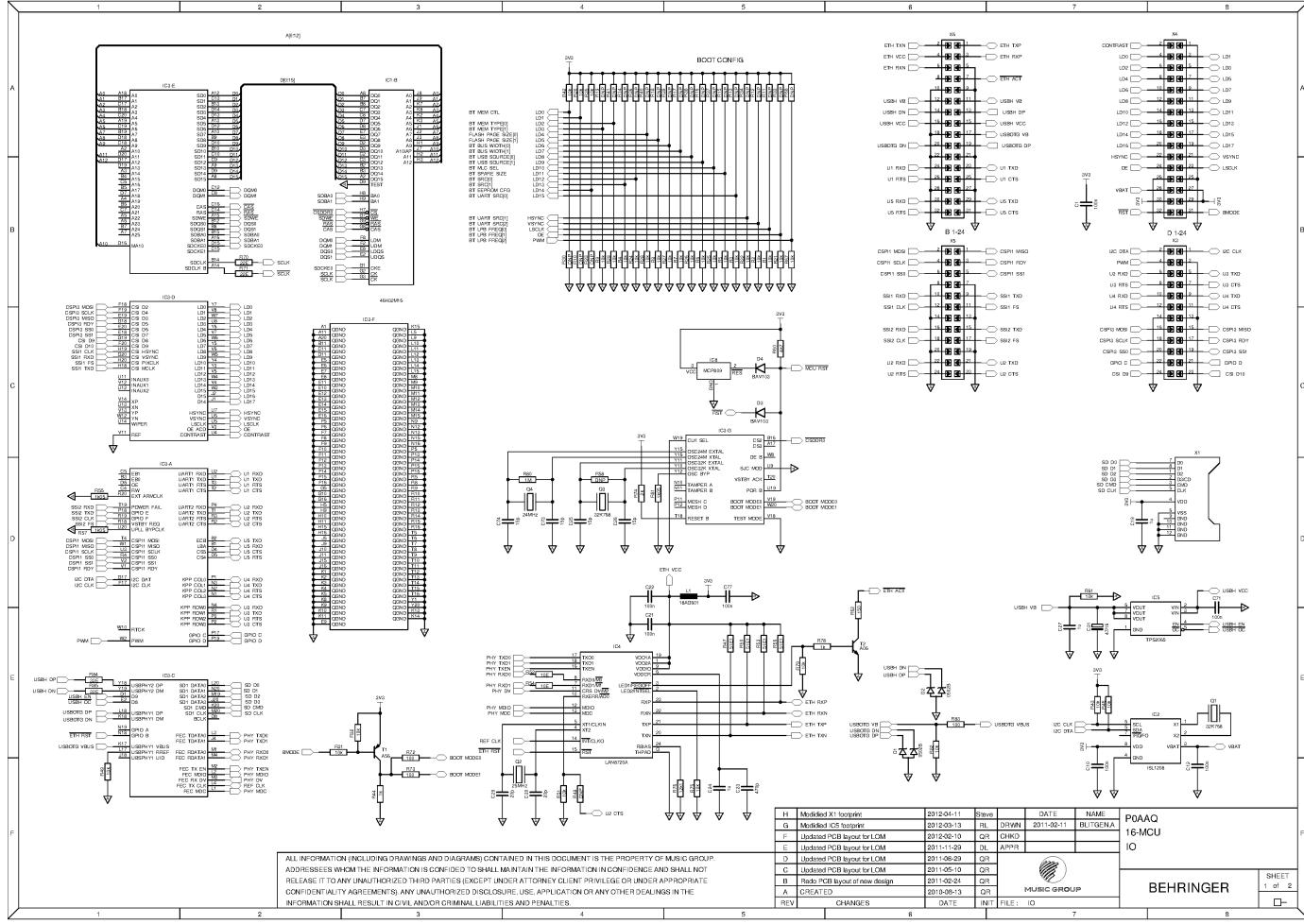
			DATE	NAME
DRAWN	2011-02-10	BLUTGEN	P0AAQ	16-MCU
CHGD				POWER
APPR'D				

**BEHRINGER**

SHEET 2 of 2

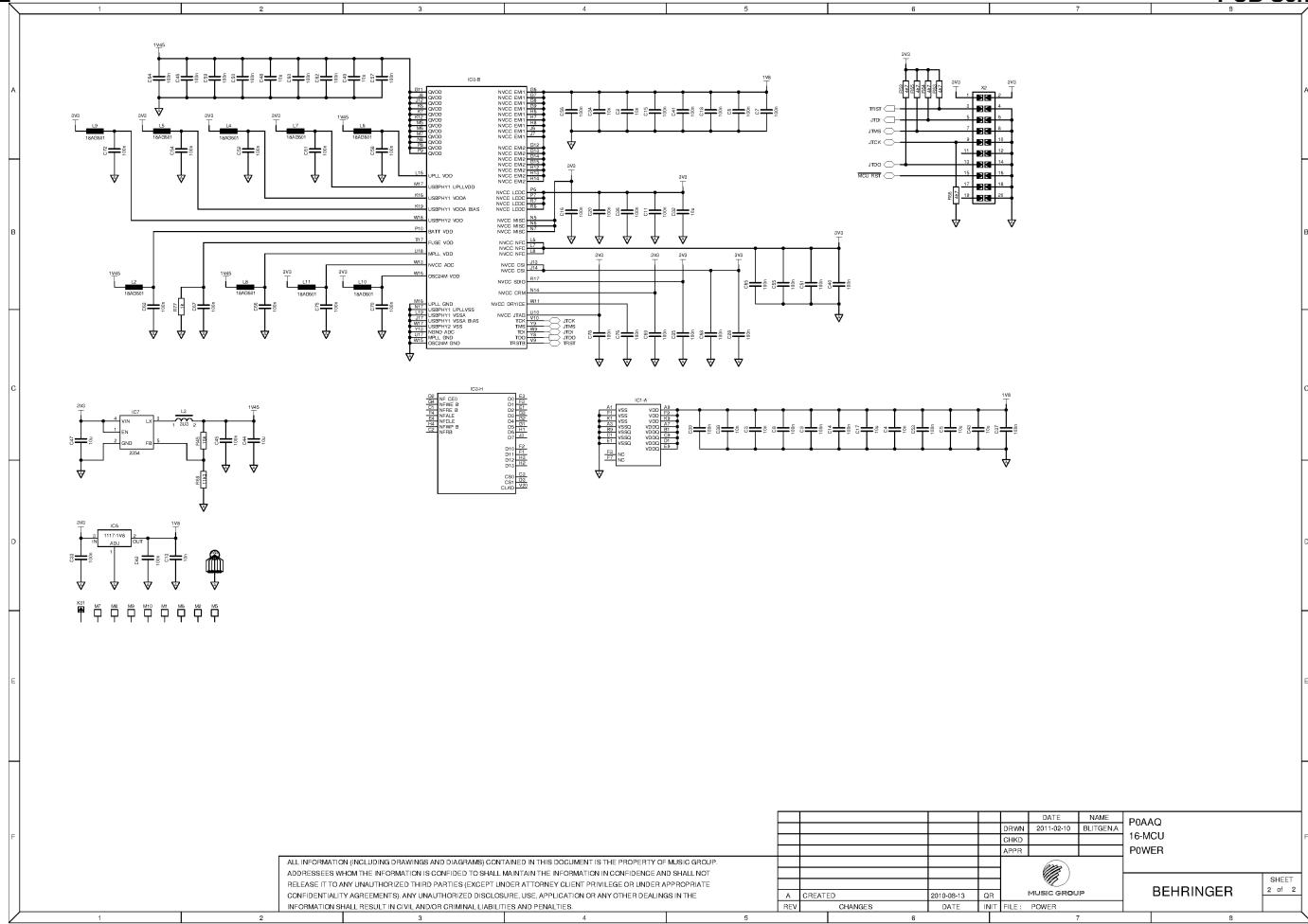
X32

## PCB Schematic



X32

## PCB Schematic



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			DATE	NAME
			2011-02-10	BUTGENA
			2011-02-10	16-MCU
			2011-02-10	POWER
A	CREATED	2010-09-13	Q3	MUSIC GROUP
REV	CHANGES	DATE	INIT	BEHRINGER
			FILE:	POWER
				EFFECT 2 of 2

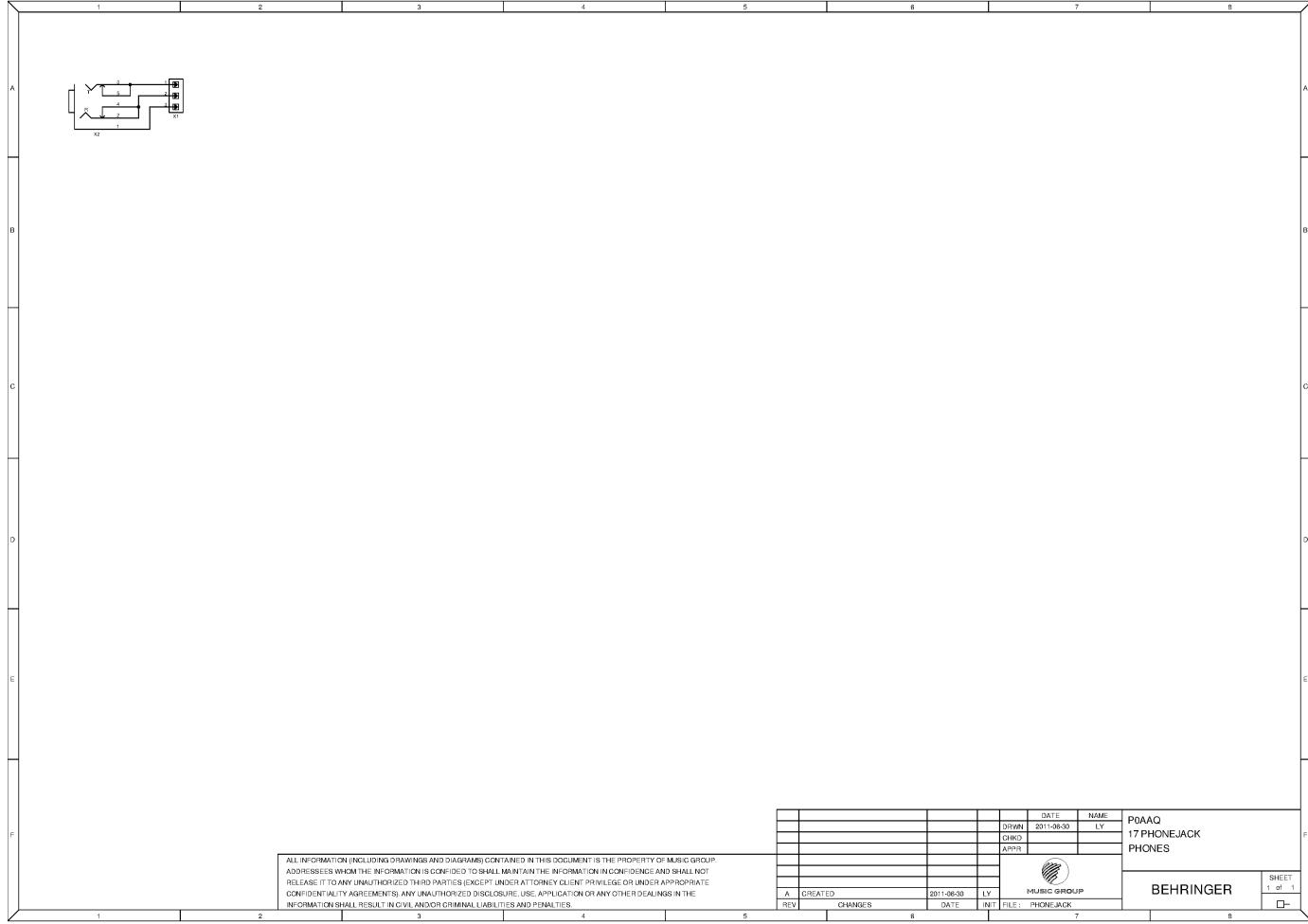
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PCB Schematic



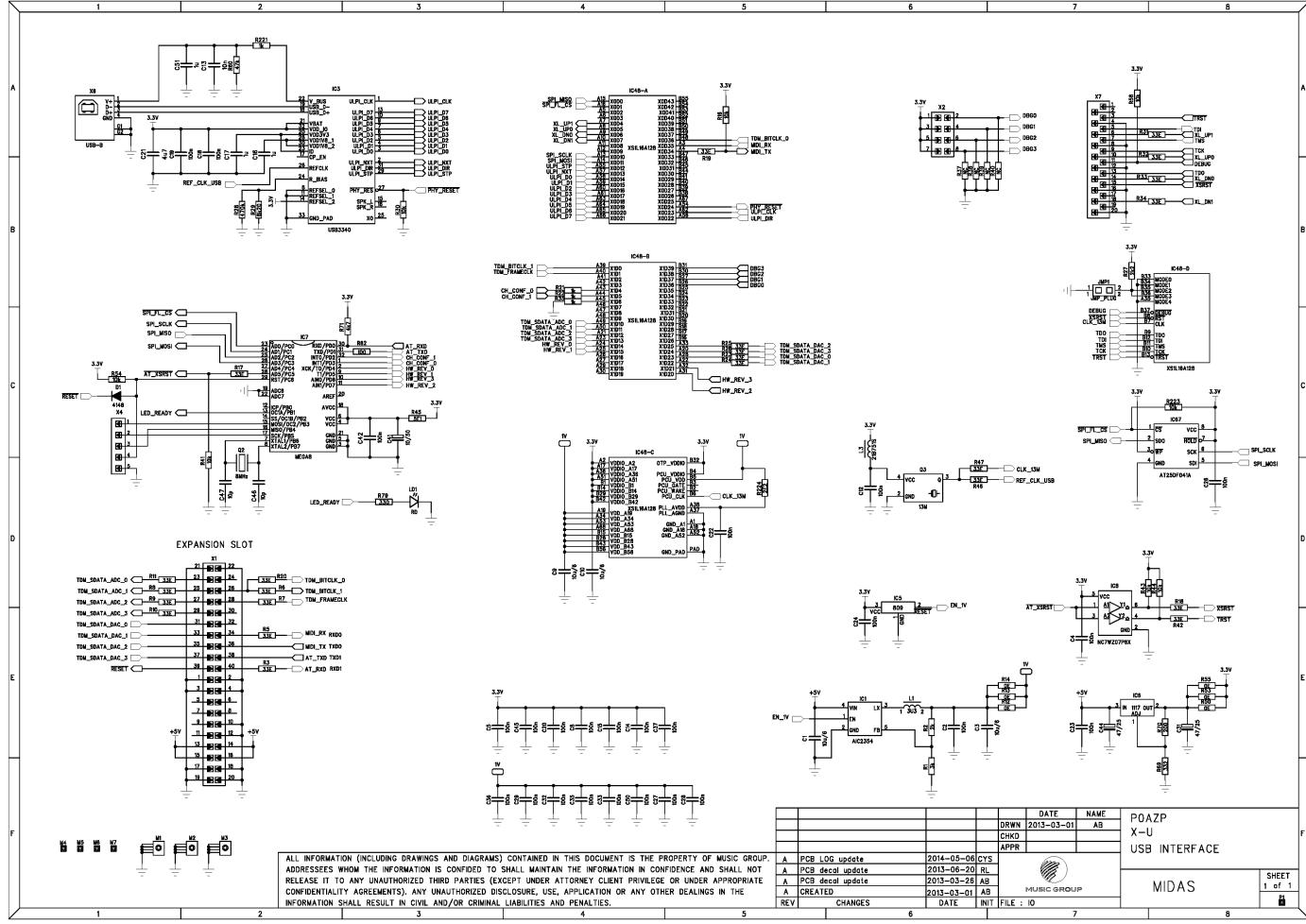
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PCB Schematic



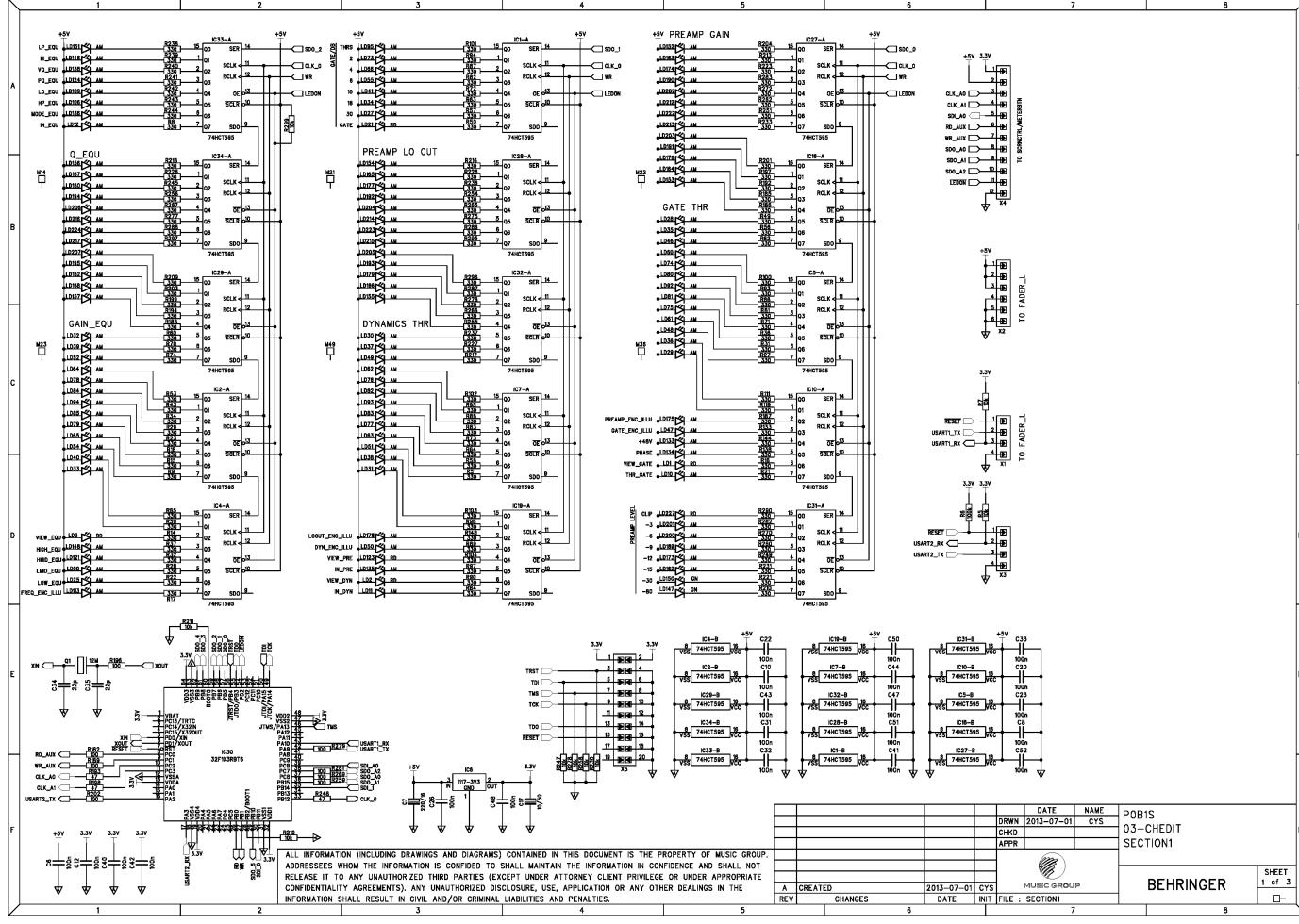
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## PCB Schematic



X32

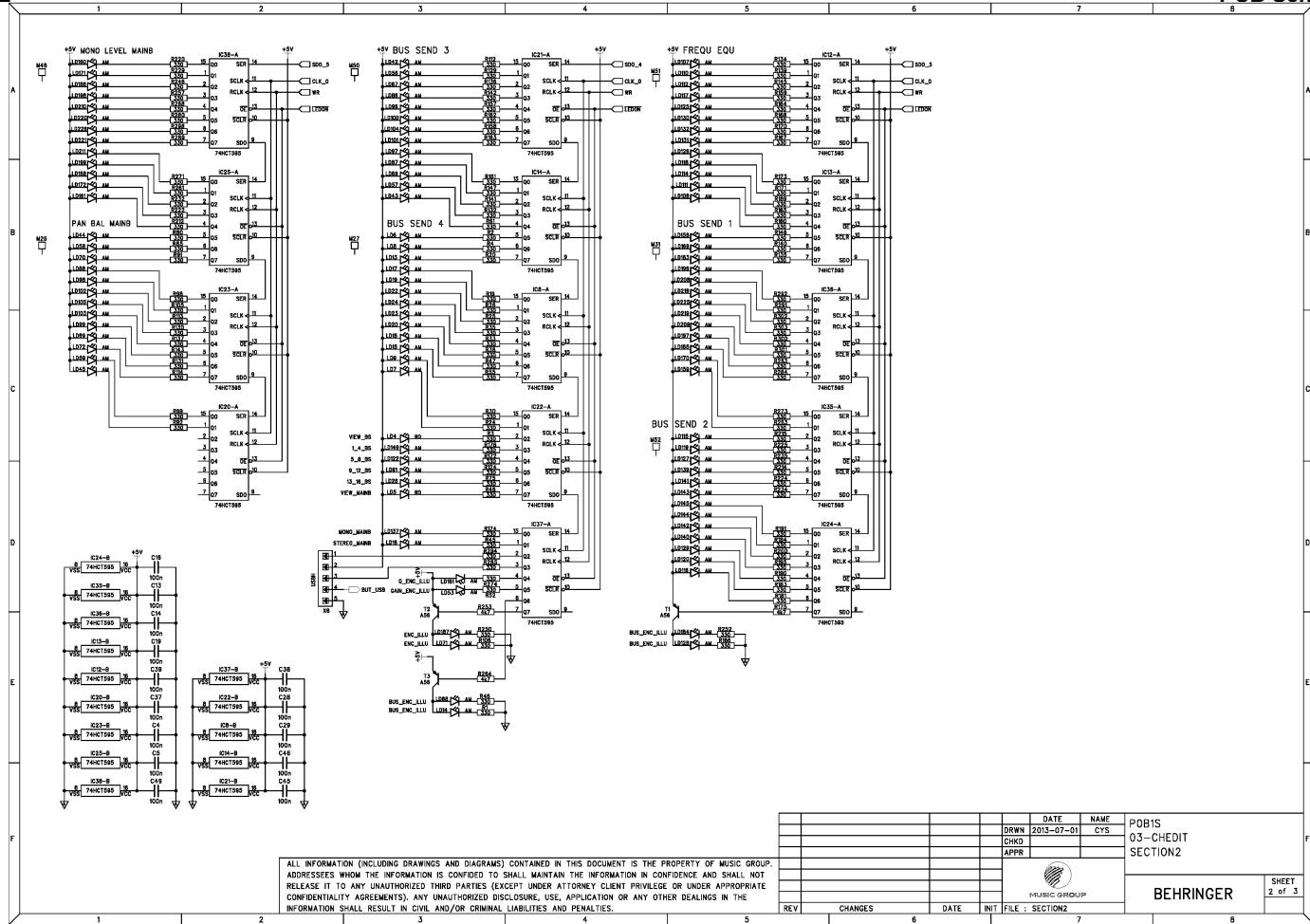
## PCB Schematic



	DATE	NAME	POB1S
	DRW	CYS	03-CREDIT
	CNS		SECTION1
A	CREATED	2013-07-01	CYS
REV	CHANGES	DATE	INIT FILE : SECTION1
			MUSIC GROUP
			BEHRINGER
			SHEET 1 of 3

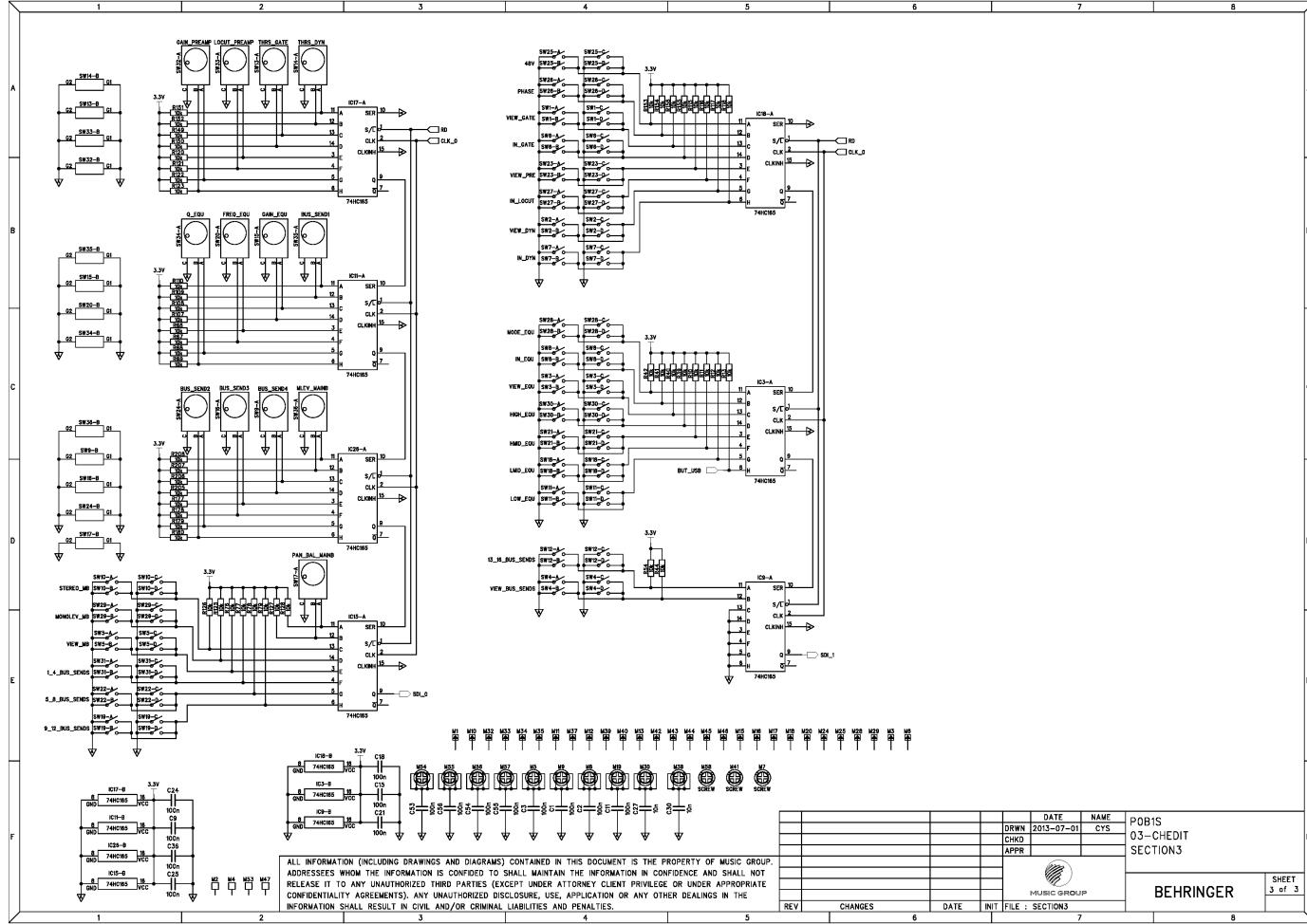
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## PCB Schematic



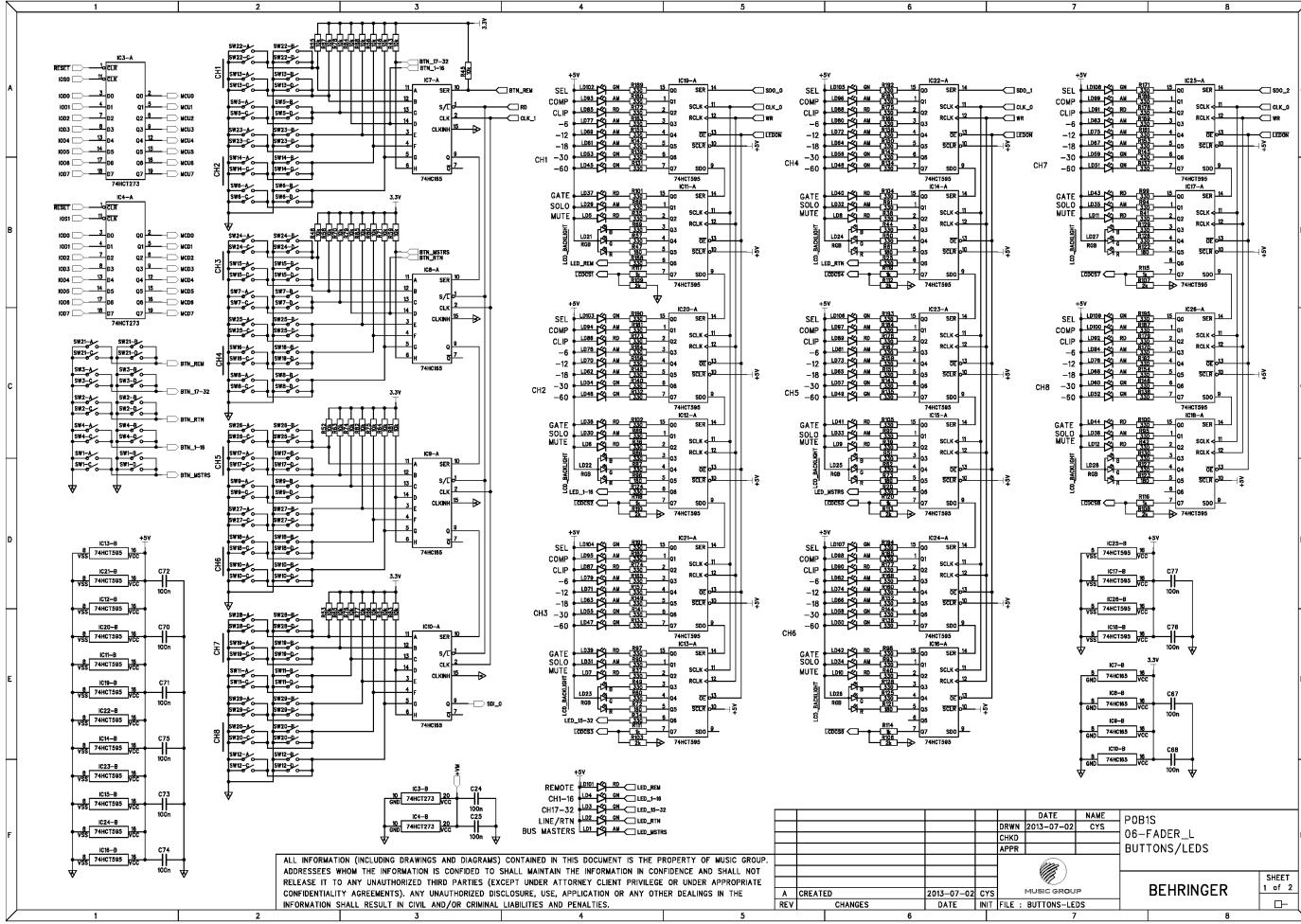
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## PCB Schematic



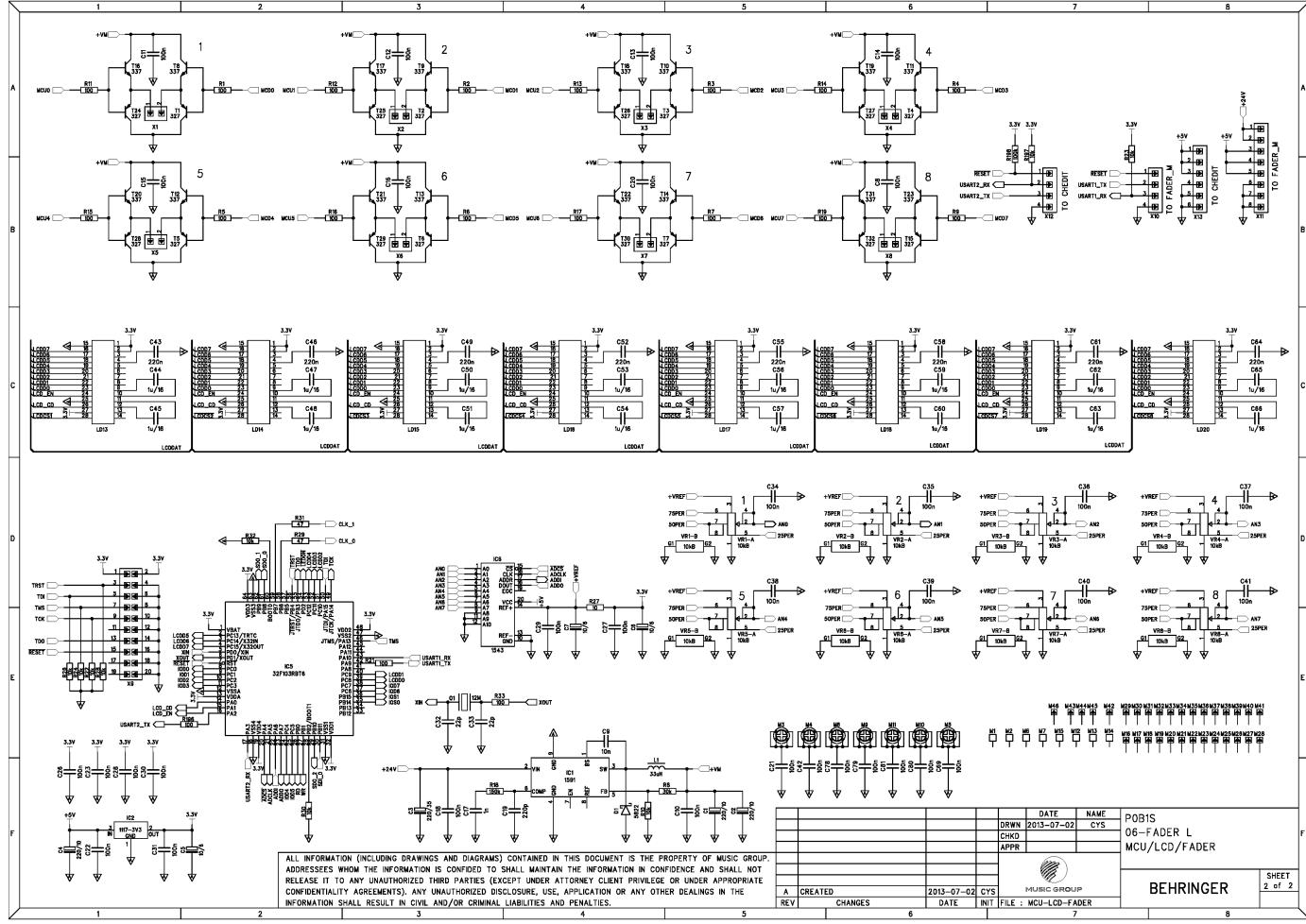
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## PCB Schematic



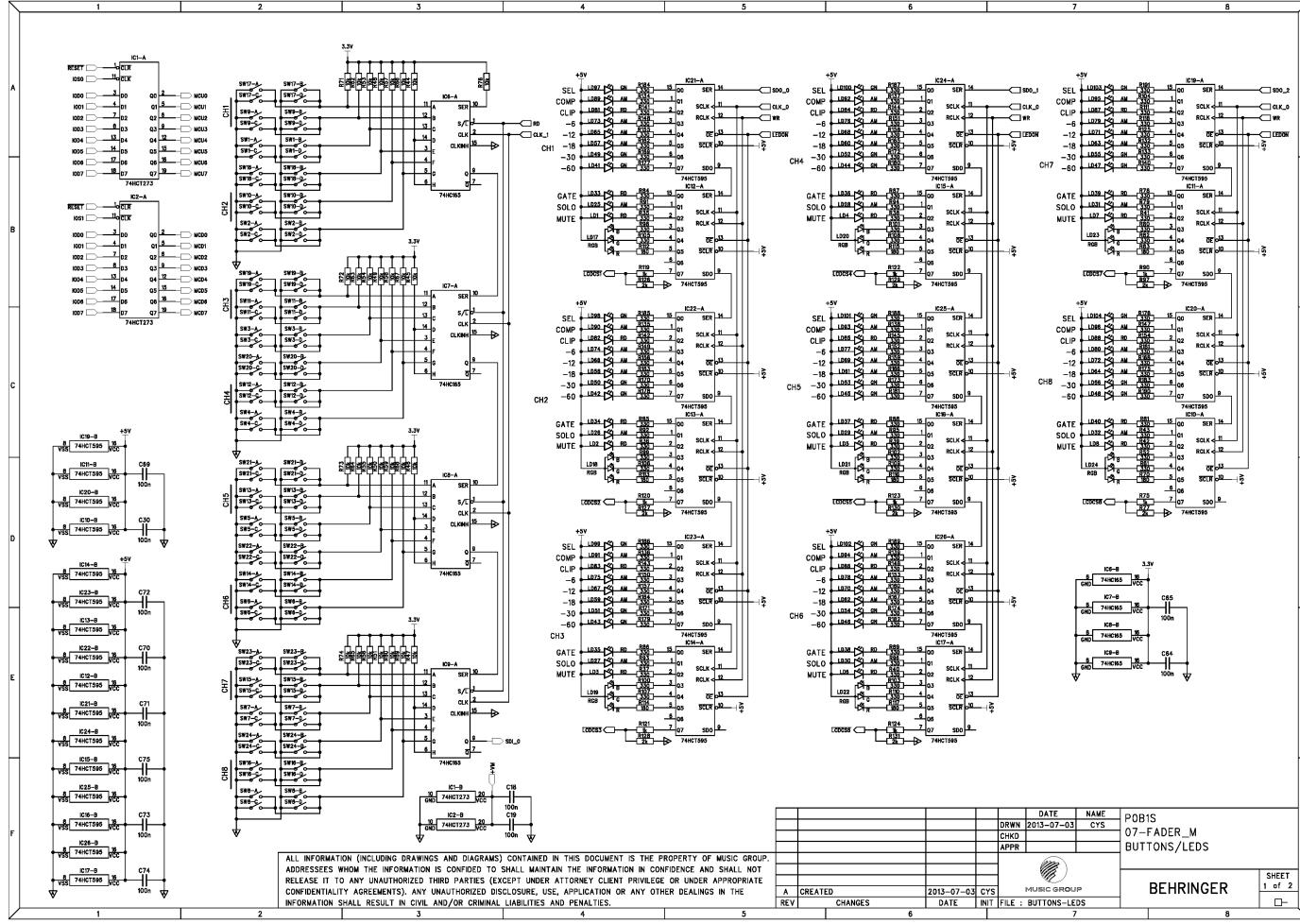
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## PCB Schematic



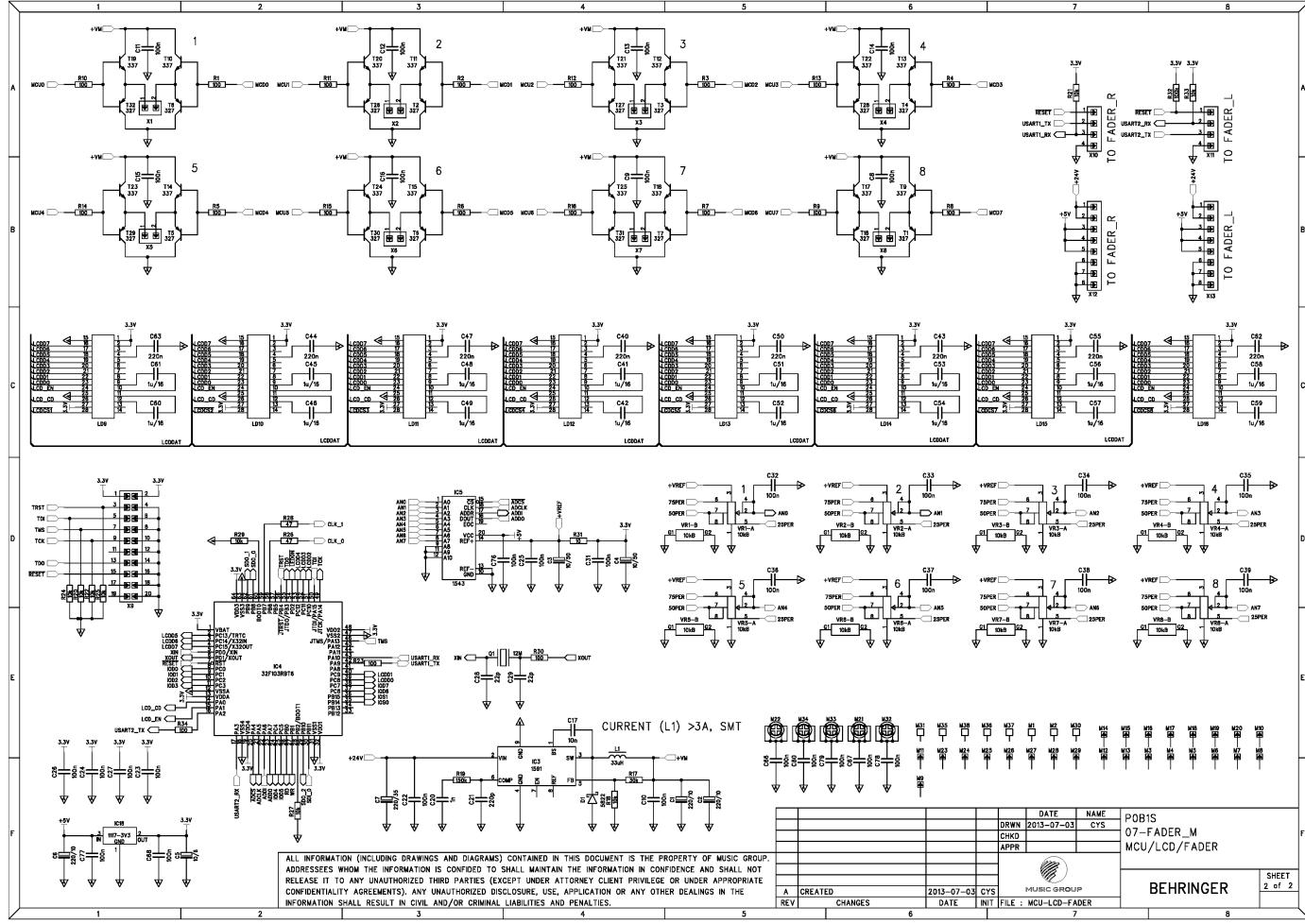
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## PCB Schematic



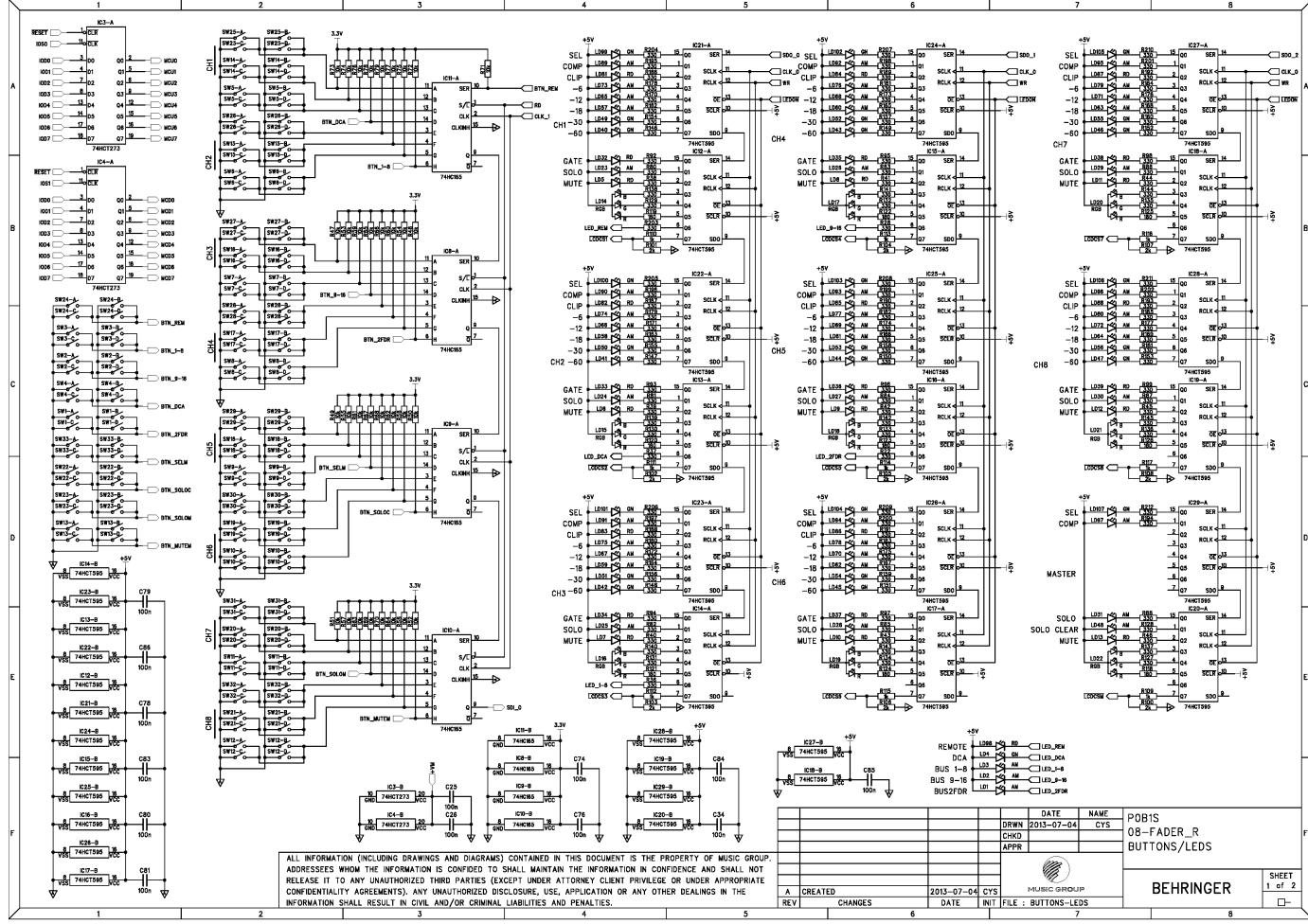
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## PCB Schematic



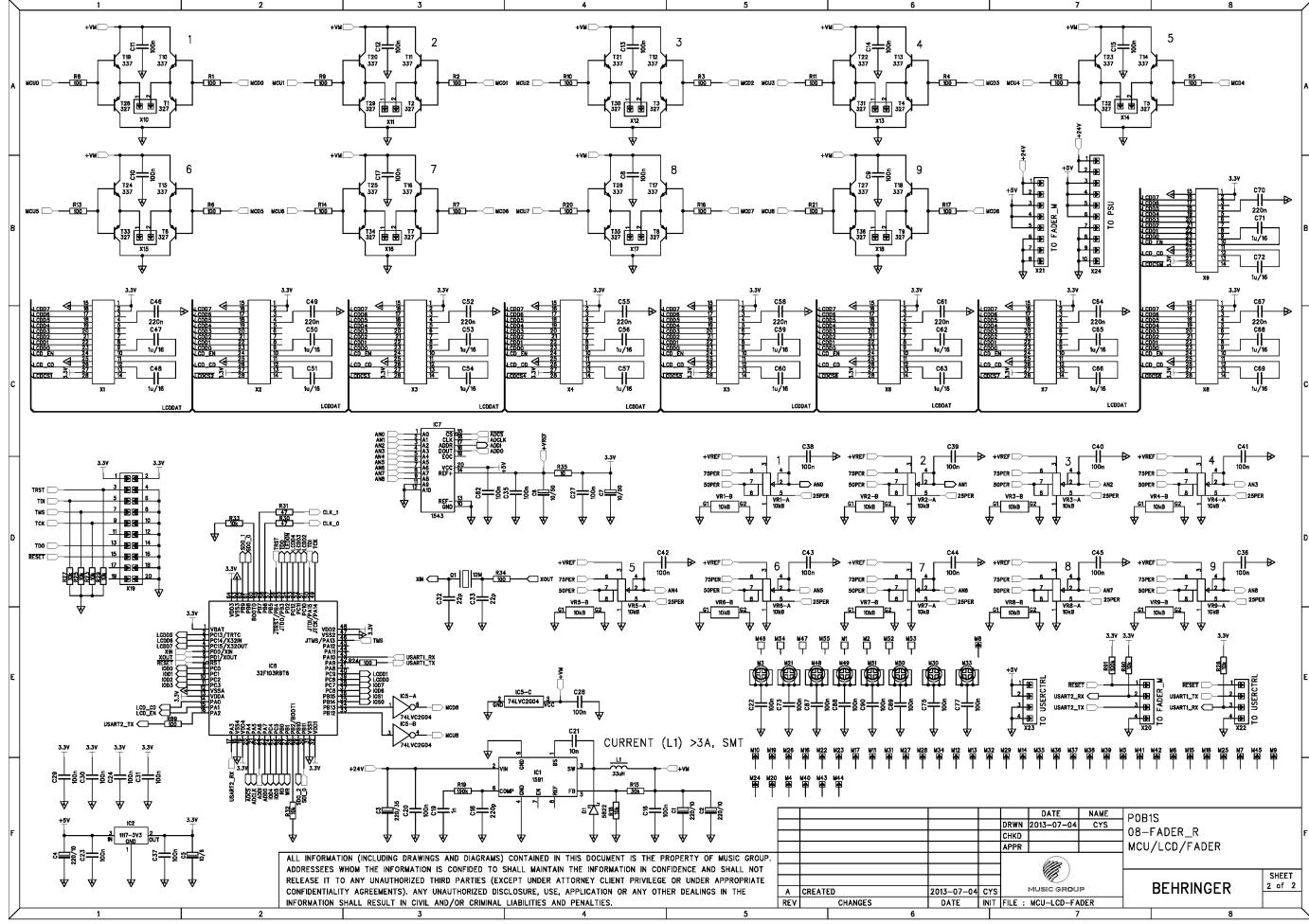
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## PCB Schematic



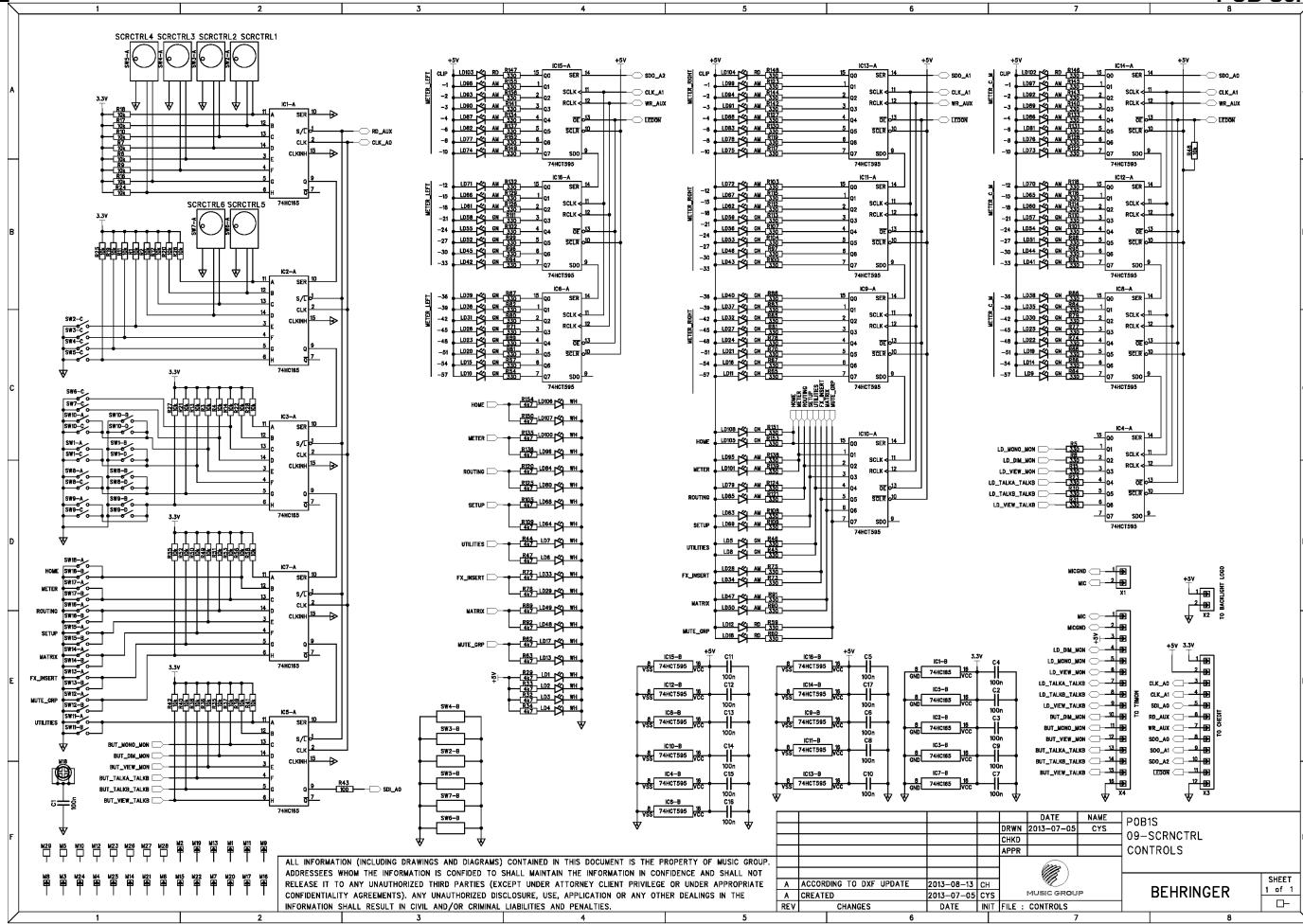
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## PCB Schematic



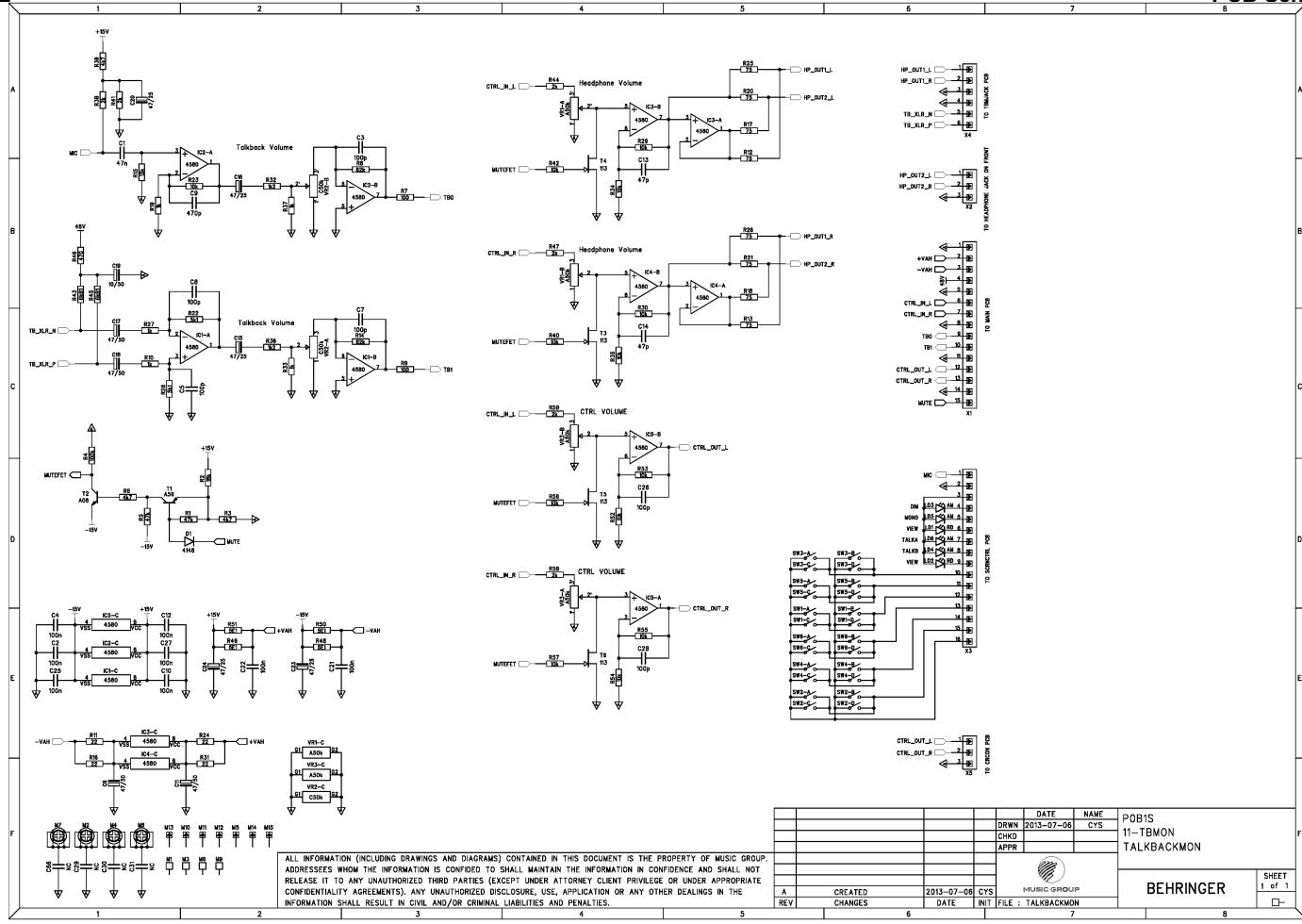
X32

## PCB Schematic



X32

## PCB Schematic



X32

PCB Schematic

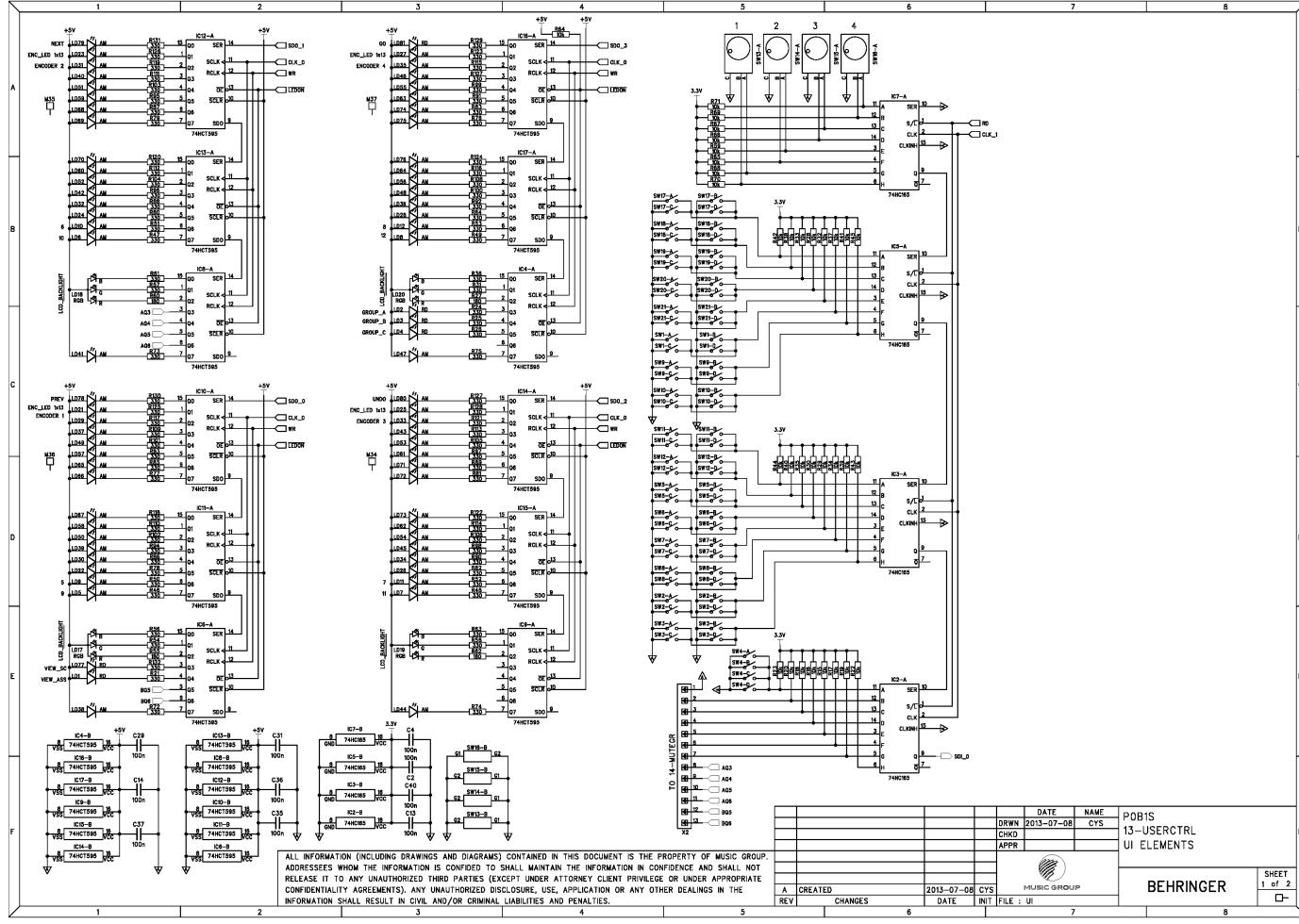


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		DATE	NAME	POB1S
		DRW	CYS	12-USBH
		CHG		USB INPUT
A	CREATED	2013-07-07	CYS	MUSIC GROUP
REV	CHANGES	DATE	INIT FILE : USB	BEHRINGER
				SHEET 1 of 1

X32

## PCB Schematic

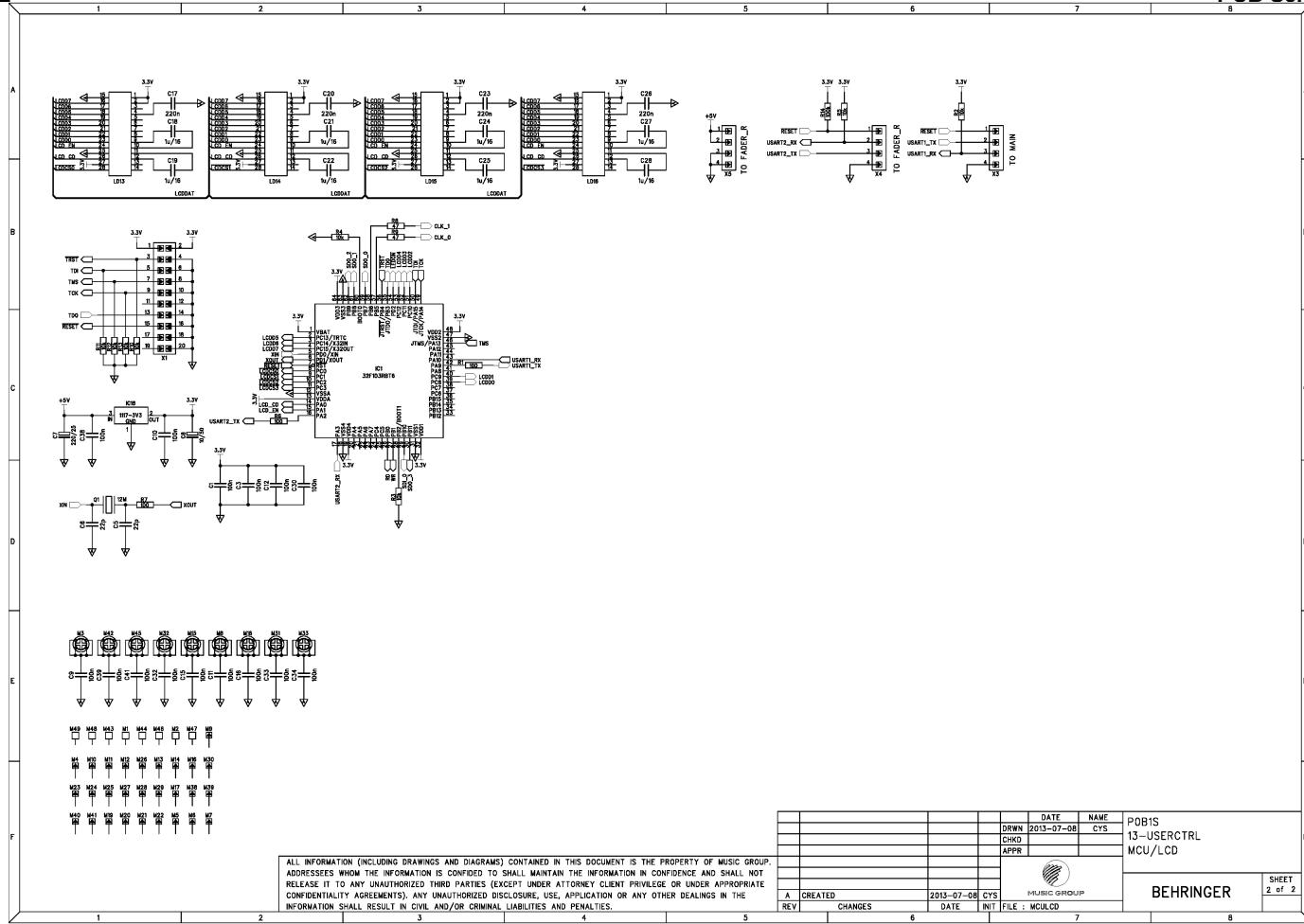


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	DATE	NAME	POB1S
	DRW	CYS	13-USERCTRL
	CGRW		UI ELEMENTS
	APPR		
A	CREATED	2013-07-08	MUSIC GROUP
REV	CHANGES	DATE	BEHRINGER
		INIT FILE : UI	SHEET 1 of 2

X32

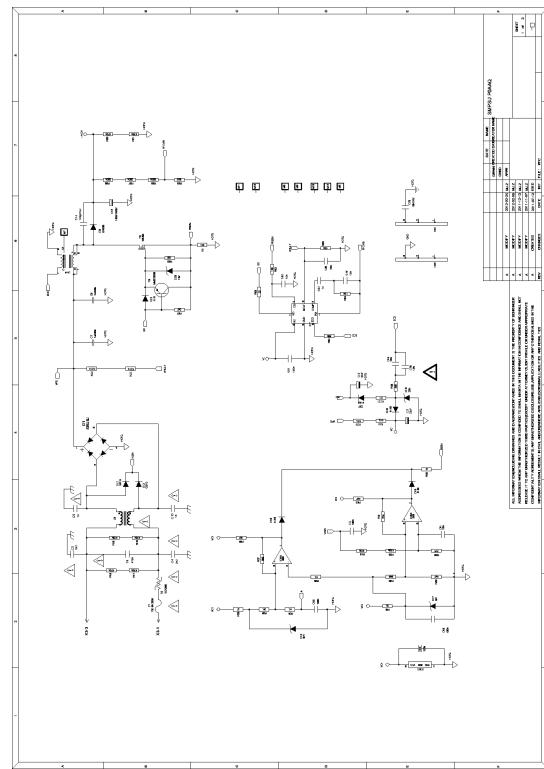
## PCB Schematic

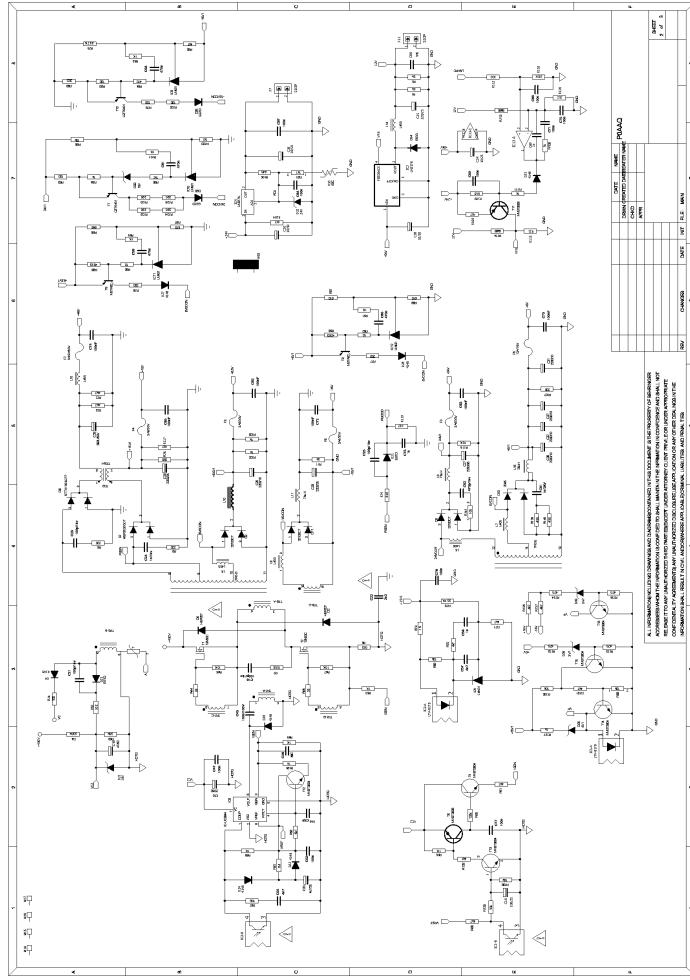


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PCB Schematic

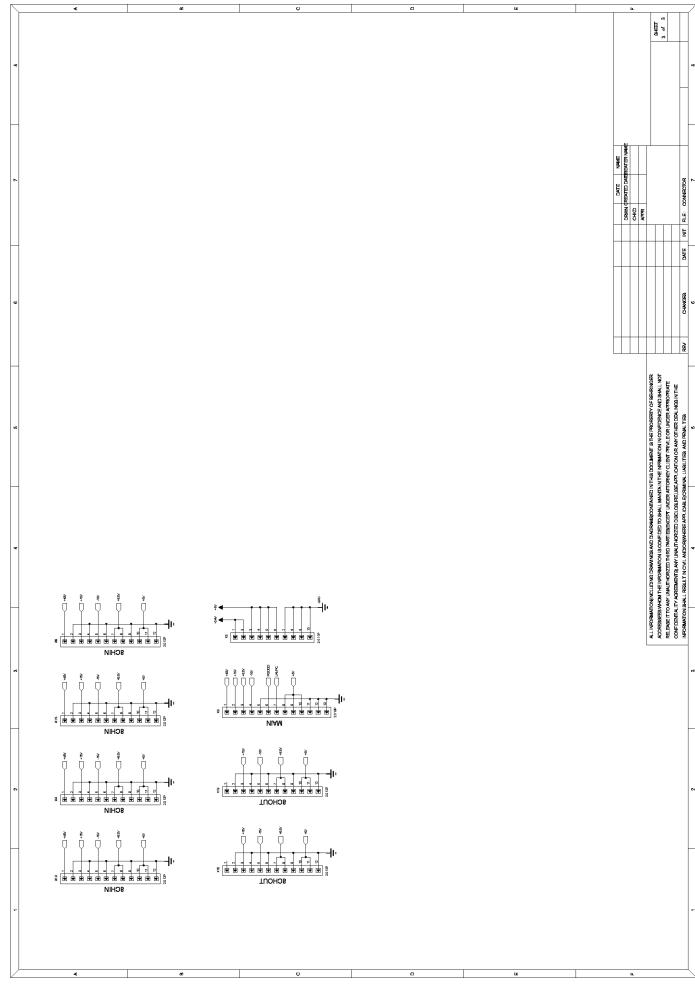


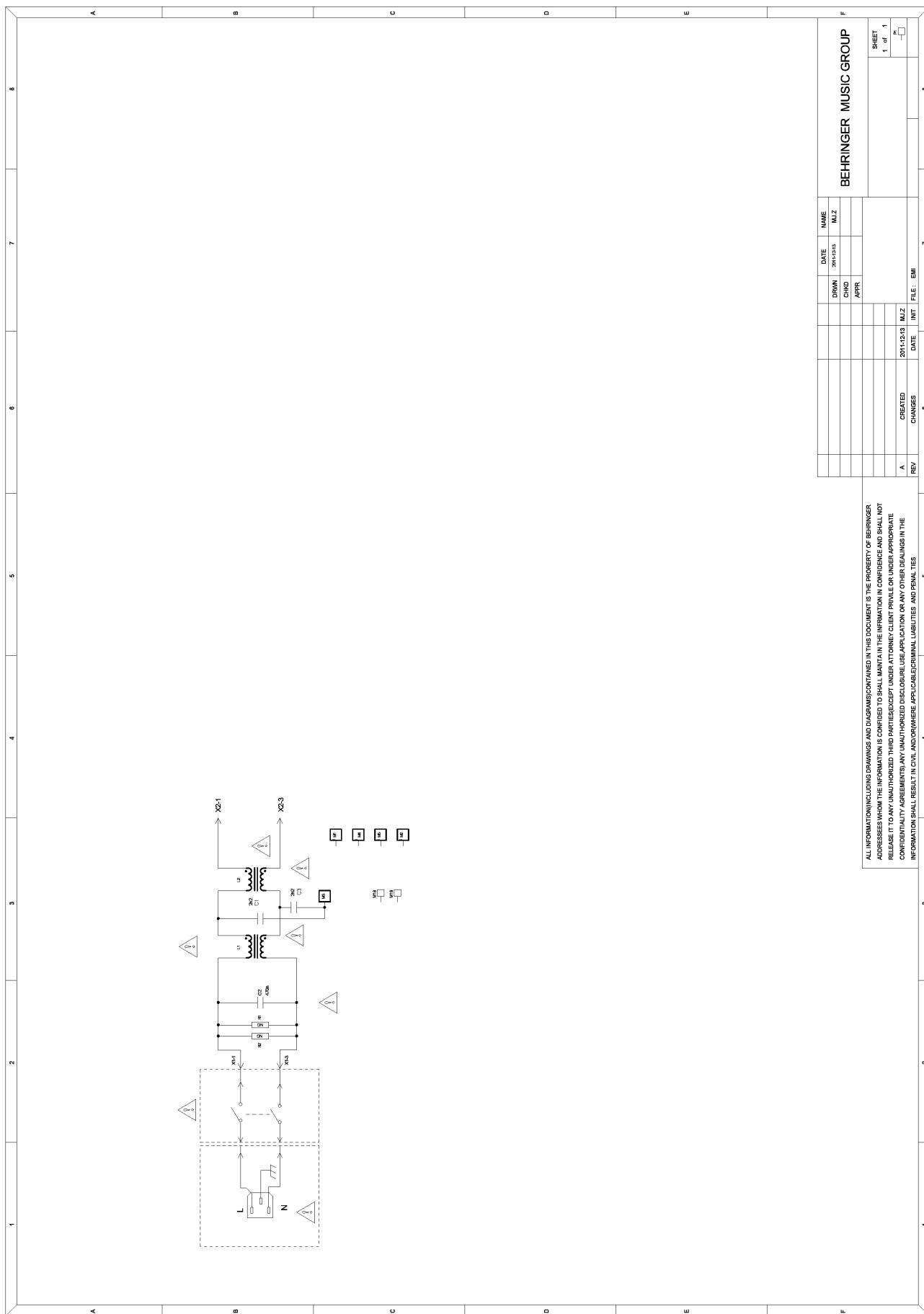




**X32**

**PCB Schematic**





**Hi Pcb Assemblies**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	Q05-00001-77101	A05-00001-77101	PCB ASSEMBLY;1:A;HI;5MPSU37;MAIN		
2	1.0000	PC	Q05-00002-77101	A05-00002-77101	PCB ASSEMBLY;2:A;HI;5MPSU37;EMI		
3	1.0000	PC	Q05-AAQ04-00103	A05-AAQ04-00103	PCB ASSEMBLY;P0AAQ;4;CHI;AUXCON;		
4	1.0000	PC	Q05-AAQ05-00103	A05-AAQ05-00103	PCB ASSEMBLY;P0AAQ;5;CHI;CRCON;		
5	1.0000	PC	Q05-AAQ15-00105	A05-AAQ15-00106	PCB ASSEMBLY;P0AAQ;15;F;H;MAIN		
6	2.0000	PC	Q05-AAQ17-00101	A05-AAQ17-00101	PCB ASSEMBLY;P0AAQ;17;A;HI;PHONEJACK		
7	2.0000	PC		A05-AAQ19-00102	PCB ASSEMBLY;P0AAQ;19;B;H;8CHIN		
8	2.0000	PC		A05-AAQ19-20102	PCB ASSEMBLY;P0AAQ;20;B;H;WITHOUT FPC20;8CHIN		
9	1.0000	PC	Q05-AAQ20-02101	A05-AAQ20-02101	PCB ASSEMBLY;P0AAQ;20;A;H;WITHOUT FPC;8CHOUT		
10	1.0000	PC		A05-AAQ20-03101	PCB ASSEMBLY;P0AAQ;20;A;H;8CHOUT		
11	1.0000	PC	Q05-ASF16-00108	A05-ASF16-00108	PCB ASSEMBLY;P0ASF;PCB16;REV:H;HI;MCU		
12	1.0000	PC		A05-AZP00-00101	PCB ASSEMBLY;PAZP;X;USB;A;H		
13	1.0000	PC		A05-B1503-00101	PCB ASSEMBLY;P0B15;3;A;H;CREDIT		
14	1.0000	PC		A05-B1506-00101	PCB ASSEMBLY;P0B15;6;A;H;FADER_L		
15	1.0000	PC		A05-B1507-00101	PCB ASSEMBLY;P0B15;7;A;H;FADER_M		
16	1.0000	PC		A05-B1508-00101	PCB ASSEMBLY;P0B15;8;A;H;FADER_R		
17	1.0000	PC		A05-B1509-00101	PCB ASSEMBLY;P0B15;9;A;H;SCRNCTRL		
18	1.0000	PC		A05-B1510-00103	PCB ASSEMBLY;P0B15;PCB10;REV;CHI;TBMON		
19	1.0000	PC		A05-B1511-00101	PCB ASSEMBLY;P0B15;1;A;H;TBMON		
20	1.0000	PC		A05-B1512-00101	PCB ASSEMBLY;P0B15;12;A;H;USBH		
21	1.0000	PC		A05-B1513-00101	PCB ASSEMBLY;P0B15;13;A;H;USERCTRL		
22	1.0000	PC		A05-B1514-00101	PCB ASSEMBLY;P0B15;14;A;H;MUTEGRP		

**Service Assemblies**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1			Q01-AZP00-00000	A09-AZP00-00000	SPARE PART;PAZP	[EXTRA SPARE]	
2				A09-AAQ01-20002	SPARE PART;P0AAQ;REV;B;VERSION;INPUT;WITHOUT FPC20;8CHIN	[EXTRA SPARE]	
3				A09-AAQ01-00002	SPARE PART;P0AAQ;REV;B;VERSION;8CHIN	[EXTRA SPARE]	
4			Q09-AAQ00-20002	A09-AAQ00-20002	SPARE PART;P0AAQ;REV;B;INPUT;WITHOUT FPC20;8CHIN	[EXTRA SPARE]	
5			Q09-AAQ00-00002	A09-AAQ00-00002	SPARE PART;P0AAQ;REV;B;8CHIN	[EXTRA SPARE]	
6			Q04-B1500-79000	A04-B1500-79000	SUB ASSEMBLY;P0B15;FADER_R	[EXTRA SPARE]	
7			Q04-B1500-43000	A04-B1500-43000	SUB ASSEMBLY;P0B15;MUTEGRP	[EXTRA SPARE]	
8			Q04-B1500-16000	A04-B1500-16000	SUB ASSEMBLY;P0B15;FADER_M	[EXTRA SPARE]	
9				A01-AZP00-00000	MAIN ASSEMBLY;P0AZP;X;USB	[EXTRA SPARE]	
10			Q04-B1500-02000	A04-B1500-02000	SUB ASSEMBLY;P0B15;FADER_L	[EXTRA SPARE]	

**Cable**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	Q81-00000-48384	A81-00000-48384	WIRE HARNESS;AWG:18;UL1672;3.96 MM;3:COMMON;PIN1 RED;150 MM;2PUS1121-3P;NO PIN2;PIN3 BLACK		PSU02/X2 PSU01/X3
2	1.0000	PC	Q81-00000-48410	A81-00000-48410	WIRE HARNESS;AWG:18;UL1672;3.96 MM;3:COMMON;PIN1 RED;80 MM;One side S7T7MM;Other side J51121-3P;NO PIN2		AC INLET L AC INLET N , PSU02/X1
3	1.0000	PC		A81-00000-60860	WIRE HARNESS;AWG:26;UL2468;2 MM;13;150 MM;P1018-13P;A2006H-13P		
4	2.0000	PC	Q81-00000-60863	A81-00000-60863	WIRE HARNESS;AWG:26;UL2468;2 MM;12;500 MM;P1018-12P;A2006H-12P		
5	25.0000	PC		A81-00000-60871	WIRE HARNESS;AWG:26;UL2468;2 MM;2;50 MM;A2006H-2P;S/T;5MM		
6	1.0000	PC		A81-00000-60878	WIRE HARNESS;AWG:26;UL2468;2 MM;6;50 MM;P1018-6P;A2006H-6P		
7	2.0000	PC		A81-00000-61276	WIRE HARNESS;AWG:26;UL2468;2 MM;12;400 MM;P1018-12P;A2006H-12P		
8	1.0000	PC		A81-00000-63483	WIRE HARNESS;AWG:26;UL2547;2 MM;3;PIN1 RED;190 MM;A2006H-03;P1018-03;SHIELD PIN3	[P0B15:11:(1.0)(X5)]	
9	1.0000	PC		A81-00000-64880	WIRE HARNESS;AWG:26;UL2468;2 MM;2;630 MM;P1018-2P;A2006H-2P		
10	1.0000	PC		A81-00000-65637	WIRE HARNESS;AWG:26;UL2547;2 MM;5;PIN1 RED;700 MM;A2006H-5P;P1018;SHIELD PINS	[P0B15:12:(1.0)(X3)]	
11	5.0000	PC		A81-00000-66506	WIRE HARNESS;AWG:26;UL2468;2 MM;4:COMMON;60 MM;P1018-4P;A2006H-4P	[P0B15:06:(1.0)(X10)]	
12	2.0000	PC		A81-00000-66508	WIRE HARNESS;AWG:26;UL2468;2 MM;8:COMMON;60 MM;A2006H-8P;P1018-8P	[P0B15:06:(1.0)(X11)]	
13	1.0000	PC		A81-00000-66510	WIRE HARNESS;AWG:26;UL2468;2 MM;12;COMMON;100 MM;A2006H-12P;P1018-12P	[P0B15:09:(1.0)(X3)]	
14	2.0000	PC		A81-00000-66512	WIRE HARNESS;AWG:26;UL2468;2 MM;12;COMMON;500 MM;A2006H-12P;P1018-12P		
15	2.0000	PC		A81-00000-66517	WIRE HARNESS;AWG:26;UL2468;2 MM;6:COMMON;60 MM;A2006H-6P;P1018-6P	[P0B15:03:(1.0)(X2)]	
16	2.0000	PC		A81-00000-66520	WIRE HARNESS;AWG:26;UL2468;2 MM;12;COMMON;400 MM;A2006H-12P;P1018-12P	[P0AAQ:20:(1.0)(X1)]	
17	25.0000	PC		A81-00000-66521	WIRE HARNESS;AWG:26;UL2468;2 MM;2:COMMON;55 MM		
18	1.0000	PC		A81-00000-66526	WIRE HARNESS;AWG:26;UL2468;2 MM;5:COMMON;60 MM;A2006H-5P;P1018-5P	[P0B15:12:(1.0)(X2)]	
19	1.0000	PC		A81-00000-66528	WIRE HARNESS;AWG:26;UL2468;2 MM;16:COMMON;120 MM;A2006H-16P;P1018-16P	[P0B15:11:(1.0)(X3)]	
20	1.0000	PC		A81-00000-66530	WIRE HARNESS;AWG:26;UL2468;2 MM;13;COMMON;150 MM;A2006H-13P;P1018-13P	[P0AAQ:15:(1.0)(X1)]	PUS01/X9
21	1.0000	PC		A81-00000-66537	WIRE HARNESS;AWG:26;UL2468;2 MM;3:COMMON;400 MM;A2006H-3P;P1018-3P	[P0B15:11:(1.0)(X2)]	
22	1.0000	PC		A81-00000-66539	WIRE HARNESS;AWG:26;UL2468;2 MM;13;COMMON;70 MM;A2006H-13P;P1018-13P	[P0B15:14:(1.0)(X1)]	
23	1.0000	PC		A81-00000-66683	WIRE HARNESS;AWG:26;UL2468;2 MM;10:COMMON;520 MM	[P0B15:08:(1.0)(X24)]	
24	1.0000	PC		A81-00000-66684	WIRE HARNESS;AWG:26;UL2468;2 MM;4:COMMON;680 MM	[P0B15:13:(1.0)(X3)]	
25	1.0000	PC		A81-00000-66685	WIRE HARNESS;AWG:26;UL2468;2 MM;2:COMMON;630 MM	[P0B15:10:(1.0)(X8)]	PSU01/X11
26	1.0000	PC		A81-00000-70367	WIRE HARNESS;1200 MM;AWG:26;UL2468;2 MM;15;A2006H-15P;P1018-15P	[P0AAQ:15:(1.0)(X9)]	PCB11TBMON/X1
27	1.0000	PC	Q81-00000-70554	A81-00000-70554	WIRE HARNESS;1100 MM;AWG:26;UL2547;2 MM;3;PIN1 RED;PIN3 SHIELD;P1018-3P;A2006H-3P	[P0B15:10:(1.0)(X7)]	PCB17 PHONE JACK(1)/X1
28	2.0000	PC	Q81-00000-70695	A81-00000-70695	WIRE HARNESS;260 MM;AWG:26;UL2468;2 MM;12;P1018-12P;A2006H-12P		
29	1.0000	PC	Q85-00000-23550	A85-00000-23550	WIRE HARNESS;0.5 MM;40;400MM;FLEX FLAT CABLE		PCB15 MAIN/X5 LCD
30	1.0000	PC	Q85-00000-39129	A85-00000-39129	WIRE HARNESS;1 MM;20;140 MM;FLEX FLAT CABLE		PCB15 MAIN/14;PCB02 8CH OUT(1)/X3

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
31	1.0000	PC	Q85-00000-39130	A85-00000-39130	WIRE HARNESS;1 MM;24:280 MM;FLEX FLAT CABLE		PCB04 AUXCON/X14, PCB15 MAIN/X15
32	5.0000	PC	Q85-00000-39131	A85-00000-39131	WIRE HARNESS;1 MM;20:100 MM;FLEX FLAT CABLE		PCB02 8CH OUT(1)X4--- PCB02 8CH OUT(2)X3 PCB15 MAIN/X3---PCB01 8CH IN(1)X3---PCB01 8CH IN(2)X3---PCB15 MAIN/X4--- PCB01 8CH IN(3)X4--- PCB01 8CH IN(4)X3--- PCB01 8CH IN(4)X4
33	1.0000	PC		A81-00000-66685	WIRE HARNESS;AWG:26;UL2468;2 MM;2;COMMON;630 MM	[P0B15:10: {1.0}(X8)]	(EU, UL, UK, SAA, BR, AR, HM)
34	1.0000	PC	Q76-15032-55649	A76-15032-55649	CABLE:AC-CORD;CLASS II;W/POLYBAG;JAPAN;LENGTH:150cm;POLES:3;APPROVAL:PSE;JS15S 3 + VCTF 3x0.75mm <sup>2</sup> + V1528		(HM, SH)
35	1.0000	PC	Q85-00000-39130	A85-00000-39130	WIRE HARNESS;1 MM;24:280 MM;FLEX FLAT CABLE		(EU, UL, UK, SAA, BR, AR, HM)
36	1.0000	PC	Q85-00000-23550	A85-00000-23550	WIRE HARNESS;0.5 MM;40:400MM;FLEX FLAT CABLE		(EU, UL, UK, SAA, BR, AR, HM)
37	1.0000	PC		A81-00000-70367	WIRE HARNESS;1200 MM;AWG:26;UL2468;2 MM;15;A2006H-15P;P1018:15P	[P0AAQ:15: {1.0}(X9)]	(EU, UL, UK, SAA, BR, AR, HM)
38	1.0000	PC	Q81-00000-70554	A81-00000-70554	WIRE HARNESS;1100 MM;AWG:26;UL2547;2 MM;3;PIN1 RED;PIN3 SHIELD;P1018-3P;A2006H-3P	[P0B15:10: {1.0}(X7)]	(EU, UL, UK, SAA, BR, AR, HM)
39	0.0000	PC		A76-18050-06505	CABLE:AC-CORD;LENGTH:180cm;VERSION:SAA;PLUG;HE105 ISOLATED:SAA H05VV-F 3x0.75mm <sup>2</sup> CONN.HP-3;PANYU		(SAA)
40	1.0000	PC		A81-00000-66530	WIRE HARNESS;AWG:26;UL2468;2 MM;13;COMMON;150 MM;A2006H-13P;P1018:13P	[P0AAQ:15: {1.0}(X1)]	(EU, UL, UK, SAA, BR, AR, HM)
41	1.0000	PC	Q81-00000-48410	A81-00000-48410	WIRE HARNESS;AWG:18;UL1672:3.96 MM;3;COMMON;PIN1 RED;80 MM;One side S/1:7MM;Other side JS1121-3P;NO PIN2		(EU, UL, UK, SAA, BR, AR, HM)
42	1.0000	PC	Q76-15042-05624	A76-15042-05624	CABLE:AC-CORD;W/POLYBAG;LENGTH:150cm;H05VV-F3G0.75MM;2;VERSION:UK;SPEC.NO:05624		(UK)
43	1.0000	PC	Q76-18050-47490	A76-18050-47490	CABLE:AC-CORD;LENGTH:180cm;VERSION:SAA;PLUG;HE105 ISOLATED:SAA H05VV-F 3x0.75mm <sup>2</sup> CONN.HP-3;SPEC.NO:47490		(SAA)
44	1.0000	PC	Q76-15222-06417	A76-15222-06417	CABLE:AC-CORD;W/POLYBAG;LENGTH:152cm;AWG:18;VERSION:UL;SPEC.NO:06417		(UL)
45	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)
46	5.0000	PC	Q85-00000-39131	A85-00000-39131	WIRE HARNESS;1 MM;20:100 MM;FLEX FLAT CABLE		(EU, UL, UK, SAA, BR, AR, HM)
47	1.0000	PC	Q85-00000-39129	A85-00000-39129	WIRE HARNESS;1 MM;20:140 MM;FLEX FLAT CABLE		(EU, UL, UK, SAA, BR, AR, HM)
48	1.0000	PC	Q76-15212-03119	A76-15212-03119	CABLE:AC-CORD;W/POLYBAG;LENGTH:152cm;H05VV-F 3G 0.75MM;2;VERSION:EU;SPEC.NO:03119		(EU)
49	1.0000	PC	Q81-00000-48384	A81-00000-48384	WIRE HARNESS;AWG:18;UL1672:3.96 MM;3;COMMON;PIN1 RED;150 MM;2P;JS1121-3P;NO PIN2;PIN3 BLACK		(EU, UL, UK, SAA, BR, AR, HM)
50	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**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	5.0000	PC			CAP E10uF;6V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0B1S6: (3.0)(C5-C7)]	*NOT available in DP
2	9.0000	PC			CAP E220uF;10V;PITCH:2mm;5.6mm x 11mm;VERTICAL 12.7-15-9mm	[P0B1S6: (3.0)(C1-C2,C4)]	*NOT available in DP
3	2.0000	PC			CAP E100uF;16V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AAQ15: (2.0)(C46,C65)]	*NOT available in DP
4	4.0000	PC			CAP E220uF;16V;PITCH:2mm;5.3mm x 12mm;VERTICAL 12.7-15-9mm	[P0AAP:06: (1.0)(C39)]	*NOT available in DP
5	1.0000	PC			CAP E220uF;16V;PITCH:2mm;5.6mm x 12mm;VERTICAL 12.7-15-9mm	[P0B1S03: (1.0)(C7)]	*NOT available in DP
6	33.0000	PC			CAP E1mF;16V;PITCH:5mm;10mm x 16mm;VERTICAL 12.7-15-9mm	[P0AAQ15: (1.0)(C247)]	*NOT available in DP
7	19.0000	PC			CAP E47uF;25V;PITCH:2mm;5.5mm x 11mm;UNCUT;VERTICAL 12.7-15-9mm	[P0AAQ15: (19.0)(C1,C14,C32,C42,C64,C78,C88-C89,C95,C102-C103,C110,C127,C136,C138,C145,C151-C152,C156)]	*NOT available in DP
8	43.0000	PC			CAP E47uF;25V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AZP:00: (2.0)(C31,C44)]	*NOT available in DP
9	28.0000	PC			CAP E47uF;25V;PITCH:2mm;5.6mm x 7mm;VERTICAL 12.7-15-9mm	[P0AAQ:20: (14.0)(C24,C31-C34,C44,C68-C75)]	*NOT available in DP
10	136.0000	PC			CAP E100uF;25V;PITCH:2mm;5.6mm x 12mm;VERTICAL 12.7-15-9mm	[P0AAP:06: (2.6)(C43-C44,C78-C93,C182-C189)]	*NOT available in DP
11	6.0000	PC			CAP E1uF;50V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AAP:06: (1.0)(C38)]	*NOT available in DP
12	2.0000	PC			CAP E4uF;750V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AAQ:15: (2.0)(C56,C63)]	*NOT available in DP
13	59.0000	PC			CAP E10uF;50V;PITCH:2mm;5.5mm x 11mm;VERTICAL 12.7-15-9mm	[P0AZP:00: (1.0)(C41)]	*NOT available in DP
14	4.0000	PC			CAP E47uF;50V;PITCH:2mm;5.6mm x 11mm;VERTICAL 12.7-15-9mm	[P0B1S11: (4.0)(C6,C11,C17-C18)]	*NOT available in DP
15	32.0000	PC			CAP E47uF;63V;PITCH:2mm;5.6mm x 11mm;VERTICAL 12.7-15-9mm	[P0AAP:06: (8.0)(C246-C253)]	*NOT available in DP
16	12.0000	PC			CAP E1 mF;63V;PITCH:5.5MM;SIZE:8X12MM;5:AI HIGH:15MM;TAPE:12.7-15-9MM;M85C	[P0AAP:06: (2.0)(C326-C327)]	*NOT available in DP
17	3.0000	PC			CAP E220uF;35V;20%RADIAL;SIZE:8X11.5;PITCH:3.5MM;PRE-CUT:3.2+-0.3	[P0B1S06: (1.0)(C3)]	*NOT available in DP
18	1.0000	PC			CAP E100uF;10V;PITCH:2mm;5.5mm x 11mm;PRECUT:3mm2 - 0/-0mm2	[P0AAQ:15: (1.0)(C8)]	*NOT available in DP
19	2.0000	PC			CAP E47uF;25V;PITCH:2mm;5.5mm x 11mm;PRECUT:3mm2 - 0/-0mm2	[P0AAQ:05: (2.0)(C1-C2)]	*NOT available in DP
20	3.0000	PC			CAP CER1f2 KV/XZR:10 %SMD805:SMD1206	[1:01: (1.0)(C81)]	*NOT available in DP
21	6.0000	PC			CAP CER100 nF:100 V:XZR:10 %SMD805	[1:01: (6.0)(C62-C63,C65,C70,C72,C74)]	*NOT available in DP
22	2.0000	PC			CAP CER470pF;50V;10%;PITCH:5mm;DISC;VERTICAL 12.7-15-9mm	[P0B1S10: (2.0)(C1-C2)]	*NOT available in DP
23	9.0000	PC			CAP CER1.5 nF;50 V;COG2 %SMD805	[1:01: (1.0)(C49)]	*NOT available in DP
24	16.0000	PC			CAP CER150 pF;50 V;COG5 %SMD603	[P0AAQ:20: (8.0)(C60-C67)]	*NOT available in DP
25	1.0000	PC			CAP CER4.7 uF;6.3 V;XSR:20 %SMD603	[P0AZP:00: (1.0)(C21)]	*NOT available in DP
26	12.0000	PC			CAP CER10 uF;6.3 V;XSR:10 %SMD805;YAGEO (CCB5KRX5R6BB106)	[P0AAQ:15: (12.0)(C25,C27-C29,C34-C35,C39,C43,C48,C50-C70)(C81)]	*NOT available in DP
27	12.0000	PC			CAP CER10uF;6V;3XR:20%;SMT805	[P0AZP:00: (4.0)(C1,C3,C9-C10)]	*NOT available in DP
28	2.0000	PC			CAP CER1uF;10V;+80%/-20%;SMT603	[P0AAQ:16: (2.0)(C19,C27)]	*NOT available in DP
29	13.0000	PC			CAP CER1uF;10V;XSR:10%;SMD603	[P0AZP:00: (3.0)(C16-C17,C51)]	*NOT available in DP
30	58.0000	PC			CAP CER1uF;16V;XTR:10%;SMT805	[P0B1S06: (16.0)(C44-C45,C47-C48,C50-C51,C53-C54,C56-C57,C59-C60,C62-C63,C65-C66)]	*NOT available in DP
31	52.0000	PC			CAP CER100nF;10V;XSR:10%;SMT402;(MURATA GRM153R61A104KA01E)	[P0AAQ:16: (52.0)(C1,C6-C12,C14-C16,C18,C20-C22,C28,C33,C35-C37,C39-C41,C45-C46,C50-C72,C75-C78)]	*NOT available in DP
32	6.0000	PC			CAP CER10 nF;16 V;Y5V:+80%/-20%;SMD402	[P0AAQ:16: (6.0)(C2-C4,C13,C34,C38)]	*NOT available in DP
33	13.0000	PC			CAP CER100nF;25V;XSR:10%;SMT603	[P0AAQ:15: (13.0)(C33,C39,C58,C68,C83,C94,C106,C108,C126,C131,C135,C159)]	*NOT available in DP
34	3.0000	PC			CAP CER220pF;25V;COG;10%;SMT805	[P0B1S06: (1.0)(C19)]	*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
35	92.0000	PC			CAP CER10nf:25V:X7R:10%;SMT805	[P0AZP:00: {2.0}](C23,C42)]	*NOT available in DP
36	2.0000	PC			CAP CER470nf:25V:X7R:10%;SMT805	[1:01: {1.0}](C58,C61)]	*NOT available in DP
37	1.0000	PC			CAP CER100nf:25V:X7R:10%;SMT1206	[1:01: {1.0}](C76)]	*NOT available in DP
38	98.0000	PC			CAP CER100pF:50V:10%;SMT603	[P0AZP:00: {2.0}](C46-C47)]	*NOT available in DP
39	2.0000	PC			CAP CER20pF:50V:20%;SMT603	[P0AAQ:16: {2.0}](C29-C30)]	*NOT available in DP
40	98.0000	PC			CAP CER22pF:50V:10%;SMT603	[P0AAQ:15: {2.0}](C1-C2)]	*NOT available in DP
41	46.0000	PC			CAP CER470pF:50V:5%;COG(NPO);SMT603	[P0AAQ:15: {12.0}](C67,C80,C85-C86,C105,C111,C118-C119,C134,C146,C153-C154)]	*NOT available in DP
42	87.0000	PC			CAP CER100pF:50V:20%;SMT603	[P0AAQ:04: {12.0}](C33-C38,C41-C43,C56-C57,C60-C61)]	*NOT available in DP
43	128.0000	PC			CAP CER330pF:50V;COG:5%;SMD603	[P0AAP:06: {32.0}](C214-C229,C238-C245,C255,C257,C259,C261,C263,C265,C267,C269)]	*NOT available in DP
44	6.0000	PC			CAP CER470pF:50V:10%;SMT603	[P0AAQ:15: {4.0}](C180-C183)]	*NOT available in DP
45	27.0000	PC			CAP CER1nF:50V:10%;SMT603	[P0AAQ:15: {27.0}](C152,C109,C189,C191,C193,C195-C198,C200,C201,C205,C207,C209-C121,C215,C217,C219,C221,C223,C225,C228,C231,C235,C237,C239,C243)]	*NOT available in DP
46	1.0000	PC			CAP CER1nF:250V:10%;SMT603	[P0AAQ:15: {1.0}](C53)]	*NOT available in DP
47	16.0000	PC			CAP CER1nF:50V;COG:5%;SMT603;(MURATA GRM188SC1H152JA01D)	[P0AAQ:20: {8.0}](C76,C78-C79,C81-C82,C84-C85,C87)]	*NOT available in DP
48	16.0000	PC			CAP CER2nF:50V;COG:5%;SMT603;(MURATA GRM188SC1H222JA01D)	[P0AAQ:20: {8.0}](C48-C55)]	*NOT available in DP
49	12.0000	PC			CAP CER10nF:50V:10%;SMT603	[P0AAQ:15: {12.0}](C36-C37,C40-C44,C51,C57-C60,C124,C236,C240,C245-C246)]	*NOT available in DP
50	1.0000	PC			CAP CER10nF:50V:X7R:10%;SMT603	[P0AZP:00: {1.0}](C13)]	*NOT available in DP
51	76.0000	PC			CAP CER100nF:50V:10%;SMT603	[P0AZP:00: {23.0}](C2,C4-C5,C8,C12,C14-C15,C18-C20,C22,C24,C26-C29,C32-C33,C35-C37,C45,C50)]	*NOT available in DP
52	10.0000	PC			CAP CER22pF:50V:10%;SMT805	[P0B15:06: {2.0}](C32-C33)]	*NOT available in DP
53	102.0000	PC			CAP CER100pF:50V:10%;SMT805	[P0AAQ:04: {24.0}](C21-C32,C44-C55)]	*NOT available in DP
54	8.0000	PC			CAP CER100pF:50V;COG:5%;SMT805	[P0AAQ:15: {8.0}](C91-C92,C99-C100,C141-C142,C149-C150)]	*NOT available in DP
55	32.0000	PC			CAP CER470pF:50V:10%;SMT805	[P0AAQ:20: {16.0}](C136-C151)]	*NOT available in DP
56	4.0000	PC			CAP CER470pF:50V;COG:5%;SMD805	[P0AAQ:15: {4.0}](C41,C47,C54,C62)]	*NOT available in DP
57	6.0000	PC			CAP CER500pF:50V:10%;SMT805	[P0AAQ:15: {6.0}](C69,C97,C107,C128,C137,C165)]	*NOT available in DP
58	3.0000	PC			CAP CER680pF:50V:10%;SMT805	[P0B15:10: {3.0}](C3-C5)]	*NOT available in DP
59	67.0000	PC			CAP CER1nF:50V:10%;SMT805	[P0AAP:06: {16.0}](C302,C304-C305,C307-C308,C310-C311,C313-C314,C316,C317,C319-C320,C322-C323,C325)]	*NOT available in DP
60	1.0000	PC			CAP CER1nF:50V:X7R:10%;SMD805	[1:01: {1.0}](C69)]	*NOT available in DP
61	72.0000	PC			CAP CER1nF:50V;COG:5%;SMD805	[P0AAQ:15: {8.0}](C73,C76,C114,C117,C120,C123,C166,C169)]	*NOT available in DP
62	32.0000	PC			CAP CER2nF:50V:10%;SMT805	[P0AAP:06: {8.0}](C303,C306,C309,C312,C315,C318,C321,C324)]	*NOT available in DP
63	2.0000	PC			CAP CER4nF:750V:10%;SMT805	[1:01: {2.0}](C55,C57)]	*NOT available in DP
64	7.0000	PC			CAP CER10nf:50V:10%;SMT805	[P0B15:06: {1.0}](C9)]	*NOT available in DP
65	3.0000	PC			CAP CER10nf:50V:X7R:10%;SMD805	[1:01: {3.0}](C48,C50,C54)]	*NOT available in DP
66	32.0000	PC			CAP CER15nf:50V:10%;SMT805	[P0AAP:06: {8.0}](C70-C77)]	*NOT available in DP
67	1.0000	PC			CAP CER47nf:50V:20%;SMT805	[P0B15:11: {1.0}](C1)]	*NOT available in DP
68	536.0000	PC			CAP CER100nf:50V:-80:-20%;SMT805	[P0AAQ:04: {6.0}](C39-C40,C42,C58-C59,C62)]	*NOT available in DP
69	14.0000	PC			CAP CER100nf:50V:X7R:10%;SMT805	[1:01: {14.0}](C40-C43,C47,C51,C53,C64,C67-C68,C71,C75,C77,C80)]	*NOT available in DP
70	61.0000	PC			CAP CER220nf:50V:10%;SMT805	[P0AAP:06: {8.0}](C155,C157,C159,C161-C165)]	*NOT available in DP
71	2.0000	PC			CAP CER470nf:50V:10%;SMT805	[1:01: {2.0}](C59-C60)]	*NOT available in DP
72	3.0000	PC			CAP CER1uf:50V:X7R:10%;SMD805	[1:01: {3.0}](C52,C56,C73)]	*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
73	1.0000	PC			CAP CER1nF50V/X7R;10%;SMD1206	[1:01: {1.0}(C66)]	*NOT available in DP
74	4.0000	PC			CAP CER15pF50V;COG;5%;SMD402;YAGEO	[P0AAQ:16: {4.0}(C25-C26,C73-C74)]	*NOT available in DP
75	2.0000	PC			CAP CER10nF100V/X7R;10%;SMD1206	[1:01: {2.0}(C44,C78)]	*NOT available in DP
76	1.0000	PC			CAP CER100nF100V/X7R;10%;SMD1206	[1:01: {1.0}(C45)]	*NOT available in DP
77	2.0000	PC			CAP Y2;1nF;250V;PITCH:7mm5	[1:01: {2.0}(C6,C10)]	*NOT available in DP
78	1.0000	PC			CAP Y1;2nF;250V;P:10mm0;PRECUT:3MM1+/-0MM5	[1:01: {1.0}(C22)]	*NOT available in DP
79	4.0000	PC			CAP Y2;2nF;275V;PITCH:7mm5;DISC;CASE4 x 10mm	[1:01: {4.0}(C4-C5)]	*NOT available in DP
80	2.0000	PC	B12-32470-06719		CAP X2;470nF275V;P15;18*16.5*8.5;NOT PRECUT;	[1:01: {2.0}(C9)]	*NOT available in DP
81	1.0000	PC			CAP E;2.2mF;35 V;20 %;RADIAL;16*31.5;7.5 MM;PRECUT:3.3mm	[1:01: {1.0}(C27)]	*NOT available in DP
82	5.0000	PC			CAP E;2mF;210V;PITCH:5mm;10mm x 20mm;105CL;LOW ESR;105C;VERTICAL 12.7-15.9mm	[1:01: {5.0}(C26,C31-C32,C36-C37)]	*NOT available in DP
83	1.0000	PC			CAP E;10 uF;25 V;20 %;RADIAL;5*11;2.5 MM;T&R	[1:01: {1.0}(C34)]	*NOT available in DP
84	1.0000	PC			CAP E;100 uF;25 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[1:01: {1.0}(C18)]	*NOT available in DP
85	1.0000	PC			CAP E;220 uF;25 V;20 %;RADIAL;8*11.5;5 MM;T&R	[1:01: {1.0}(C35)]	*NOT available in DP
86	3.0000	PC			CAP E;10 uF;50 V;20 %;RADIAL;5*11;2.5 MM;T&R	[1:01: {3.0}(C30,C38-C39)]	*NOT available in DP
87	1.0000	PC			CAP E;22 uF;50 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[1:01: {1.0}(C15)]	*NOT available in DP
88	2.0000	PC			CAP E;33 uF;50 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[1:01: {2.0}(C13,C17)]	*NOT available in DP
89	1.0000	PC			CAP E;47 uF;50 V;20 %;RADIAL;6.3*11;2.5 MM;T&R	[1:01: {1.0}(C19)]	*NOT available in DP
90	1.0000	PC			CAP E;680 uF;63 V;20 %;RADIAL;13*30.5 MM;PRECUT:3.2	[1:01: {1.0}(C28)]	*NOT available in DP
91	1.0000	PC			CAP E;2.2 mF;25 V;20 %;13*35.5 MM;PRECUT:3.2;GF SERIES	[1:01: {1.0}(C33)]	*NOT available in DP
92	1.0000	PC			CAP E;LOW ESR;3.3 mF;25 V;20 %;5 MM;RADIAL;13*40;Pre-CUT 3.3	[1:01: {1.0}(C29)]	*NOT available in DP
93	1.0000	PC			CAP E;220uF;25V;PITCH:3mm;5.8mm x 10mm;PRECUT:3mm2 - 0/4-0mm;2;105CL;LOW ESR	[P0B15:13: {1.0}(C7)]	*NOT available in DP
94	5.0000	PC			CAP CER100pF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15.9mm	[1:01: {5.0}(C21)]	*NOT available in DP
95	1.0000	PC			CAP CER470pF;1KV;10%;PITCH:5mm;DISC;VERTICAL 12.7-15.9mm	[1:01: {1.0}(C82)]	*NOT available in DP
96	1.0000	PC			CAP CER1nF;1KV;20%;PITCH:5mm;DISC;VERTICAL 12.7-15.9mm	[1:01: {1.0}(C24)]	*NOT available in DP
97	1.0000	PC			CAP CER10nF;630V;10%;5mm*3.5mm;5mm;DISC;VERTICAL 12.7-15.9mm	[1:01: {1.0}(C79)]	*NOT available in DP
98	2.0000	PC			CAP FILM;1 uF;450 V;PPM;5 %;17.8 x 16.3 x 7.7mm;PITCH:15 mm;C21X;FARATRONIC	[1:01: {2.0}(C7-C8)]	*NOT available in DP
99	1.0000	PC			CAP FILM;100nF;400V;AMP;PITCH:10mm;PRECUT:3mm1 +/-0mm5	[1:01: {1.0}(C11)]	*NOT available in DP
100	1.0000	PC			CAP E;47 uF;16 V;20 %;DXL;5X5MM5;SMD	[P0AAQ:16: {1.0}(C31)]	*NOT available in DP
101	1.0000	PC			CAP E;4uF;7.25V;PITCH:2mm;5.5mm x 11mm;105C;VERTICAL 12.7-15.9mm	[1:01: {1.0}(C20)]	*NOT available in DP
102	1.0000	PC			CAP E;105C;150 uF;450 V;20 %;25*36;10 MM;SNAP IN;HP SERIES	[1:01: {1.0}(C12)]	*NOT available in DP
103	160.0000	PC			CAP E;47uF;50V;PITCH:2mm;5.6mm x 11mm;LOW LEAKAGE;VERTICAL 12.7-15.9mm	[P0AAP:06: {40.0}(C166-C173,C206-C213,C278-C301)]	*NOT available in DP

**Circuit Protector**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	R22-00000-24721	B22-00000-24721	FUSE;3.15 A;V;LOW;P5.08-SIZE:8.5*8*4	[1:01: {1.0}(F1)]	
2	4.0000	PC		B22-00000-28566	FUSE;2.5 A;30V;RESETTABLE;PTC;KRG0300250;TKS	[1:01: {4.0}(F2-F5)]	
3	1.0000	PC		B22-00000-31473	FUSE;12 A;16V;RESETTABLE;PTC;KRG01612005RY;TKS	[1:01: {1.0}(F6)]	
4	1.0000	PC		B22-00000-42798	FUSE;3.15 A;V;MICRO TIME LAG;8mmx5x7mm;P5.08;BEL-R		
5	1.0000	PC		B22-00000-46822	FUSE;0.65 A;60V;RESETTABLE;KRG06000655RY;TKS	[1:01: {1.0}(F7)]	

**Coil**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	2.0000	PC		B37-00000-25502	COIL,CHOKE;78 uH;COIL 2:PS176 EF25 L(S-F):78uH+/-10%@1KHZ.025V	[1:01: {2.0}(L9,L11)]	
2	1.0000	PC		B37-00000-25503	COIL,CHOKE;25 uH;COIL 3:PS176 EF25 L(S-F):25uH+/-10%@1KHZ.025V	[1:01: {1.0}(L16)]	
3	2.0000	PC		B37-00000-25506	COIL,CHOKE;7mH;COIL 6:PS176 T20X10X8 LS-F):2mH MIN@1KHZ.025V	[1:01: {2.0}(L5,L7)]	
4	1.0000	PC		B37-00000-25508	COIL,CHOKE;500 uH;COIL 7:PS176 T10X5X5 L(S-F):500uH MIN@1KHZ.025V	[1:01: {1.0}(L15)]	
5	3.0000	PC		B37-00000-27563	COIL,CHOKE;6 mH;ET241;6mH MIN@1KHZ.025V SG	[1:01: {1.0}(L3)]	
6	3.0000	PC		B37-00000-35431	COIL,CHOKE;1000 OHMS SMD/SMDWCM3216S-102-2P	[P0AAQ:15:(3.0)(L9-L11)]	
7	1.0000	PC		B37-00000-40106	COIL,CHOKE;260 uH;EC2824 L(12-5.6):260uH+/-10%@1KHZ.025V X32 SG	[1:01: {1.0}(L4)]	
8	1.0000	PC		B37-00000-40107	COIL,CHOKE;100 uH;T50-26 L:100uH+/-10%@1KHZ.025V X32	[1:01: {1.0}(L14)]	
9	1.0000	PC		B37-00000-40108	COIL,CHOKE;100 uH;T80-26 L:100uH+/-10%@1KHZ.025V X32	[1:01: {1.0}(L10)]	
10	2.0000	PC		B37-00000-40109	COIL,CHOKE;2 mH;T17X8X7 L:2mH MIN@1KHZ.025V X32	[1:01: {2.0}(L6,L8)]	
11	1.0000	PC		B37-00000-40110	COIL,CHOKE;70 uH;EF25 L(4-2):170uH+/-10%@1KHZ.025V X32 SG	[1:01: {1.0}(TR3)]	
12	1.0000	PC		B37-31002-06265	COIL,CHOKE;1mH;T12.7X7.9X5.3Z	[1:01: {1.0}(TR1)]	
13	3.0000	PC	R39-00000-03394	B39-00000-03394	COIL,SMD-BEAD:SMD00805(BLM21BD751SN1D)	[P0AZP:00:(1.0)(L3)]	
14	3.0000	PC	R39-00000-17453	B39-00000-17453	COIL,SMD:1040.33 uH(20%3A5)TAPE and Reel	[P0B1S:06:(1.0)(L1)]	
15	3.0000	PC		B39-00000-19577	COIL,SMD:3.3 uH(3A20%SIZE:1040)TAPE and Reel	[P0AZP:00:(1.0)(L1)]	
16	1.0000	PC		B39-00000-19578	COIL,SMD:1040.2.2 uH(4A MIN(20%)TAPE and REEL	[P0AAC:15:(1.0)(L1)]	
17	4.0000	PC		B39-21202-00018	COIL,SMD-BEAD:SMD1608;(MURATA BLM18BB121))	[P0AAQ:15:(4.0)(L5-L8)]	
18	10.0000	PC		B39-21202-00651	COIL,SMD BEAD:SMD603;(MURATA BLM18AG601SN1))	[P0AQ:16:{10.0}(L1-L2,L4-L11)]	
19	64.0000	PC	R39-26000-21049	B39-26000-21049	COIL,SMD-BEAD:(BLM21AG601S)	[P0AAP:06:{16.0}(L1-L16)]	

**Computer**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	R51-00000-59331	B51-00000-59331	MEMORY CARD:P0AAQ:128MB industrial grade SLC microSD		

**Connector**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	R83-00000-11200	B83-00000-11200	USB CONNECTOR;4:VERTICAL;CHUNSHENG;USB-A-110BK-EP	[P0B1S:12:(1.0)(X1)]	
2	1.0000	PC	R83-00000-17677	B83-00000-17677	CONNECTOR;40:TX24-40R-LT-H1E	[P0AAQ:15:(1.0)(X8)]	
3	1.0000	PC		B83-00000-17678	CONNECTOR;40:TX25-40P-LT-H1E	[P0AZP:00:(1.0)(X1)]	
4	12.0000	PC	R83-00000-17806	B83-00000-17806	CONNECTOR;20:1 MM:SMD;FPC20 VERTICAL	[P0AAQ:15:(3.0)(X3-X4,X14)]	
5	2.0000	PC		B83-00000-17833	CONNECTOR;24:1 MM:SMD;FPC24 VERTICAL	[P0AAQ:04:(1.0)(X14)]	
6	1.0000	PC		B83-00000-18408	CONNECTOR;40:0.5 MM:SMD;FH12-40S-0.55V	[P0AAQ:15:(1.0)(X5)]	
7	29.0000	PC		B83-00000-50403	CONNECTOR;FFC;28 PIN;0.5 MM:SMD	[P0B1S:06:(8.0)(LD13-LD20)]	
8	1.0000	PC		B83-00000-57291	CONNECTORMICRO SD;HINGE;8;GOLD;SMD;MOLEX: 5009010801	[P0AAQ:16:(1.0)(X1)]	
9	2.0000	PC	R83-20184-37925	B83-20184-37925	CONNECTOR;FEMALE;ANGLED;USB;SINGLE;TYPE:B	[P0AZP:00:(1.0)(X6)]	
10	6.0000	PC		B84-22000-06018	CRIMP TERMINAL;PITCH:3mm;96:AWG18-22;A3963TOP-2		
11	274.0000	PC	R84-25016-06014	B84-25016-06014	CRIMP TERMINAL;PITCH:2mm;0:AWG24-30:A2008TOP-2		
12	1.0000	PC		B84-42050-00155	CRIMP CONNECTOR;LUG;INNER DIA:4mm;3:AWG 14-18;WIRE MOUNT;STRAIGHT		
13	5.0000	PC		B93-00000-51731	BARE WIRE;2:2;MD1206	[P0AAQ:15:(5.0)(R214-R215,R217,R220-R221)]	
14	1.0000	PC	R93-80000-01038	B93-80000-01038	CONNECTOR;8;BATTERY HOLDER;(H2611)	[P0AAQ:15:(1.0)(X10)]	
15	1.0000	PC	R95-00000-18075	B95-00000-18075	CONNECTOR;XLR;4:GOLD;FEMALE;ENC4FAV	[P0B1S:10:(1.0)(X4)]	
16	2.0000	PC	R95-00000-18292	B95-00000-18292	CONNECTOR;XLR;8.2-54 MM;SHIELDED;NEUTRIK; NE8FBH	[P0AAQ:15:(2.0)(X20-X21)]	
17	17.0000	PC	R95-00000-52553	B95-00000-52553	CONNECTOR;XLR;SOCKET;MALE;ANGLED;POLES:3;SHIELDED	[P0AAQ:15:(1.0)(X22)]	
18	2.0000	PC	R95-01320-03303	B95-01320-03303	CONNECTOR;XLR;SOCKET;MALE;STRAIGHT;POLES:3	[P0AAQ:05:(2.0)(X2-X3)]	
19	1.0000	PC	R95-14340-00164	B95-14340-00164	CONNECTOR;XLR;SOCKET;FEMALE;STRAIGHT;POLES:3;NO:06;(CHUN SHENG C13-02HF)	[P0B1S:10:(1.0)(X1)]	
20	32.0000	PC	R95-14380-04268	B95-14380-04268	CONNECTOR;XLR;POLES:3;SOCKET;ANGLED;W/ PUSH TERMINAL	[P0AAQ:19:(8.0)(X5-X12)]	

**Diode**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	2.0000	PC			DIODE:SCHOTTKY;DUAL;25A;100V;SB25100FCT;TO-220AB	[1:01:(2.0)(D8,D11)]	*NOT available in DP
2	2.0000	PC			DIODE:HER207;DO15;RADIAL	[1:01:(2.0)(D2,D5)]	*NOT available in DP
3	130.0000	PC			DIODE:BAV103;SOD80;TEMIC	[P0AAP-06:(3.0)(D36-D37,D40-D43,D46-D49,D52-D55,D58-D61,D64-D67,D70-D73,D76-D79,D82-D83)]	*NOT available in DP
4	40.0000	PC			DIODE:BAV99;SOT23;SMD	[P0AAP-06:(1.0)(D2-D3,D20-D27)]	*NOT available in DP
5	55.0000	PC			DIODE:L4148;LL34;TEMIC OR FC	[P0AZP-00:(1.0)(D1)]	*NOT available in DP
6	2.0000	PC			DIODE:EG-PGS1G;400V;1A;DO-214AC;SMD	[1:01:(2.0)(D12-D13)]	*NOT available in DP
7	1.0000	PC			DIODE:ZENER;5MA;20V;1W;15MA4747	[1:01:(1.0)(D19)]	*NOT available in DP
8	2.0000	PC			DIODE:ZMM02;7.5MD1206	[1:01:(2.0)(D38-D39)]	*NOT available in DP
9	2.0000	PC			DIODE:ZMM05V1;SMD1206	[1:01:(2.0)(D17,D26)]	*NOT available in DP
10	64.0000	PC			DIODE:ZMM08V2;SMD1206;SMD	[P0AAP-06:(16.0)(D38-D39,D44-D45,D50-D51,D56-D57,D62-D63,D68-D69,D74-D75,D80-D81)]	*NOT available in DP
11	1.0000	PC			DIODE:ZMM09V1;SMD1206	[1:01:(1.0)(D14)]	*NOT available in DP
12	64.0000	PC			DIODE:ZMM12V0;SMD1206	[P0AAP-06:(16.0)(D4-D19)]	*NOT available in DP
13	3.0000	PC			DIODE:ZMM18V0;SMD1206	[1:01:(3.0)(D20-D21,D33)]	*NOT available in DP
14	1.0000	PC			DIODE:ZMM24V0;SMD1206	[1:01:(1.0)(D32)]	*NOT available in DP
15	1.0000	PC			DIODE:RECTIFIER;600 V;DO201AD;3A;ER306	[1:01:(1.0)(D3)]	*NOT available in DP
16	3.0000	PC			DIODE:RECTIFIER;40 V;FMS822DQ-214AB;SMD	[P0B15-06:(1.0)(D1)]	*NOT available in DP
17	1.0000	PC			DIODE:RECTIFIER;DUAL-ULTRAFAST;10A;200V;STTH1002CFP;TO-220FPAB	[1:01:(1.0)(D6)]	*NOT available in DP
18	1.0000	PC			DIODE:RECTIFIER;45 V;TO220;POWER SR;2*10A;45V;MBR2045FC;TO220F	[1:01:(1.0)(D10)]	*NOT available in DP
19	2.0000	PC			DUAL RECTIFIER;TO220;MBR20200FCFT	[1:01:(2.0)(D7,D9)]	*NOT available in DP
20	1.0000	PC			DIODE:E53D;DO-214AB;SMD	[1:01:(1.0)(D34)]	*NOT available in DP
21	2.0000	PC			DIODE:5 VRCLAMP0502B;SOT-523	[P0AAQ-16:(2.0)(D1-D2)]	*NOT available in DP
22	4.0000	PC			DIODE:SUPERFAST;E51D;200V;1A;15NS;DO-214AC;SMD	[1:01:(4.0)(D25,D29-D31)]	*NOT available in DP
23	1.0000	PC	X80-00000-12035	H80-00000-12035	RECTIFIER_BRIDGE;800 V;GBU;GBU8K;8A	[1:01:(1.0)(D1)]	

**Display**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	29.0000	PC	S25-00000-17804	C25-00000-17804	DISPLAY;LCD;CABLE;23mm;DOT:128*64;28PIN;17.9x10.86mm		
2	1.0000	PC	S25-00000-23108	C25-00000-23108	DISPLAY;LCD;AT070TN83V.1		

**Hardware**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	2.0000	PC			CABLE TIE:25 MM;GREY;RIBBON CABLE CLAMP;PVC;3M495 ADHESIVE;WIDTH:0.5"		*NOT available in DP
2	17.0000	PC			CABLE TIE:NYLON;4in;COLOR:		*NOT available in DP
3	5.0000	PC			WIRECLAMP:LUG:3mm;LENGTH:52mm;OUTER DIA:7mm;PLASTIC COVERED STEEL;COLOR:BLK		*NOT available in DP
4	1.8000	G			THERM-GREASE;COLOR:WHT;SPEC.NO:09286		*NOT available in DP
5	0.5000	G			SCREWLOCK;SPEC.NO:01090		*NOT available in DP
6	14.0000	PC			NUT:M3.2 MM;HEX WASHER:7.3 MM;ZINC;BLUE;HEXAGON REC:0.5 MM;M3*0.5mm NUT WITH TEETH EXTERNAL WASHER		*NOT available in DP
7	1.0000	PC			HEX. NUT;INNER DIA:4mm;SURFACE:ZINC		*NOT available in DP
8	14.0000	PC			HEX. NUT;FOR JACK:M 3/8in;HEXWRENCH:1.1mm;THICKNESS:2mm;SURFACE:NICKEL/SLV		*NOT available in DP
9	2.0000	PC			OCT. NUT;FOR JACK:3/8in;OCTWRENCH:14.5mm;THICKNESS:3.5mm;SURFACE:NICK EL/SILVER		*NOT available in DP
10	1.0000	PC	V87-00200-10103	F87-00200-10103	RUBBER BUSHING;(00172P:DST.NO:002:DPT.NO:10103;(00172P- RUBBER_BUSHING_REVs.dwg)		
11	1.0000	PC			SCREW:M3 MM:15 MM;PAN WASHER:ZINC;BLUE/WHITE;PHILIPS REC:0.5 MM;M3mm*15mm;HEAD:PAN&SPRING WASHER:BLUE/ZINC		*NOT available in DP
12	16.0000	PC			SCREW:M3 MM:5 MM:BINDING;6 MM;ZINC;BLACK;PHILIPS REC:0.5 MM;M3mm*5mm;HEAD:BINDING;INSERT:PHILIPS REC:H		*NOT available in DP
13	62.0000	PC			SCREW:M3 MM:8 MM;PAN WASHER:5 MM;SILVER/ZINC;PHILIPS REC:0.5 MM;M3mm*08mm; PAN SPRING WASHER:PHILIPS REC:H		*NOT available in DP
14	124.0000	PC			SCREW:M3 MM:6 MM;PAN WASHER:5 MM;SILVER/ZINC;PHILIPS REC:0.5 MM;M3mm*06mm; PAN SPRING WASHER:PHILIPS REC:H		*NOT available in DP
15	50.0000	PC			SCREW:M2mm*2mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
16	1.0000	PC			SCREW:M3mm*6mm;HEAD:PAN SPRING WASHER;INSERT:PHILIPS REC:;SURFACE:SILVER/NIC	[1:01: {1.0}(M11)]	*NOT available in DP
17	10.0000	PC			SCREW:M3mm*8mm;HEAD:PAN SPRING WASHER;INSERT:PHILIPS REC:;SURFACE:SILVER/NIC	[1:01: {10.0}(M1-M10)]	*NOT available in DP
18	25.0000	PC			SCREW:M3mm*4mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
19	20.0000	PC			SCREW:BT3mm*6mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
20	2.0000	PC			SCREW:M3mm*6mm;HEAD:TRUSS;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
21	8.0000	PC			SCREW:M3mm*6mm;PITCH:0mm;5 HEAD:FLAT;DIA:5mm;2;INSERT:P HILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
22	107.0000	PC			SCREW:BT3mm*8mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
23	4.0000	PC			SCREW:BT3mm*8mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
24	11.0000	PC			SCREW:M4mm*8mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
25	5.0000	PC			SCREW:M4mm*12mm;HEAD:PAN WASHER DIA 9mm;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
26	4.0000	PC			SCREW:M4mm*10mm;HEAD:PAN;INSERT:PHILIPS REC:;SURFACE:BLACK/ZINC		*NOT available in DP
27	1.0000	PC			SHIELD:XLR MALE;DWG.NO:13436;(R14-SRC2000-XLRSHIELDMALE- REV.G.DWG)	[P0B1S:10: {1.0}(X5)]	*NOT available in DP
28	1.0000	PC			SHIELD:XLR FEMALE;DWG.NO:13437;(R14-SRC2000- XLRSHIELDFEMALE-REV.G.DWG)	[P0B1S:10: {1.0}(X2)]	*NOT available in DP
29	1.0000	PC			SILICA GEL;MASS:30g;SPEC.NO:3QQB-BB2001-4		*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
30	10.0000	PC			STUD;M3x3.745 MM;HEX:0.7 MM;P0AAQ-IOPCB-STUD-REVA		*NOT available in DP
31	25.0000	PC			STUD;M HEX;P0ASF-FADER-STUD		*NOT available in DP
32	1.0000	PC			STUD;BRASS;STUD, THROUGH HOLE,DIA 3MM; LENGTH 7MM;		*NOT available in DP
33	9.0000	PC			STUD;M:7.9 MM;O:5 MM;P0AAP-FADER-STUD		*NOT available in DP
34	1.0000	PC			STUD;M:0.4 M;L:EN:7.1 MM;HEX:O:5 MM;PITCH:0.5 MM;X32V2-MASTER-FADER-STUD		*NOT available in DP
35	1.0000	PC			STUD;THREAD:DIA:3mm;LENGTH:13mm;S:INT//INT		*NOT available in DP
36	49.0000	PC			STUD;THREAD:DIA:3mm;LENGTH:13mm;S:INT//INT		*NOT available in DP
37	0.0280	M			SHRINKING TUBE;12 MM;BLACK;HIGH TEMPERATURE,Dia:12mm;150C		*NOT available in DP
38	0.3100	M			SHRINKING TUBE;INNER DIA:1mm;SPEC.NO:43217		*NOT available in DP
39	30.0000	MM			SHRINKING TUBE;INNER DIA:2MM;SPEC NO:15747		*NOT available in DP
40	0.0540	M			SHRINKING TUBE;INNER DIA:3mm;SPEC.NO:01097		*NOT available in DP
41	0.0840	M			SHRINKING TUBE;INNER DIA:4mm;SPEC.NO:01098		*NOT available in DP
42	0.0800	M			SHRINKING TUBE;INNER DIA:6mm;SPEC.NO:01099		*NOT available in DP
43	0.0200	M			SHRINKING TUBE;INNER DIA:14mm;SPEC.NO:01100		*NOT available in DP
44	2.0000	PC			WASHER;9.7 MM;I:16 MM;NICKEL;WHITE;WASHER;PLAT;LAT;DIA:9.7*16*0.5mm;NICKEL		*NOT available in DP
45	1.0000	PC			WASHER;PLAIN;INNER DIA:3mm;OUTER DIA:6mm;THICKNESS:0mm;5		*NOT available in DP
46	1.0000	PC			WASHER;PLAIN;INNER DIA:4mm;OUTER DIA:10mm;THICKNESS:1mm;PLATING:NICKEL		*NOT available in DP
47	14.0000	PC			WASHER;PLAIN;INNER DIA:4mm;OUTER DIA:13mm;THICKNESS:0mm;5;PLATING:NICKEL		*NOT available in DP
48	1.0000	PC			WASHER;SPRING;INNER DIA:4mm;OUTER DIA:7mm;THICKNESS:1mm;7		*NOT available in DP
49	1.0000	PC			WASHER;EXTERNAL TEETH;INNER DIA:4mm;OUTER DIA:7mm;THICKNESS:1mm;7		*NOT available in DP
50	0.0510	M	V97-00000-23179	F97-00000-23179	OTHER;GROMMET STRIP;1.5MM PANEL THICKNESS		
51	1.0000	PC	V97-00000-54455	F97-00000-54455	FOAM SHEET;P0AQ-CONDUCTIVE-FOAM1;REVA		
52	2.0000	PC	V97-00000-54456	F97-00000-54456	FOAM SHEET;P0AQ-CONDUCTIVE-FOAM2;REVA		
53	2.0000	PC	V97-00000-83715	F97-00000-83715	FOAM SHEET;P0AWP-CONDUCTIVE_SPONGE;REVA		
54	70.0000	PC			SCREW;M3mm*5mm;PITCH:0mm;5;HEAD:FLAT;DIA:4mm;5;INSERT:P HILIPS REC.;SURFACE:BLACK/ZINC		*NOT available in DP

**Ic**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	4.0000	PC	S60-00000-10781	C60-00000-10781	IC:AD/DA;LQFP;48;CS5368-CQZ	[P0AAP:06:(1.0)(IC6)]	
2	1.0000	PC	S60-00000-18248	C60-00000-18248	IC:AD/DA;S2;CS42438;MOFP;SMD	[P0AAQ:15;(1.0)(IC10)]	
3	2.0000	PC	S60-00000-21615	C60-00000-21615	IC:AD/DA;LQFP;48;D/A CONVERTER;CS54385-CQZ	[P0AAQ:20;(1.0)(IC6)]	
4	3.0000	PC	S60-56154-30520	C60-56154-30520	IC:CONVERTER;TLC1543CDW;SOT20	[P0B15:06;(1.0)(C6)]	
5	115.0000	PC	C73-00000-29050	IC:OPAMP;SMD;SOP;8;BA4580RF	[P0AAQ:04;(3.0)(IC1-IC3)]		
6	5.0000	PC	S73-58007-40514	C73-31007-40514	IC:OPAMP OPAMP;TL074;SOP;	[P0AAQ:15;(5.0)(IC11,IC14,IC16,IC21,IC24)]	
7	1.0000	PC	S73-55035-80508	C73-55035-80508	IC:OPAMP OPAMP;LM358;SOP;8D	[1:01;(1.0)(IC13)]	
8	2.0000	PC	C73-59458-00408	IC:OPAMP OPAMP;NJM4580L;SIP	[P0B15:15;(2.0)(IC3-IC4)]		
9	1.0000	PC	S74-00000-21794	C74-00000-21794	IC:POWER-CONVERSION;SO8;PFC CONTROLLER;L6562D	[1:01;(1.0)(IC7)]	
10	1.0000	PC	S74-00000-29659	C74-00000-29659	IC:POWER-CONVERSION;SOIC;8;UC3844D8	[1:01;(1.0)(IC6)]	
11	2.0000	PC	S74-00000-29817	C74-00000-29817	IC:POWER-CONVERSION;AIC2354GV5;SOT-23-5;SMD	[P0AZP:00;(1.0)(IC1)]	
12	1.0000	PC	S74-55031-70703	C74-55031-70703	IC:VOLT.REGULATOR;LM317;T;TO220	[1:01;(1.0)(IC4)]	
13	3.0000	PC	S74-66159-10508	C74-66159-10508	IC:CONVERTER;MP1591DS;SOT/150;SMD	[P0B15:06;(1.0)(IC1)]	
14	1.0000	PC	S77-00000-18293	C77-00000-18293	IC:VOLT.REGULATOR;DC to DC;32;ADP2114ACPZ-R7;CP-32-2;SMD	[P0AAQ:15;(1.0)(IC7)]	
15	1.0000	PC	S77-00000-21793	C77-00000-21793	IC:VOLT.REGULATOR;TO220;5;LM2576T;ADIG	[1:01;(1.0)(IC3)]	
16	5.0000	PC	S77-00128-03000	C77-00128-03000	IC:VOLT.REGULATOR;ZENERSHUNT;REGULATOR;SOT23;LM431ACM3 /N1	[1:01;(5.0)(IC9-IC12)]	
17	15.0000	PC	S77-00128-03001	C77-00128-03001	IC:VOLT.REGULATOR;ADJUSTABLE;SOT223;NCP1117STAT3;SMD	[P0AAQ:15;(1.0)(IC1)]	
18	1.0000	PC	S77-00155-03001	C77-00155-03001	IC:VOLT.REGULATOR;ADJUSTABLE;DPAK;NCP1117DTARKG;SMD	[P0AZP:00;(1.0)(IC6)]	
19	6.0000	PC	S77-03128-03001	C77-03128-03001	IC:VOLT.REGULATOR;NCP1117ST3373;SOT223	[P0AAQ:15;(1.0)(IC2)]	
20	1.0000	PC	S77-18128-03001	C77-18128-03001	VOLT.REGULATOR;A2111H-1.8TRE1;SOT223;SMD	[P0AAQ:16;(1.0)(IC6)]	
21	1.0000	PC	S78-55039-32208	C78-55039-32208	IC:COMPARATOR;LM393;SOIC	[1:01;(1.0)(IC5)]	
22	1.0000	PC	T10-00000-18827	D10-00000-18827	IC:ASIC;MSOP;10;CS2000CP-CZZR	[P0AAQ:15;(1.0)(IC13)]	
23	1.0000	PC	D10-00000-78020	IC:ASIC;124;SMD;X51-L16A-128-QF124-C10	[P0AZP:00;(1.0)(IC48)]		
24	1.0000	PC	T10-00000-78031	D10-00000-78031	IC:USB Transceiver;QFN;32;SMD;US83340	[P0AZP:00;(1.0)(IC3)]	
25	4.0000	PC	T12-00000-12043	D12-00000-12043	IC:DIG COMM.;SOIC;8;MLVDS TRANSCEIVER;5MD;SN65MLVD204AD	[P0AAQ:15;(4.0)(IC17-IC18,IC22-IC23)]	REPLACED: C73-58007-40514
26	3.0000	PC	T12-00000-18249	D12-00000-18249	IC:DIG COMM.;QFN;24;SMD;LAN8720A-CP	[P0AAQ:15;(2.0)(IC19-IC20)]	
27	2.0000	PC	T17-00001-16874	D17-00001-16874	IC:SDRAM;SMD;TSOP;PINS:54;TAKE AND REEL;MT48LC8M16A2P-6AL	[P0AAQ:15;(2.0)(IC3-IC4)]	
28	2.0000	PC	T18-00000-18247	D18-00000-18247	IC:DSP;LQFP;208;ADSP-21371KSW2-2B;SMD	[P0AAQ:15;(2.0)(IC5-IC6)]	
29	5.0000	PC	T19-00037-04631	D19-00037-04631	IC:FLASH;STM32F103RBT6;LQFP64;32-Bit MCU with Flash Memory	[P0B15:06;(1.0)(IC5)]	
30	1.0000	PC	T19-00074-05121	D19-00074-05121	IC:FLASH MEMORY;W25X40;CLSNIG;SMD;SOIC-8	[:(1.0)(IC67)]	
31	1.0000	PC	T22-00000-18232	D22-00000-18232	IC:LOGIC;5;74LVC1G076V;SOT73;SMD	[P0AAQ:15;(1.0)(IC26)]	
32	1.0000	PC	T22-00000-78023	D22-00000-78023	IC:LOGIC;BUFFER;SC70-6;SMD;NC7WZ07P6X	[P0AZP:00;(1.0)(IC8)]	
33	6.0000	PC	T22-27010-82805	D22-27010-82805	IC:LOGIC;74LVC1G08;SOT-23;PIN;SMD	[P0AAP:06;(1.0)(IC7)]	
34	1.0000	PC	T22-27020-42806	D22-27020-42806	IC:INVERTER;74LVC2G04;SOP	[P0B15:08;(1.0)(IC5)]	
35	7.0000	PC	T22-27024-50520	D22-27024-50520	IC:LOGIC;74LVC245;SOP	[P0AAQ:15;(1.0)(IC15)]	
36	28.0000	PC	T22-31016-50516	D22-31016-50516	IC:LOGIC;74HC165;SOP	[P0B15:06;(4.0)(IC7-IC10)]	
37	6.0000	PC	T22-32027-30520	D22-32027-30520	IC:LOGIC;74HCT273;SOP	[P0B15:06;(2.0)(IC3-IC4)]	
38	138.0000	PC	T22-32059-50520	D22-32059-50520	IC:LOGIC;74HCT595;SOP	[P0AAP:06;(9.0)(IC8-IC16)]	
39	7.0000	PC	T24-18081-61832	D24-18081-61832	IC:MICROCONTROLLER;ATMEGABA-AU;SMD;TQFP32	[:(1.0)(IC7)]	
40	2.0000	PC	T24-48030-02803	D24-48030-02803	IC:MICROCONTROLLER;MAX8095TRG;Vt=2.93V;SOT	[P0AZP:00;(1.0)(IC5)]	
41	1.0000	PC	T28-54534-00616	D28-54534-00616	IC:CONVERTER A/D CONVERTER;CS5340-CZZ;TSSOP	[P0AAQ:15;(1.0)(IC9)]	
42	1.0000	PC	T29-00000-18234	D29-00000-18234	IC:SRAM;SOIC;8;L208;IB8Z;SMD	[P0AAQ:16;(1.0)(IC2)]	
43	1.0000	PC	T29-00000-29818	D29-00000-29818	IC:SRAM;60;S43LR16320B-6BL;BGA;SMD	[P0AAQ:16;(1.0)(IC1)]	

## X32

## Parts List

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
44	64.0000	PC	T30-00000-61526	D30-00000-61526	[IC:SWITCH/MUXPLEX:SMD;SOIC16;V411]	[P0AAP-06: {16.0}(IC29-IC44)]	
45	1.0000	PC	T30-02206-52208	D30-02206-52208	[IC:SWITCH/MUXPLEX:POWER DISTRIBUTION SWITCH;1A;SOIC7TP52065D]	[P0AAQ-16: {1.0}(IC5)]	
46	1.0000	PC	T32-00000-18409	D32-00000-18409	[IC:EPROM;ROGM;BGA256;XC3S1400A-4FTG256C5MD]	[P0AAQ-15: {1.0}(IC12)]	
47	1.0000	PC	T33-00000-29831	D33-00000-29831	[IC:MICROCONTROLLER, PROGRAMMED;MCIMX253DJM4A;17X17MAPBGA-4005MD]	[P0AAQ-16: {1.0}(IC3)]	
48	1.0000	PC		D33-00001-16252	[IC:MICROCONTROLLER, PROGRAMMED;MICROCONTROLLER;W25X40CL-X-USB V010]	[P0AZP-00: {1.0}(IC67)]	
49	1.0000	PC		D33-00001-16254	[IC:MICROCONTROLLER, PROGRAMMED;FIRMWARE ATMEG48AU-X-USB V3]	[P0AZP-00: {1.0}(IC7)]	
50	1.0000	PC		D33-00001-23668	[IC:MICROCONTROLLER, PROGRAMMED;EPROM DATA;SD-Card Image Build v2.10 and V2.11]		
51	4.0000	PC	T12-00000-12043	D12-00000-12043	[IC:DIG COMM.;SOIC8;MLVDS TRANSCEIVER;SMD;SN65MLVD204AD]	[P0AAQ-15: {4.0}(IC17-IC18,IC22-IC23)]	(EU, UL, UK, SAA, BR, AR, HM)

### Led

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC		E10-00000-13289	[LED HB;3mmØ ROUND;RED;Len: White Diffuse; Head BASE:4.5X5.08]	[P0AZP-00: {1.0}(LD1)]	
2	238.0000	PC		E10-00000-19576	[LED HB;TRANSPARENT AMBER;SMD603]	[P0B1S-13: {56.0}(LD21-LD76)]	
3	48.0000	PC	U10-00000-39409	E10-00000-39409	[LED HB;GREEN;SMD603]	[P0B1S-06: {16.0}(LD45-LD60)]	
4	20.0000	PC	U10-00000-39410	E10-00000-39410	[LED HB;WHITE;SMD603]	[P0B1S-09: {20.0}(LD1-LD4,LD6-LD7,LD13,LD17,LD29,LD33,LD48-LD49,LD64,LD68,LD80,LD84,LD96,LD100,LD106-LD107)]	
5	29.0000	PC	U10-00000-39412	E10-00000-39412	[LED HB;GREEN;SMD805]	[P0B1S-06: {11.0}(LD2-LD4,LD102-LD109)]	
6	103.0000	PC	U10-00000-39413	E10-00000-39413	[LED HB;RED;SMD805]	[P0B1S-06: {25.0}(LD5-LD12,LD37-LD44,LD85-LD92,LD101)]	
7	32.0000	PC		E10-00000-47170	[LED;RED;LEN:RED;DIFFUSE;HB;3MM ROUND;ANGLE;BASE:4.5X5.08X6]	[P0AAQ-19: {8.0}(LD1-LD8)]	
8	62.0000	PC		E10-00000-79125	[LED HB;WAVELENGTH:586-596nm;TRANSPARENT AMBER;SMD805]	[P0B1S-06: {9.0}(LD1,LD29-LD36)]	
9	3.0000	PC	U10-09590-02370	E10-09590-02370	[LED;SMD;WAVELENGTH:465nm;COLOR:YELLOW;REFLECTOR:WATER CLEAR;LIGHTER LG-192YY-C]	[P0AAQ-15: {3.0}(LD1-LD3)]	
10	45.0000	PC		E14-00000-33404	[LED SUB;GREEN;SMD603;WATER CLEAR]	[P0B1S-03: {2.0}(LD147,LD150)]	
11	156.0000	PC	U14-00000-33405	E14-00000-33405	[LED SUB;AMBER;SMD603;WATER CLEAR]	[P0B1S-06: {32.0}(LD61-LD84,LD93-LD100)]	
12	29.0000	PC	U15-00000-40123	E15-00000-40123	[LED HB;BLUE/GREEN/RED;SMD3.5X2.8]	[P0B1S-06: {8.0}(LD21-LD28)]	

**Metal Part**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC		A62-00000-58228	METAL_P0AAQ;TIN PLATE T=0.3mm;SHIELD;BENDING + PUNCHING		
2	1.0000	PC		A62-00000-70548	METAL_PANEL_P0AAQ;SECC 1.2mm;BENDING + PUNCHING;P0AAQ-SIDE_RIGHT-REVb		
3	1.0000	PC		A62-00000-70549	METAL_PANEL_P0AAQ;SECC 1.2mm;BENDING + PUNCHING;P0AAQ-SIDE_LEFT-REV b		
4	1.0000	PC		A63-00000-12034	METAL_P0A1W;AL A6063;HEATSINK-EXTRUSION;OXIDIZING;NATURAL;SMALL HEATSINK_P0A1W;REVb	[1:01:(1.0)(H53)]	
5	1.0000	PC		A63-00000-30059	METAL_P0AAQ;ALUMINUM;HEATSINK;BLANKING + PUNCHING + BENDING;P0AAQ;HEATSINK_L-REVA	[1:01:(1.0)(H52)]	
6	1.0000	PC		A63-00000-30060	METAL_P0AAQ;ALUMINUM;HEATSINK;BLANKING + PUNCHING + BENDING;P0AAQ;HEATSINK_R-REVA	[1:01:(1.0)(H51)]	
7	2.0000	PC	Q65-00000-06911	A65-00000-06911	METAL_P0ACL;SUS 201;MACHINING;DRAW_PULL;REV:A		
8	3.0000	PC	Q65-00000-24959	A65-00000-24959	METAL_P02745;PPC 0.8mm;MOUNT;BENDING + PUNCHING;PLATING TIN;MOUNTING HELP;J00053P;REV:B	[P0AZP;00:(3.0)(M1-M3)]	
9	1.0000	PC		A65-00000-25002	METAL_P0AQ;SECC 1.0mm;SHIELD;BENDING + PUNCHING;NATURAL_P0AQ_SHIELD_EMI-REVA		
10	1.0000	PC		A65-00000-25218	METAL_P0AQ;SECC 1.0mm;MOUNT;BENDING + PUNCHING;NATURAL_P0AQ_DISPLAY_MOUNT-REVA		
11	1.0000	PC		A65-00000-30074	METAL_P0AQ;SECC 0.8mm;SHIELD;BLANKING + BENDING;P0AQ-PSU-SHIELD-REVA		
12	3.0000	PC	Q65-00000-37710	A65-00000-37710	METAL_P0AQ;SECC 2.0mm;HOLDER;BENDING + PUNCHING;P0AQ-FADER-BRACKET-RAIL-REVA		
13	1.0000	PC		A65-00000-65022	METAL_P0AQ;SECC 1.0mm;HOLDER;BENDING + PUNCHING;NATURAL_P0AQ_VENT-SHIELD-REVB		
14	25.0000	PC		A65-00000-68537	METAL_P0AAP;SECC 0.8mm;BRACKET;BENDING + PUNCHING;P0AQ_BRACKET-FADER-REVC		
15	3.0000	PC		A65-00000-71075	METAL_RAIL_P0AAP;SECC 2.0mm;PUNCHING AND BENDING;P0AAP-FADER-BRACKET-RAIL-TOP		
16	1.0000	PC		A65-00000-79532	METAL_BAR_P0AAP;SECC 0.8mm;BLANKING + PUNCHING + BENDING;LCD-GROUNDING-BAR-LEFT-REVb		
17	1.0000	PC		A65-00000-79533	METAL_BAR_P0AAP;SECC 0.8mm;BLANKING + PUNCHING + BENDING;LCD-GROUNDING-BAR-RIGHT-REVb		
18	1.0000	PC		A65-00000-84015	METAL_CAGE_P0AAP;SECC 1.0mm;BLANKING + PUNCHING + BENDING;P0AAP-PLUGIN-CARD-CAGE-REVA		
19	1.0000	PC		A65-00000-85264	METAL HOLDER_P0B1S;SECC 1.2mm;BLANKING + PUNCHING + BENDING;X32-SUPPORTER-REVA		
20	1.0000	PC		A65-00000-96512	METAL_FRONT_P0AAQ;MATERIAL:AL 6063 T5;MEDIUM GLOSS;EXTRUSION;POWDER COATING;450;P0AQ-ARMREST-REVC		
21	1.0000	PC	Z00-00000-84315	J00-00000-84315	METAL_PANEL_P0AZP;SECC 1.2mm;BLANKING + PUNCHING;PAINTING NORMAL;J8403;COVER:A001		
22	1.0000	PC		J02-00000-88974	METAL_PANEL_P0B1S;MATERIAL:SECC 1.2mm;BENDING + PUNCHING;PAINTING NORMAL;DARK GRAY METALLIC;BOTTOM CASE;A001		
23	1.0000	PC	Z05-00000-88972	J05-00000-88972	METAL_PANEL_P0B1S;MATERIAL:SECC 1.2mm;BLANKING + PUNCHING + BENDING;SPRAYING:DARK GRAY METALLIC;TOP;A001		

**Plastic Part**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	5.0000	PC	W51-00100-14745	G51-00100-14745	PLASTIC;RUBFOOT;P0738;DST.NO:001;DPT.NO:14745;(P0738-RUBFOOT-REVALDWG)		
2	6.0000	PC	W52-00000-31661	G52-00000-31661	PLASTIC;POAAQ;ABS;KNOB;BLACK;P0AQ-KNOB-DISPLAY-REVA		
3	17.0000	PC	W52-00000-35743	G52-00000-35743	PLASTIC;POAAQ;ABS;KNOB;TRANSPARENT;BLACK;P0AAQ-LED-COLLAR-KNOB-REVA		
4	3.0000	PC	W52-00000-35745	G52-00000-35745	PLASTIC;POAAQ;KNOB;2-SHOT INJECTION MOULDING;BLACK;P0AQ-KNOB-MONITOR-REVA		
5	25.0000	PC	W52-00000-58519	G52-00000-58802	PLASTIC;POAAQ;ABS;KNOB;ANODIZING CHROME;(III)CHROME;P0AQ-FADER-KNOB-NEW		
6	1.0000	PC		G52-00000-85803	PLASTIC;BUTTON;P0815;RUBBER;P0815-DISPLAY-RUBBER-8-REVA		
7	2.0000	PC		G52-00000-85804	PLASTIC;BUTTON;P0815;RUBBER;P0815-DISPLAY-RUBBER-4-REVA		
8	5.0000	PC		G53-00000-17755	PLASTIC;POAAQ;ABS;HOLDER;INJECTION MOULDING;BLACK;P0AAQ-LCD HOLDER SINGLE-REVA		
9	3.0000	PC	W53-00000-17757	G53-00000-17757	PLASTIC;POAAQ;ABS;HOLDER;INJECTION MOULDING;BLACK;P0AAQ-LCD HOLDER CHANNEL8-REVA		
10	1.0000	PC	W53-00000-25130	G53-00000-25130	PLASTIC;POAAQ;ABS;SIDE;INJECTION MOULDING;MATT;PAINTING NORMAL;BLACK;P0AQ-SIDE CAP LEFT-REVA		
11	1.0000	PC	W53-00000-25132	G53-00000-25132	PLASTIC;POAAQ;ABS;SIDE;INJECTION MOULDING;GLOSS HIGH;PAINTING NORMAL;BLACK;P0AAQ-SIDE_CAP_RIGHT-REVA		
12	1.0000	PC	W53-00000-35748	G53-00000-35748	PLASTIC;P0AAQ;ABS;HOLDER;BLACK;P0AQ-LED METER_EQ-REVA		
13	2.0000	PC	W53-00000-35749	G53-00000-35749	PLASTIC;P0AAQ;ABS;HOLDER;BLACK;P0AQ-LED_METER_SINGLE-REVA		
14	1.0000	PC		G53-00000-37711	PLASTIC;POAAQ;SILICON RUBBER;PAD;BLACK MATT;P0AAQ-PHONE-BAY-RUBBER-REVA		
15	1.0000	PC		G53-00000-37712	PLASTIC;POAAQ;ABS;HOLDER;INJECTION MOULDING;MATTE;PAINTING NORMAL;BLACK;P0AAQ-PHONE-BAY-REVA		
16	25.0000	PC	W53-00000-56330	G53-00000-56330	PLASTIC;POAAQ;POM (Polyoxymethylene);WHEEL;INJECTION;GLOSS HIGH;BLACK;P0AAQ-WHEEL-REVA		
17	25.0000	PC		G53-00000-58726	PLASTIC;POAAQ;RACK;INJECTION;P0AAQ-FADER-BELT		
18	3.0000	PC		G53-00000-59100	PLASTIC;POAAQ;PC (Polycarbonate);HOLDER;2-SHOT INJECTION MOULDING;BLACK;TRANSPARENT;P0AAQ-LED-METER DISPLAY REV8		
19	9.0000	PC		G53-00000-70623	PLASTIC;HOUSING;P0AP;ABS;INJECTION;GLOSS HIGH;BLACK;P0AP-BUTTON-HOUSING-H8-REVA		
20	1.0000	PC		G53-00000-70624	PLASTIC;HOUSING;P0AP;ABS;INJECTION;GLOSS HIGH;BLACK;P0AP-BUTTON-HOUSING-2X3-REVA		
21	2.0000	PC		G53-00000-70626	PLASTIC;HOUSING;P0AP;ABS;INJECTION;GLOSS HIGH;BLACK;P0AP-BUTTON-HOUSING-V4-REVA		
22	5.0000	PC		G53-00000-70634	PLASTIC;HOUSING;P0AP;ABS;INJECTION;GLOSS HIGH;BLACK;P0AP-BUTTON-HOUSING-SINGLE-REVA		
23	1.0000	PC		G53-00000-70645	PLASTIC;HOUSING;P0AWP;ABS;INJECTION;BLACK;P0AWP-SINGLE BUTTON_HOUSING-REVA		
24	27.0000	PC	W53-00000-77640	G53-00000-77640	PLASTIC;EPE;P0AAQ;ABS PC1 and 2 SHOT INJECTION MOULDING;YS1001A;BLACK;TRANSPARENT;P0AAQ-LED_METER REV8		
25	2.0000	PC		G53-00000-81372	PLASTIC;BUTTON;P0AAP;SILICON RUBBER;RUBBER TOOLING;TRANSPARENT;WHITE DIFUSED;RUBBER;V4-REVA		
26	9.0000	PC		G53-00000-81373	PLASTIC;BUTTON;P0AAP;SILICON RUBBER;RUBBER TOOLING;TRANSPARENT;WHITE DIFUSED;RUBBER;H8-REVA		
27	5.0000	PC		G53-00000-81375	PLASTIC;BUTTON;P0AAP;SILICON RUBBER;RUBBER TOOLING;TRANSPARENT;WHITE DIFUSED;RUBBER;SINGLE-REVA		
28	1.0000	PC		G53-00000-81378	PLASTIC;BUTTON;P0AAP;SILICON RUBBER;RUBBER TOOLING;TRANSPARENT;WHITE DIFUSED;RUBBER;2X3-REVA		

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
29	1.0000	PC		G53-00000-85227	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B3-REVA		
30	1.0000	PC		G53-00000-85229	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B1-REVA		
31	1.0000	PC		G53-00000-85230	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B251-REVA		
32	1.0000	PC		G53-00000-85231	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B2X4-REVA		
33	1.0000	PC		G53-00000-85232	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-S4-REVA		
34	1.0000	PC		G53-00000-85233	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B351-REVA		
35	1.0000	PC		G53-00000-85234	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B252-REVA		
36	2.0000	PC		G53-00000-85235	PLASTIC;BUTTON;P0B15;RUBBER;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B451-REVA		
37	1.0000	PC		G53-00000-85236	PLASTIC;BUTTON;P0B15;RUBBER;MOULDING;PAINTING NORMAL;TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B1S1-REVA		
38	1.0000	PC		G53-00000-85237	PLASTIC;BUTTON;P0B15;RUBBER;INJECTION;PAINTING (RUBBER);TRANSPARENT WHITE DIFFUSED;X32-RUBBER-B4S2-REVA		
39	1.0000	PC		G53-00000-85245	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B3-REVA		
40	1.0000	PC		G53-00000-85246	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B1-REVA		
41	1.0000	PC		G53-00000-85247	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B253-REVA		
42	1.0000	PC		G53-00000-85248	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B2X4-REVA		
43	1.0000	PC		G53-00000-85249	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-S4-REVA		
44	1.0000	PC		G53-00000-85250	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B351-REVA		
45	1.0000	PC		G53-00000-85251	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B252-REVA		
46	2.0000	PC		G53-00000-85252	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B451-REVA		
47	1.0000	PC		G53-00000-85253	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B1S1-REVA		
48	1.0000	PC		G53-00000-85254	PLASTIC;HOUSING;P0B15;ABS;INJECTION;GLOSS HIGH;BLACK;X32-HOUSING-B4S2-REVA		
49	1.0000	PC		G53-00000-85828	PLASTIC;BUTTON;P0AWP;SILICON RUBBER;RUBBER TOOLING;TRANSPARENT WHITE DIFFUSED;P0AWP-SINGLE RUBBER BUTTON;REVA		
50	17.0000	PC	W53-00000-97898	G53-00000-97898	PLASTIC;HOLDER;P0AAQ;ABS PC-2-SHOT INJECTION MOULDING;YS11001A;TRANSPARENT;BLACK;P0AAQ-LED-COLLAR-REV8		
51	25.0000	PC		G53-00001-04389	PLASTIC;HEEL;P0AHW;POM (Polyoxymethylene);INJECTION;WHITE;GEAR		
52	25.0000	PC		G53-00001-17990	PLASTIC;HOLDER;P0AHW;POM (Polyoxymethylene);INJECTION;GEAR HOLDER REV.A		
53	29.0000	PC	W54-00000-37713	G54-00000-37713	PLASTIC;P0AAQ;ACRYLIC;LENS;P0AAQ-LCD-LENS-FLAT-REVA		
54	25.0000	PC	W58-00000-45211	G58-00000-45211	PLASTIC;P0246;NYLON 66;POLYAMIDE 66;FADER;INJECTION;BLACK;BELT HOLDER REV.D		
55	1.0000	PC		G58-00000-52835	PLASTIC;P0AAQ;ABS (VO);HOLDER;INJECTION;P0AAQ-Ferrite-holder;REVA		
56	1.0000	PC	W58-00000-70647	G58-00000-70647	PLASTIC;RING;P0AWP;ABS;P0AWP-USB-RING-REVA		
57	1.0000	PC	Y63-00000-49750	I63-00000-49750	PLASTIC;P0AAQ;PC (Polycarbonate);LENS;TRANSPARENT;P0AAQ-DISPLAY-OVERLAY-REVA		

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
58	1.0000	PC	Y63-00000-79512	163-00000-79512	PLASTIC;CASE;POAAP;ABS;INJECTION;SPRAYING;BLACK;DISPLAY-HOUSING-REV		
59	1.0000	PC		163-00000-86838	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-HOME-REVA		
60	1.0000	PC		163-00000-86846	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-UTILITY-REVA		
61	1.0000	PC		163-00000-86848	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-METERS-REVA		
62	1.0000	PC		163-00000-86850	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-ROUTING-REVA		
63	1.0000	PC		163-00000-86852	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-SETUP-REVA		
64	1.0000	PC		163-00000-86853	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-LIBRARY-REVA		
65	1.0000	PC		163-00000-86854	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-EFFECT-REVA		
66	1.0000	PC		163-00000-86855	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-MUTEGRP-REVA		
67	4.0000	PC		163-00000-86867	PLASTIC;BUTTON;P0815;PC;INJECTION;PAINTING NORMAL;BLACK MATT;TRANSPARENT;P0815;DISPLAY-BUTTON-PSLUD-REVA		

**Plug Socket**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	16.000	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)	[P0AAQ:04:(1.0)(X1-X6,X8-X13)]	
2	1.0000	PC	W67-00000-17679	G67-00000-17679	SOCKET;HOUSING:3-R-3013N-B01		
3	1.0000	PC	W68-34004-17323	G68-34004-17323	PLUG;RCA;SOCKET;CAJACK4P/S;FEMALE;POLES:04;STRAIGHT	[P0AAQ:04:(1.0)(X7)]	
4	26.0000	PC		G71-00000-17674	WAFER;2P;ROWS:1;ANGLED;PITCH:2 MM;HY:2PAW	[P0B1S06:(8.0)(X1-X8)]	
5	2.0000	PC		G71-00000-18295	PCB SOCKET;PIN SOCKET;HOUSING:24;ROWS:2;ANGLED:2 MM;SMD	[P0AAQ:15:(2.0)(X11,X16)]	
6	2.0000	PC		G71-00000-18297	PCB SOCKET;PIN SOCKET;HOUSING:32;ROWS:2;ANGLED:2 MM;SMD	[P0AAQ:15:(2.0)(X12,X17)]	
7	2.0000	PC		G71-00000-18401	PIN HEAD:24;ROWS:2;ANGLED:2 MM;DUAL SMD PIN HEADER	[P0AAQ:16:(2.0)(X3,X5)]	
8	2.0000	PC		G71-00000-18402	PIN HEAD:32;ROWS:2;ANGLED:2 MM;DUAL SMD PIN HEADER	[P0AAQ:16:(2.0)(X4,X6)]	
9	2.0000	PC		G71-00000-25923	WAFER;PCB WAFER;2;ROWS:1;ANGLED:7.92 MM;JS1120	[1:01:(1.0)(X3)]	
10	2.0000	PC		G71-23102-04756	WAFER;POLES:2;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-2P	[1:01:(2.0)(X7,X11)]	
11	4.0000	PC		G71-23103-04757	WAFER;POLES:3;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-3P	[P0AAQ:05:(1.0)(X5)]	
12	6.0000	PC	W71-23104-04758	G71-23104-04758	WAFER;POLES:4;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-4P	[P0AAQ:15:(1.0)(X2)]	
13	3.0000	PC		G71-23105-04745	WAFER;POLES:5;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-5P	[P0AAQ:15:(2.0)(X13,X19)]	
14	2.0000	PC		G71-23106-04965	WAFER;POLES:6;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-6P	[P0B1S06:(1.0)(X13)]	
15	2.0000	PC	W71-23108-04747	G71-23108-04747	WAFER;POLES:8;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-8P	[P0B1S07:(1.0)(X13)]	
16	1.0000	PC	W71-23110-04749	G71-23110-04749	WAFER;POLES:10;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-10P	[1:01:(1.0)(X5)]	
17	7.0000	PC		G71-23112-04751	WAFER;POLES:12;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-12P	[1:01:(6.0)(X4,X8,X12-X13,X15-X16)]	
18	2.0000	PC		G71-23113-04752	WAFER;POLES:13;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-13P	[1:01:(1.0)(X9)]	
19	1.0000	PC		G71-23115-04754	WAFER;POLES:15;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-15P	[P0B1S11:(1.0)(X1)]	
20	1.0000	PC		G71-23116-04755	WAFER;POLES:16;STRAIGHT;PITCH:2 mm;1 ROW;TYPE:A2006VV-16P	[P0B1S09:(1.0)(X4)]	
21	1.0000	PC		G71-27102-04450	WAFER;POLES:2;STRAIGHT;PITCH:3.96 mm;1 ROW;JS1120-03-51;NO MIDDLE PIN	[2:02:(1.0)(X1)]	
22	26.0000	PC		G71-43102-05994	PLUG;HOUSING;POLES:2;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
23	3.0000	PC		G71-43103-05995	PLUG;HOUSING;POLES:3;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
24	6.0000	PC	W71-43104-05996	G71-43104-05996	PLUG;HOUSING;POLES:4;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
25	2.0000	PC		G71-43105-05997	PLUG;HOUSING;POLES:5;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
26	2.0000	PC		G71-43106-05998	PLUG;HOUSING;POLES:6;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
27	2.0000	PC	W71-43108-06000	G71-43108-06000	PLUG;HOUSING;POLES:8;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
28	1.0000	PC	W71-43110-06002	G71-43110-06002	PLUG;HOUSING;POLES:10;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
29	7.0000	PC		G71-43112-06004	PLUG;HOUSING;POLES:12;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
30	2.0000	PC		G71-43113-06005	PLUG;HOUSING;POLES:13;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
31	1.0000	PC		G71-43115-06763	PLUG;HOUSING;POLES:15;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
32	1.0000	PC		G71-43116-06764	PLUG;HOUSING;POLES:16;ROWS:1;STRAIGHT;PITCH:2mm;TYP:A2008		
33	3.0000	PC	W71-47103-05845	G71-47103-05845	PLUG;HOUSING;A3963H02;PITCH:3mm96;POLES:3;ROWS:1;UL94-V0;STRAIGHT		
34	224.0000	PC		G71-80000-05663	BD-IN-CONN;TERMINAL;SAN-002T-0.8A		
35	1.0000	PC		G71-83102-05642	BOARD-IN-CONNECTOR;POLES:2;ROWS:1;STRAIGHT;PITCH:2 mm		
36	3.0000	PC		G71-83103-05643	BOARD-IN-CONNECTOR;POLES:3;ROWS:1;STRAIGHT;PITCH:2 mm		
37	6.0000	PC		G71-83104-05644	BOARD-IN-CONNECTOR;POLES:4;ROWS:1;STRAIGHT;PITCH:2 mm		
38	2.0000	PC		G71-83105-05647	BOARD-IN-CONNECTOR;POLES:5;ROWS:1;STRAIGHT;PITCH:2 mm		
39	2.0000	PC		G71-83106-05650	BOARD-IN-CONNECTOR;POLES:6;ROWS:1;STRAIGHT;PITCH:2 mm		
40	2.0000	PC		G71-83108-05652	BOARD-IN-CONNECTOR;POLES:8;ROWS:1;STRAIGHT;PITCH:2 mm		
41	1.0000	PC		G71-83110-05654	BOARD-IN-CONNECTOR;POLES:10;ROWS:1;STRAIGHT;PITCH:2 mm		
42	7.0000	PC		G71-83112-05657	BOARD-IN-CONNECTOR;POLES:12;ROWS:1;STRAIGHT;PITCH:2 mm		
43	2.0000	PC		G71-83113-05818	BOARD-IN-CONNECTOR;POLES:13;ROWS:1;STRAIGHT;PITCH:2 mm		

**X32****Parts List**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
44	1.0000	PC		G71-83115-05661	BOARD-IN-CONNECTOR;POLES:15;ROWS:1;STRAIGHT;PITCH:2 mm		
45	1.0000	PC		G71-83116-05819	BOARD-IN-CONNECTOR;POLES:16;ROWS:1;STRAIGHT;PITCH:2 mm		
46	1.0000	PC	W76-00000-02200	G76-00000-02200	PLUG;RJ45;DUAL ROW;ANGLED	[P0AAQ:15:(1.0)(X23)]	
47	1.0000	PC		G76-00000-18427	PLUG;DIN;RJ45;8:2.54 MM;RJ45-112-BP8C-EP	[P0AAQ:15:(1.0)(X24)]	
48	2.0000	PC	W76-10580-03132	G76-10580-03132	PLUG;DIN;PLUG;FEMALE;POLES:5;ANGLED	[P0AAQ:15:(2.0)(X25-X26)]	

**Power Supply**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	1.0000	PC	W83-02153-01037	G83-02153-01037	BUTTON-CELL;CAPACITY:215mAh;3V;SPEC.NO:01037;(CR2032)		X10
2	1.0000	PC	Z63-00000-40102	J63-00000-40102	TRANSFORMER;POAAQ;EC3542 L:3.4mH MIN@1KHZ;0.25V X32 SG	[1:01:(1.0)(TR2)]	
3	2.0000	PC	Z66-00000-12096	J66-00000-12096	TRAFO;PULSE;POAC;VoIP MAGNETIC MODULE:H2006ANL;SMD	[P0AAQ:15:(2.0)(TR1-TR2)]	
4	1.0000	PC	Z66-05612-33272	J66-05612-33272	TRAFO;PULSE;PE-65612;SPEC.NO:33272	[P0AAQ:15:(1.0)(TR3)]	
5	1.0000	PC	W83-02153-01037	G83-02153-01037	BUTTON-CELL;CAPACITY:215mAh;3V;SPEC.NO:01037;(CR2032)		(EU, UL, UK, SAA, BR, AR, HM)

**Quarz**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	7.0000	PC		H64-00000-15597	QUARZ;OSCILLATOR;8MHz;8pF;SIZE:5X3.2mm;50ppm;SMD	[P0AZP:00:(1.0)(Q2)]	
2	1.0000	PC		H64-00000-18819	QUARZ;OSCILLATOR;16 MHz;SMD;3.3V;50PPM;SIZE:7X5X1.5	[P0AAQ:15:(1.0)(Q1)]	
3	1.0000	PC		H64-00000-29819	QUARZ;OSCILLATOR;25 MHz;8pF;5X3MM;SMD	[P0AAQ:16:(1.0)(Q2)]	
4	1.0000	PC		H64-00000-78019	QUARZ;OSCILLATOR;13 MHz;SMD;3.3V;SIZE:7X5X1.5	[P0AZP:00:(1.0)(Q3)]	
5	5.0000	PC	X65-00000-17608	H65-00000-17608	QUARZ;RESONATOR;12 MHz;8pF;SMD;SIZE:5X3MM;50ppm	[P0B1506:(1.0)(Q1)]	
6	1.0000	PC		H65-00000-36991	QUARZ;RESONATOR;24 MHz;8pF;SMD;SIZE:5X3.2	[P0AAQ:16:(1.0)(Q4)]	
7	2.0000	PC		H65-00000-38720	QUARZ;RESONATOR;32.768 kHz;SMD;3.2*1.5	[P0AAQ:16:(2.0)(Q1,Q3)]	

**Resistor**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	32.0000	PC			RESISTOR;METAL;110 ohm;0W100:1%;100 PPM;SMD603;MET	[P0AAP-06: (8.0)(R232-R239)]	*NOT available in DP
2	2.0000	PC			RESISTOR;CARBON;43.2 ohm;0W125:1%;100 PPM;SMD805;THICK FILM	[1:01: (2.0)(R86,R88)]	*NOT available in DP
3	64.0000	PC			RESISTOR;METAL;130 ohm;0W100:1%;100 PPM;SMD603;MET	[P0AAP-06: (16.0)(R176-R183,R192-R199)]	*NOT available in DP
4	32.0000	PC			RESISTOR;METAL;15 ohm;0W100:1%;100 PPM;SMD603;MET	[P0AAP-06: (8.0)(R288-R295)]	*NOT available in DP
5	2.0000	PC			RESISTOR;METAL;23.7 kohm;0W100:1%;5% SMD805;MET	[1:01: (2.0)(R73,R79)]	*NOT available in DP
6	64.0000	PC			RESISTOR;METAL;62 ohm;0W100:1%;100 PPM;SMD603;MET	[P0AAP-06: (16.0)(R240-R247,R249,R251,R253,R255,R257,R259,R261,R263)]	*NOT available in DP
7	1.0000	PC			RESISTOR;METAL;6.2 kohm;0W25:1%;SMD1206	[1:01: (1.0)(R39)]	*NOT available in DP
8	2.0000	PC			RESISTOR;METAL;62 kohm;0W25:1%;SMD1206	[1:01: (2.0)(R22-R23)]	*NOT available in DP
9	2.0000	PC			RESISTOR;METAL;68 kohm;0W25:1%;SMD1206	[1:01: (2.0)(R39-R40)]	*NOT available in DP
10	6.0000	PC			RESISTOR;CARBON;4.7 kohm;0.0625 W;5 %100 ppm;SMD402	[P0AAQ-16: (6.0)(R59-R60,R63-R66)]	*NOT available in DP
11	32.0000	PC			RESISTOR;METAL;11 ohm;0W0625:1%;200 PPM;SMD603;THICK FILM	[P0AAP-06: (8.0)(R296,R298,R300,R302,R304,R306,R308,R310)]	*NOT available in DP
12	32.0000	PC			RESISTOR;METAL;27 ohm;0W0625:1%;200 PPM;SMD603;THICK FILM	[P0AAP-06: (8.0)(R272-R279)]	*NOT available in DP
13	64.0000	PC			RESISTOR;THICK FILM;6k8 ohm;1%;SMD1210	[P0AAP-06: (16.0)(R456-R471)]	*NOT available in DP
14	29.0000	PC			RESISTOR;CARBON;180ohm;5%;0W063;SMD603	[P0B1S06: (8.0)(R47,R61,R72-R73,R96,R121-R123)]	*NOT available in DP
15	5.0000	PC			RESISTOR;CARBON;9kohm;5%;0W063;SMD603	[P0AAQ-15: (5.0)(R1,R22-R24,R27)]	*NOT available in DP
16	1.0000	PC			RESISTOR;CARBON;2ohm;2.5%;0W063;SMD603	[P0AZP-00: (1.0)(R224)]	*NOT available in DP
17	5.0000	PC			RESISTOR;CARBON;10ohm;5%;0W063;SMD603	[P0AAQ-15: (2.0)(R222-R223)]	*NOT available in DP
18	29.0000	PC			RESISTOR;CARBON;33ohm;5%;0W063;SMD603	[P0AZP-00: (2.0)(R3,R5-R11,R17-R20,R23-R26,R31-R34,R42,R46-R47)]	*NOT available in DP
19	26.0000	PC			RESISTOR;CARBON;47ohm;5%;0W063;SMD603	[P0AAQ-15: (15.0)(R6-R7,R9-R10,R13-R15,R17,R82,R86-R87,R92,R97-R98,R207)]	*NOT available in DP
20	157.0000	PC			RESISTOR;CARBON;100ohm;5%;0W063;SMD603	[P0AZP-00: (1.0)(R62)]	*NOT available in DP
21	743.0000	PC			RESISTOR;CARBON;330ohm;5%;0W063;SMD603	[P0AAQ-15: (4.0)(R16,R18,R69,R165)]	*NOT available in DP
22	32.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W063;SMD603	[P0AZP-00: (4.0)(R21-R22,R35,R221)]	*NOT available in DP
23	2.0000	PC			RESISTOR;CARBON;1.2Kohm;2.5%;0W063;SMD603	[P0B1S15: (2.0)(R32,R36)]	*NOT available in DP
24	31.0000	PC			RESISTOR;CARBON;2Kohm;5%;0W063;SMD603	[P0B1S06: (8.0)(R103,R106-R110,R112-R113)]	*NOT available in DP
25	4.0000	PC			RESISTOR;CARBON;2Kohm;2.5%;0W063;SMD603	[P0AZP-00: (1.0)(R27)]	*NOT available in DP
26	32.0000	PC			RESISTOR;CARBON;3Kohm;5%;0W063;SMD603	[P0AAP-06: (8.0)(R248,R250,R252,R254,R256,R258,R260,R262)]	*NOT available in DP
27	33.0000	PC			RESISTOR;CARBON;4Kohm;7.5%;0W063;SMD603	[P0AZP-00: (1.0)(R71)]	*NOT available in DP
28	1.0000	PC			RESISTOR;CARBON;6Kohm;5%;0W063;SMD603	[P0AZP-00: (1.0)(R79)]	*NOT available in DP
29	327.0000	PC			RESISTOR;CARBON;10Kohm;5%;0W063;SMD603	[P0AZP-00: (7.0)(R16,R30,R41,R43-R44,R58,R223)]	*NOT available in DP
30	1.0000	PC			RESISTOR;CARBON;15Kohm;5%;0W063;SMD603	[P0B1S15: (1.0)(R15)]	*NOT available in DP
31	1.0000	PC			RESISTOR;CARBON;18Kohm;5%;0W063;SMD603	[P0B1S15: (1.0)(R2)]	*NOT available in DP
32	48.0000	PC			RESISTOR;CARBON;20Kohm;5%;0W063;SMD603	[P0AAQ-04: (24.0)(R19-R42)]	*NOT available in DP
33	1.0000	PC			RESISTOR;CARBON;22Kohm;5%;0W063;SMD603	[P0AAQ-15: (1.0)(R44)]	*NOT available in DP
34	1.0000	PC			RESISTOR;CARBON;27Kohm;5%;0W063;SMD603	[P0AAQ-15: (1.0)(R42)]	*NOT available in DP
35	3.0000	PC			RESISTOR;CARBON;30Kohm;5%;0W063;SMD603	[P0B1S06: (1.0)(R8)]	*NOT available in DP
36	39.0000	PC			RESISTOR;CARBON;47Kohm;5%;0W063;SMD603	[P0AZP-00: (1.0)(R60)]	*NOT available in DP
37	2.0000	PC			RESISTOR;CARBON;82Kohm;5%;0W063;SMD603	[P0B1S15: (2.0)(R8,R14)]	*NOT available in DP
38	8.0000	PC			RESISTOR;CARBON;100Kohm;5%;0W063;SMD603	[P0AAQ-20: (1.0)(R45)]	*NOT available in DP
39	3.0000	PC			RESISTOR;CARBON;150Kohm;5%;0W063;SMD603	[P0B1S06: (1.0)(R18)]	*NOT available in DP
40	34.0000	PC			RESISTOR;METAL;1ohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R33,R36,R39,R42,R45,R48,R51,R54)]	*NOT available in DP
41	32.0000	PC			RESISTOR;METAL;33ohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R280-R287)]	*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
42	32.0000	PC			RESISTOR;METAL;51ohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R104,R106,R108,R110,R112,R114,R116,R118)]	*NOT available in DP
43	4.0000	PC			RESISTOR;METAL;51ohm;1%;METAL;0W063;SMD603	[P0AAQ-16: (4.0)(R47,R50,R53,R56)]	*NOT available in DP
44	96.0000	PC			RESISTOR;METAL;120ohm;1%;0W063;SMD603	[P0AAP-06: (24.0)(R57-R58,R61-R62,R65-R66,R69-R70,R73-R74,R77-R78,R81-R82,R85-R86,R264-R271)]	*NOT available in DP
45	1.0000	PC			RESISTOR;METAL;200ohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R70)]	*NOT available in DP
46	1.0000	PC			RESISTOR;METAL;332ohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R69)]	*NOT available in DP
47	32.0000	PC			RESISTOR;METAL;390ohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R204,R211)]	*NOT available in DP
48	32.0000	PC			RESISTOR;METAL;47ohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R216,R223)]	*NOT available in DP
49	6.0000	PC			RESISTOR;METAL;499ohm;1%;0W063;SMD603	[P0AAQ-15: (6.0)(R62,R96,R103,R140,R155,R180)]	*NOT available in DP
50	96.0000	PC			RESISTOR;SMD;METAL;91ohm;1%;0W063;SMD603	[P0AAP-06: (24.0)(R56,R59-R60,R63-R64,R67-R68,R71-R72,R75-R76,R79-R80,R83-R87,R184-R191)]	*NOT available in DP
51	113.0000	PC			RESISTOR;METAL;1Kohm;1%;0W063;SMD603	[P0AAQ-15: (16.0)(R34,R40,R48-R49,R58,R61,R93,R95,R99,R102,R137,R139,R151,R154,R177,R179)]	*NOT available in DP
52	64.0000	PC			RESISTOR;METAL;1Kohm;1%;0W063;SMD603	[P0AAQ-20: (32.0)(R102-R109,R114,R116-R117,R119-R120,R122-R123,R125,R159,R161,R163,R165,R167,R169,R171,R173-R181)]	*NOT available in DP
53	32.0000	PC			RESISTOR;METAL;1Kohm;3%;0W063;SMD603	[P0AAP-06: (8.0)(R224-R231)]	*NOT available in DP
54	1.0000	PC			RESISTOR;METAL;2Kohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R2)]	*NOT available in DP
55	32.0000	PC			RESISTOR;METAL;2Kohm;2%;0W063;SMD603	[P0AAP-06: (8.0)(R165,R167,R169,R171-R175)]	*NOT available in DP
56	32.0000	PC			RESISTOR;METAL;2Kohm;21%;0W063;SMD603	[P0AAP-06: (16.0)(R110-R111,R115,R118,R121,R124,R158,R160,R162,R164,R166,R168,R170,R172)]	*NOT available in DP
57	16.0000	PC			RESISTOR;METAL;2Kohm;67%;1%;0W063;SMD603	[P0AAC-15: (16.0)(R63-R66,R115-R118,R131-R134,R181-R184)]	*NOT available in DP
58	32.0000	PC			RESISTOR;SMT;2Kohm;71%;METAL;0W063;SMD603	[P0AAP-06: (8.0)(R128,R130,R132,R134,R136-R139)]	*NOT available in DP
59	1.0000	PC			RESISTOR;METAL;3Kohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R1)]	*NOT available in DP
60	64.0000	PC			RESISTOR;METAL;3Kohm;30%;1%;0W063;SMD603	[P0AAP-06: (16.0)(R337-R338,R341-R342,R345-R346,R349-R350,R353-R354,R357-R358,R361-R362,R365-R366)]	*NOT available in DP
61	32.0000	PC			RESISTOR;METAL;3Kohm;32;1%;0W063;SMD603	[P0AAQ-20: (16.0)(R46,R49-R50,R53-R54,R57-R58,R61,R86-R93)]	*NOT available in DP
62	32.0000	PC			RESISTOR;METAL;3Kohm;74;1%;0W063;SMD603	[P0AAQ-20: (16.0)(R37-R44,R63-R64,R67-R68,R71-R72,R75-R76)]	*NOT available in DP
63	1.0000	PC			RESISTOR;METAL;4Kohm;7%;1%;0W063;SMD603	[P0AAQ-15: (1.0)(R38)]	*NOT available in DP
64	2.0000	PC			RESISTOR;METAL;5Kohm;1%;0W063;SMD603	[P0BS15:1: (2.0)(R22,R28)]	*NOT available in DP
65	2.0000	PC			RESISTOR;METAL;5Kohm;11;1%;0W063;SMD603	[P0AAC-15: (2.0)(R32-R33)]	*NOT available in DP
66	16.0000	PC			RESISTOR;METAL;5Kohm;6%;1%;0W063;SMD603	[P0AAQ-15: (16.0)(R55-R56,R75,R80,R105-R106,R111-R12,R122-R123,R142,R147,R169-R170,R175-R176)]	*NOT available in DP
67	32.0000	PC			RESISTOR;METAL;9Kohm;09;1%;0W063;SMD603	[P0AAP-06: (8.0)(R200-R203,R212-R215)]	*NOT available in DP
68	324.0000	PC			RESISTOR;METAL;10Kohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R54)]	*NOT available in DP
69	3.0000	PC			RESISTOR;METAL;12Kohm;1%;0W063;SMD603	[P0AAC-15: (2.0)(R161-R162)]	*NOT available in DP
70	16.0000	PC			RESISTOR;METAL;12Kohm;4%;1%;0W063;SMD603	[P0AAC-15: (16.0)(R76-R79,R107-R110,R143-R146,R171-R174)]	*NOT available in DP
71	32.0000	PC			RESISTOR;METAL;15Kohm;1%;0W063;SMD603	[P0AAQ-20: (16.0)(R47-R48,R51-R52,R55-R56,R59-R60,R78-R85)]	*NOT available in DP
72	1.0000	PC			RESISTOR;METAL;16Kohm;1%;0W063;SMD603	[P0AAQ-16: (1.0)(R45)]	*NOT available in DP
73	64.0000	PC			RESISTOR;METAL;20Kohm;1%;0W063;SMD603	[P0AAP-06: (16.0)(R120,R122,R124,R126,R140-R143,R150-R151,R154-R155,R158-R159,R162-R163)]	*NOT available in DP
74	32.0000	PC			RESISTOR;METAL;33Kohm;1%;0W1;SMD805	[P0AAP-06: (8.0)(R416-R423)]	*NOT available in DP
75	65.0000	PC			RESISTOR;METAL;47Kohm;1%;0W063;SMD603	[P0AAQ-15: (1.0)(R37)]	*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
76	32.0000	PC			RESISTOR;METAL;68Kohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R297,R299,R301,R303,R305,R307,R309,R311)]	*NOT available in DP
77	32.0000	PC			RESISTOR;METAL;180Kohm;1%;0W063;SMD603	[P0AAP-06: (8.0)(R144,R148,R152,R156,R160)]	*NOT available in DP
78	1.0000	PC			RESISTOR;METAL;470Kohm;1%;0W063;SMD603	[P0AZP-00: (1.0)(R28)]	*NOT available in DP
79	2.0000	PC			RESISTOR;THICK FILM;220hm;0W063;5%;SMD402	[P0AAQ-16: (2.0)(R70-R71)]	*NOT available in DP
80	1.0000	PC			RESISTOR;METAL;11Kohm;3.1%;PM100;0W063;SMD603	[P0AAQ-16: (1.0)(R69)]	*NOT available in DP
81	13.0000	PC			RESISTOR;CARBON;0ohm;2%;0W1;SMD805	[P0AZP-00: (6.0)(R12-R14,R50,R53,R55)]	*NOT available in DP
82	4.0000	PC			RESISTOR;CARBON;2.0hm;2.5%;0W1;SMD805	[P0AAQ-15: (4.0)(R194-R197)]	*NOT available in DP
83	47.0000	PC			RESISTOR;CARBON;5.0hm;1.5%;0W1;SMD805	[P0AZP-00: (1.0)(R45)]	*NOT available in DP
84	68.0000	PC			RESISTOR;CARBON;10ohm;5%;0W1;SMD805	[P0AAQ-15: (12.0)(R45,R104)]	*NOT available in DP
85	4.0000	PC			RESISTOR;CARBON;22ohm;5%;0W1;SMD805	[P0B15-11: (4.0)(R11,R16,R24,R31)]	*NOT available in DP
86	16.0000	PC			RESISTOR;CARBON;7.5ohm;5%;0W1;SMD805	[P0AAQ-15: (8.0)(R199-R206)]	*NOT available in DP
87	3.0000	PC			RESISTOR;CARBON;110ohm;5%;0W1;SMD805	[1:01:(1.0)(R93)]	*NOT available in DP
88	1.0000	PC			RESISTOR;CARBON;110ohm;5%;0W1;SMD805	[P0AAQ-15: (1.0)(R198)]	*NOT available in DP
89	86.0000	PC			RESISTOR;CARBON;150ohm;5%;0W1;SMD805	[P0AAQ-04: (12.0)(R144,R6,R8,R10,R12-R18)]	*NOT available in DP
90	1.0000	PC			RESISTOR;CARBON;220ohm;5%;0W1;SMD805	[P0AAQ-15: (1.0)(R213)]	*NOT available in DP
91	32.0000	PC			RESISTOR;CARBON;3.9ohm;5%;0W1;SMD805	[P0AAP-06: (8.0)(R377,R381,R385,R389,R393,R397,R401,R405)]	*NOT available in DP
92	6.0000	PC			RESISTOR;CARBON;470ohm;5%;0W1;SMD805	[1:01:(5.0)(R94,R132-R135)]	*NOT available in DP
93	4.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W1;SMD805	[1:01:(4.0)(R48,R84,R108,R111)]	*NOT available in DP
94	32.0000	PC			RESISTOR;CARBON;2Kohm;2.5%;0W1;SMD805	[P0AAQ-20: (16.0)(R222-R237)]	*NOT available in DP
95	1.0000	PC			RESISTOR;CARBON;2Kohm;7.5%;0W1;SMD805	[1:01:(1.0)(R57)]	*NOT available in DP
96	1.0000	PC			RESISTOR;CARBON;3Kohm;3.5%;0W1;SMD805	[1:01:(1.0)(R116)]	*NOT available in DP
97	2.0000	PC			RESISTOR;CARBON;4Kohm;7.5%;0W1;SMD805	[1:01:(2.0)(R28,R128)]	*NOT available in DP
98	1.0000	PC			RESISTOR;CARBON;6.5Kohm;8.5%;0W1;SMD805	[1:01:(1.0)(R27)]	*NOT available in DP
99	1.0000	PC			RESISTOR;CARBON;27Kohm;5%;0W1;SMD805	[1:01:(1.0)(R41)]	*NOT available in DP
100	41.0000	PC			RESISTOR;CARBON;100Kohm;5%;0W1;SMD805	[1:01:(1.0)(R110)]	*NOT available in DP
101	1.0000	PC			RESISTOR;CARBON;1Mohm;5%;0W1;SMD805	[1:01:(1.0)(R61)]	*NOT available in DP
102	4.0000	PC			RESISTOR;METAL;10ohm;1%;0W1;SMD805	[1:01:(4.0)(R52,R67,R90,R92)]	*NOT available in DP
103	9.0000	PC			RESISTOR;METAL;100hm;1%;0W1;SMD805	[1:01:(1.0)(R112)]	*NOT available in DP
104	17.0000	PC			RESISTOR;METAL;120ohm;1%;0W1;SMD805	[P0AAQ-15: (1.0)(R8)]	*NOT available in DP
105	64.0000	PC			RESISTOR;METAL;150ohm;1%;0W1;SMD805	[P0AAP-06: (16.0)(R378,R382,R386,R390,R394,R398,R402,R406,R408-R415)]	*NOT available in DP
106	7.0000	PC			RESISTOR;METAL;200hm;1%;0W1;SMD805	[1:01:(1.0)(R107)]	*NOT available in DP
107	7.0000	PC			RESISTOR;METAL;357ohm;1%;0W1;SMD805	[P0AAQ-15: (1.0)(R1)]	*NOT available in DP
108	3.0000	PC			RESISTOR;METAL;510hm;1%;0W1;SMD805	[1:01:(3.0)(R87,R97-R98)]	*NOT available in DP
109	1.0000	PC			RESISTOR;METAL;845ohm;1%;0W1;SMD805	[1:01:(1.0)(R85)]	*NOT available in DP
110	1.0000	PC			RESISTOR;METAL;931ohm;1%;0W1;SMD805	[1:01:(1.0)(R115)]	*NOT available in DP
111	77.0000	PC			RESISTOR;METAL;1Kohm;1%;0W1;SMD805	[1:01:(11.0)(R24,R35,R49-R50,R58,R65,R82,R89,R91,R101,R126)]	*NOT available in DP
112	2.0000	PC			RESISTOR;METAL;1Kohm10;1%;0W1;SMD805	[1:01:(2.0)(R81,R100)]	*NOT available in DP
113	1.0000	PC			RESISTOR;METAL;1Kohm8;1%;0W1;SMD805	[1:01:(1.0)(R72)]	*NOT available in DP
114	2.0000	PC			RESISTOR;METAL;2Kohm;1%;0W1;SMD805	[1:01:(2.0)(R32,R70)]	*NOT available in DP
115	7.0000	PC			RESISTOR;METAL;4Kohm7;1%;0W1;SMD805	[1:01:(7.0)(R34,R42,R51,R66,R71,R80,R131)]	*NOT available in DP
116	1.0000	PC			RESISTOR;METAL;5Kohm1;1%;0W1;SMD805	[1:01:(1.0)(R56)]	*NOT available in DP
117	1.0000	PC			RESISTOR;METAL;5Kohm6;1%;0W1;SMD805	[1:01:(1.0)(R40)]	*NOT available in DP
118	2.0000	PC			RESISTOR;METAL;8Kohm20;1%;0W1;SMD603	[P0AZP-00: (1.0)(R29)]	*NOT available in DP
119	2.0000	PC			RESISTOR;METAL;8Kohm6;1%;0W1;SMD805	[1:01:(2.0)(R113-R114)]	*NOT available in DP

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
120	8.0000	PC			RESISTOR;METAL;10Kohm;1%;0W1;SMD805	[1:01:(8.0)(R54,R60,R68-R69,R95,R129-R130,R139)]	*NOT available in DP
121	4.0000	PC			RESISTOR;METAL;22Kohm;1%;0W1;SMD805	[P0AAP-06:(1.0)(R31)]	*NOT available in DP
122	1.0000	PC			RESISTOR;METAL;24Kohm;1%;0W1;SMD805	[1:01:(1.0)(R33)]	*NOT available in DP
123	64.0000	PC			RESISTOR;METAL;47Kohm;1%;0W1;SMD805	[P0AAP-06:(16.0)(R424-R439)]	*NOT available in DP
124	1.0000	PC			RESISTOR;METAL;120Kohm;1%;0W1;SMD805	[1:01:(1.0)(R55)]	*NOT available in DP
125	1.0000	PC			RESISTOR;METAL;68Kohm;1%;0W1;SMD805	[1:01:(1.0)(R64)]	*NOT available in DP
126	8.0000	PC			RESISTOR;METAL;49ohm;9%;0WMS0;0W125;SMD603	[P0AAQ-15:(8.0)(R185-R192)]	*NOT available in DP
127	1.0000	PC			RESISTOR;CARBON;20ohm;2.5%;0W25;SMD1206	[1:01:(1.0)(R99)]	*NOT available in DP
128	2.0000	PC			RESISTOR;CARBON;100ohm;5%;0W25;SMD1206	[1:01:(2.0)(R14,R83)]	*NOT available in DP
129	1.0000	PC			RESISTOR;CARBON;1Kohm;2.5%;0W25;SMD1206	[1:01:(1.0)(R96)]	*NOT available in DP
130	2.0000	PC			RESISTOR;CARBON;65Kohm;8.5%;0W25;SMD1206	[1:01:(2.0)(R74,R109)]	*NOT available in DP
131	1.0000	PC			RESISTOR;CARBON;20Kohm;5%;0W25;SMD1206	[1:01:(1.0)(R59)]	*NOT available in DP
132	2.0000	PC			RESISTOR;CARBON;470Kohm;5%;0W25;SMD1206	[1:01:(2.0)(R19,R25)]	*NOT available in DP
133	1.0000	PC			RESISTOR;METAL;10ohm;1%;0W25;SMD1206	[1:01:(1.0)(R62)]	*NOT available in DP
134	1.0000	PC			RESISTOR;METAL;51ohm;1%;0W25;SMD1206	[1:01:(1.0)(R121)]	*NOT available in DP
135	2.0000	PC			RESISTOR;METAL;100ohm;1%;0W25;SMD1206	[1:01:(2.0)(R78,R120)]	*NOT available in DP
136	2.0000	PC			RESISTOR;METAL;200ohm;1%;0W25;SMD1206	[1:01:(2.0)(R76-R77)]	*NOT available in DP
137	4.0000	PC			RESISTOR;SMT;220ohm;1%;METAL;0W25;SMD1206	[1:01:(4.0)(R122-R125)]	*NOT available in DP
138	1.0000	PC			RESISTOR;METAL;240ohm;1%;0W25;SMD1206	[1:01:(1.0)(R105)]	*NOT available in DP
139	4.0000	PC			RESISTOR;METAL;1Kohm;1%;0W25;SMD1206	[1:01:(4.0)(R26,R102-R103,R127)]	*NOT available in DP
140	1.0000	PC			RESISTOR;SMD;METAL;2Kohm;1%;0W25;SMD1206	[1:01:(1.0)(R31)]	*NOT available in DP
141	2.0000	PC			RESISTOR;METAL;3Kohm;1%;0W25;SMD1206	[1:01:(2.0)(R1-R2)]	*NOT available in DP
142	6.0000	PC			RESISTOR;METAL;4.7kohm;0.25 W;1%;SMD1206	[1:01:(6.0)(R104,R106,R117,R119,R136-R137)]	*NOT available in DP
143	4.0000	PC			RESISTOR;METAL;10Kohm;1%;0W25;SMD1206	[1:01:(4.0)(R45,R47,R53,R118)]	*NOT available in DP
144	3.0000	PC			RESISTOR;METAL;332Kohm;1%;0W25;SMD1206	[1:01:(3.0)(R36-R38)]	*NOT available in DP
145	6.0000	PC			RESISTOR;SMT;470Kohm;5%;METAL;0W25;SMD1206	[1:01:(6.0)(R15-R18,R20-R21)]	*NOT available in DP
146	3.0000	PC			RESISTOR;THICK FILM;22ohm;5%;0W25;SMD1206	[1:01:(3.0)(R44,R46,R63)]	*NOT available in DP
147	2.0000	PC			RESISTOR;THICK FILM;43ohm;0W25%;SMD1206	[1:01:(2.0)(R138,R140)]	*NOT available in DP
148	3.0000	PC			RESISTOR;CARBON;1Kohm;5%;0W0625;SMD402	[P0AAQ-16:(3.0)(R44,R77-R78)]	*NOT available in DP
149	1.0000	PC			RESISTOR;CARBON;2Kohm;5%;0W0625;SMD402	[P0AAQ-16:(1.0)(R74)]	*NOT available in DP
150	30.0000	PC			RESISTOR;THICK FILM;10Kohm;5%;0W0625;SMD402	[P0AAQ-16:(30.0)(R1-R9,R20-R22,R24-R29,R31-R32,R33,R42-R43,R46,A51,R61,R67,R75,R79,R82)]	*NOT available in DP
151	1.0000	PC			RESISTOR;THICK FILM;150Ohm;0W0625;1%;SMD402	[P0AAQ-16:(1.0)(R62)]	*NOT available in DP
152	3.0000	PC			RESISTOR;METAL;1Kohm;0.5%;METAL;0W0625;SMD402	[P0AAQ-16:(3.0)(R55,R57,R81)]	*NOT available in DP
153	2.0000	PC			RESISTOR;THICK FILM;33ohm;1%;PPM100;0W0625;SMD402	[P0AAQ-16:(2.0)(R84-R85)]	*NOT available in DP
154	3.0000	PC			RESISTOR;METAL;PPM100;100ohm;0W0625;1%;SMD402	[P0AAQ-16:(3.0)(R2-R73,R83)]	*NOT available in DP
155	1.0000	PC			RESISTOR;METAL;1Mohm;1%;PPM100;0W0625;SMD402	[P0AAQ-16:(1.0)(R80)]	*NOT available in DP
156	1.0000	PC	Y04-05000-05423	I04-05000-05423	THERMISTOR;NTC;5ohm;+/-20%;6A;DIA;15mm;PITCH?mm5;(THINKING SCK15056MSY)	[1:01:(1.0)(R3)]	
157	1.0000	PC		I04-23301-01841	THERMISTOR;PTC;330ohms;2Kohm;20%;DIA;W LUG;(THINKING PTMS2331RPA430Y)	[1:01:(1.0)(R10)]	
158	1.0000	PC			RESISTOR;CARBON;100ohm;5%;1W;LEAD WIRE;HORIZONTAL 52-6mm	[1:01:(1.0)(R141)]	*NOT available in DP
159	1.0000	PC			RESISTOR;METAL;220 kohm;3W;5 %;TYPE;METAL OXIDE FILM	[1:01:(1.0)(R4)]	*NOT available in DP
160	2.0000	PC			RESISTOR;METAL;56Kohm;81%;1%;0W25;LEAD WIRE	[P0B15-11:(2.0)(R43,R45)]	*NOT available in DP
161	1.0000	PC			RESISTOR;CARBON;33ohm;5%;1W;LEAD WIRE	[1:01:(1.0)(R43)]	*NOT available in DP
162	2.0000	PC			RESISTOR;CARBON;220ohm;5%;1W;LEAD WIRE	[1:01:(2.0)(R8-R9)]	*NOT available in DP
163	1.0000	PC			RESISTOR;CARBON;100ohm;5%;2W;LEAD WIRE	[1:01:(1.0)(R7)]	*NOT available in DP
164	1.0000	PC			RESISTOR;CARBON;330ohm;5%;2W;LEAD WIRE	[1:01:(1.0)(R75)]	*NOT available in DP

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
165	2.0000	PC			RESISTOR;CARBON;4Kohm;7%;2W;LEAD WIRE;F-TYPE	[1:01:(2.0)(R12-R13)]	*NOT available in DP
166	1.0000	PC			RESISTOR;LEAD WIRE;0ohm10;1%;METAL;2W;F-TYPE	[1:01:(1.0)(R6)]	*NOT available in DP
167	1.0000	PC			RESISTOR;METAL;0ohm2;1%;2W;LEAD WIRE	[1:01:(1.0)(R5)]	*NOT available in DP
168	1.0000	PC			RESISTOR;LEAD WIRE;AXIAL;2Kohm;5%;METAL OXIDE;2W	[1:01:(1.0)(R11)]	*NOT available in DP

**Fader**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	25.0000	PC	Y00-00000-19575	I00-00000-19575	FADER;10 kohm;8:20 %;MONO	[P0B15:06:(8.0)(VR1-VR8)]	
2	25.0000	PC	Y00-00000-37172	I00-00000-37172	FADER;10 kohm;0W5;8:10 %;MONO;FORCE:10gf;CARB;3.75 MM;TRAVEL:100;EVERBEST;C0022N-A1-13H-B10K-B-L038		

**Potentiometer**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	2.0000	PC		I03-00000-67018	POTENTIOMETER;50 kohm;0.050W;A:20 %;STEREO;SHAFT:30MM;0CC;HIGH TORQUE;NOBLE	[P0B15:11:(2.0)(VR1,VR3)]	
2	1.0000	PC		I03-00000-67019	POTENTIOMETER;50 kohm;0.050W;C:20 %;STEREO;SHAFT:30MM;0CC;HIGH TORQUE;NOBLE	[P0B15:11:(1.0)(VR2)]	

**Encoder**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	17.0000	PC	Y32-00000-18946	I32-00000-18946	ENCODER;2.5 MM;SHT:25x24PL;0CC;ENDLESS;30-80gf;TRANSPARENT SHAFT	[P0B15:13:(4.0)(SW13-SW16)]	
2	6.0000	PC	Y32-00000-19166	I32-00000-19166	ENCODER;24PL;SWITCH;30-80gf;24CC;ENDLESS;SHT:25mm3	[P0B15:09:(6.0)(SW2-SW7)]	

**Switch**

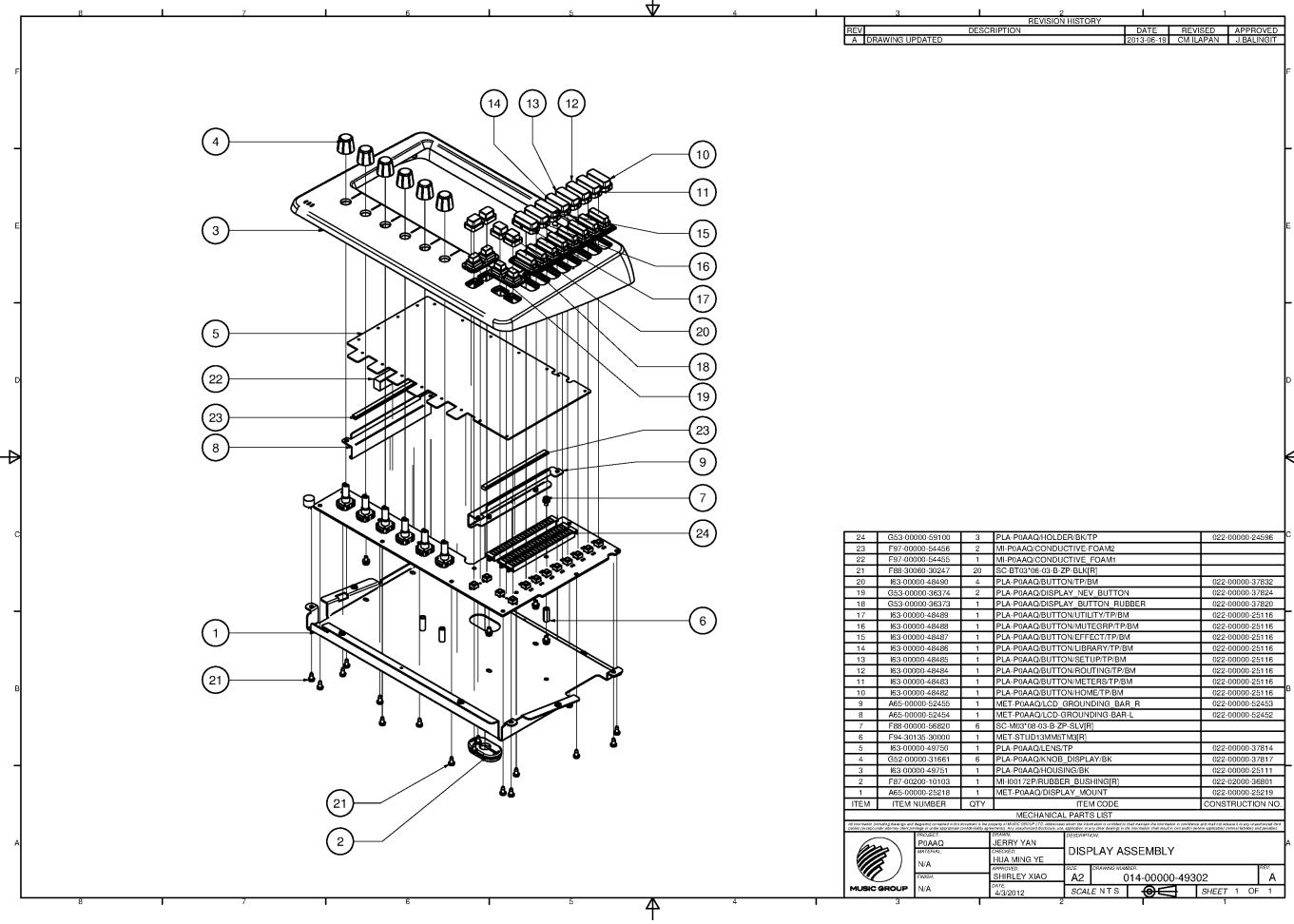
	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	2.0000	PC	Y87-00000-39582	I87-00000-39582	SWITCH;TACTILE;1;NONLOCK;4;VERTICAL;HANDLE:5	[P0AAQ:15:(2.0)(SW1-SW2)]	

**Transistor**

	<b>Quantity</b>	<b>Unit</b>	<b>S.Sku</b>	<b>M.Sku</b>	<b>Description</b>	<b>Reference Designators</b>	<b>Notes</b>
1	64.0000	PC			TRANSISTOR;3:SOT-23:2SC2713BL;SMD	[P0AAP-06: (16.0)(T17-T32)]	*NOT available in DP
2	2.0000	PC			TRANSISTOR;SMD;3:PNP:DZTS401-13:1W;SOT-223	[1:01: (2.0)(T7,T10)]	*NOT available in DP
3	1.0000	PC			TRANSISTOR;MOSFET;20N60;TO220F	[1:01: (1.0)(T3)]	*NOT available in DP
4	2.0000	PC			TRANSISTOR;MOSFET;QPF13N50C;TO220F	[1:01: (2.0)(T1-T2)]	*NOT available in DP
5	36.0000	PC			TRANSISTOR;MBTA06;SOT	[P0AAP-06: (8.0)(T2,T4,T6,T8,T10,T12,T14,T16)]	*NOT available in DP
6	39.0000	PC			TRANSISTOR;MBTA56;SOT	[P0AAP-06: (8.0)(T1,T3,T5,T7,T9,T11,T13,T15)]	*NOT available in DP
7	2.0000	PC			TRANSISTOR;MBTA92;SOT	[1:01: (2.0)(T8-T9)]	*NOT available in DP
8	8.0000	PC			TRANSISTOR;MBT3904LT1;SOT23;SMD	[1:01: (6.0)(T4,T12-T16)]	*NOT available in DP
9	3.0000	PC			TRANSISTOR;MBT3906S;SOT23;SMD	[1:01: (3.0)(T5-T6,T11)]	*NOT available in DP
10	50.0000	PC			TRANSISTOR;BC327-25;TO92;PITCH:2.54;TAPE	[P0B15:6: (16.0)(T1-T7,T15,T24-T30,T32)]	*NOT available in DP
11	50.0000	PC			TRANSISTOR;BC337-25;TO92;P:2.54(BENT LEAD;TAPE and REEL);FAIRCHILD	[P0B15:6: (16.0)(T8-T14,T16-T23,T31)]	*NOT available in DP
12	36.0000	PC			TRANSISTOR;SST113;SOT	[P0AAQ:20: (16.0)(T3-T18)]	*NOT available in DP

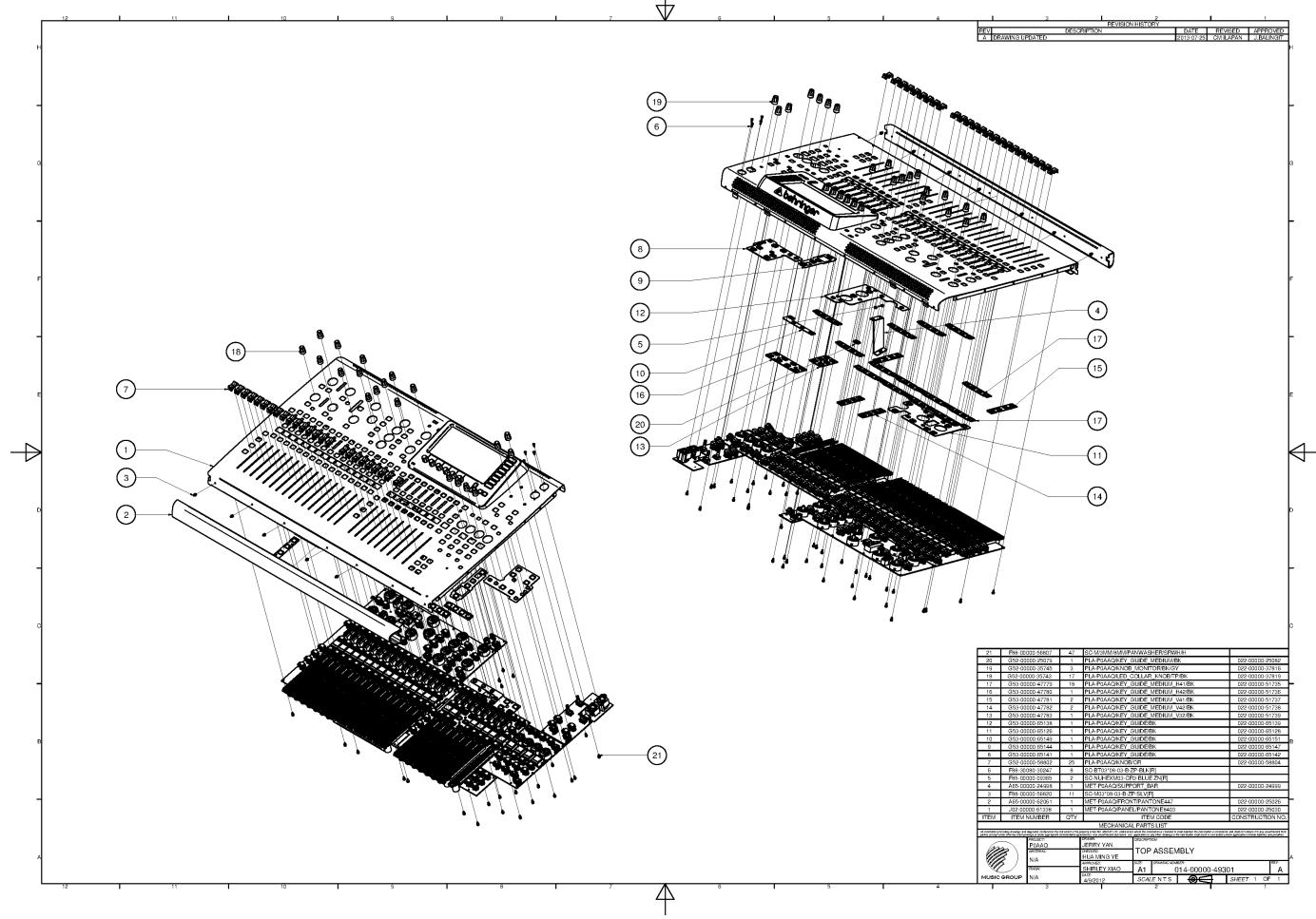
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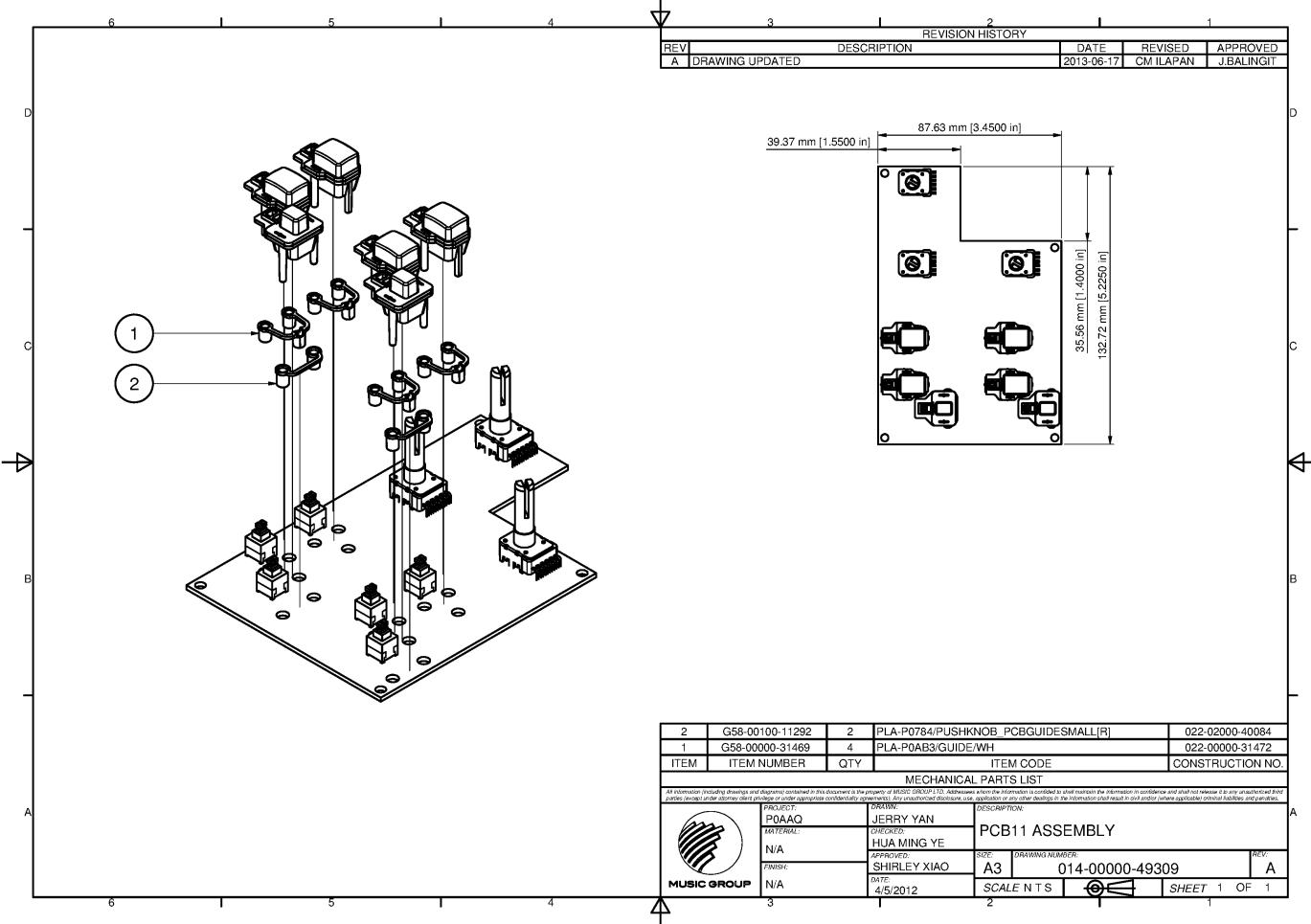
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**Exploded Drawing**



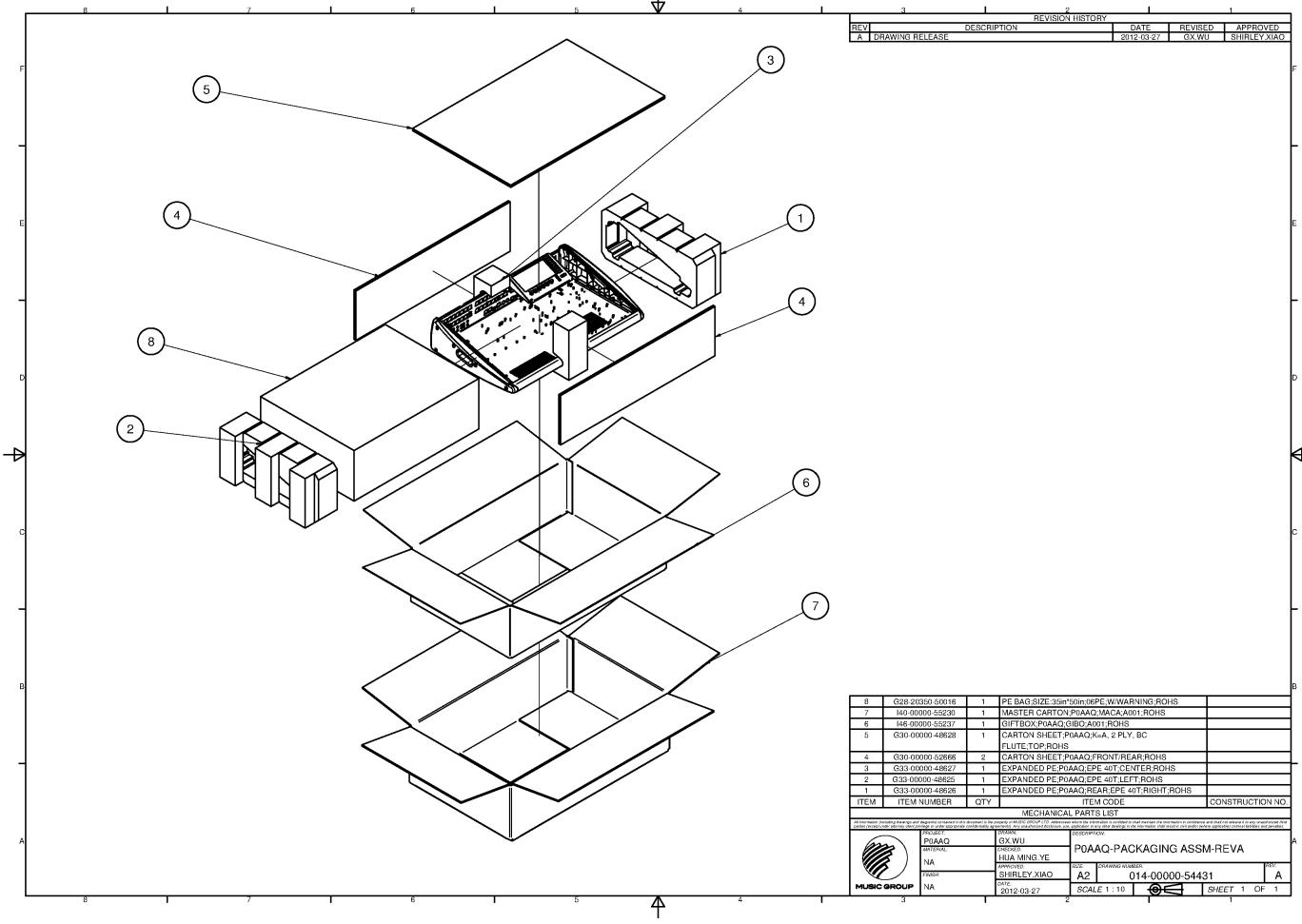
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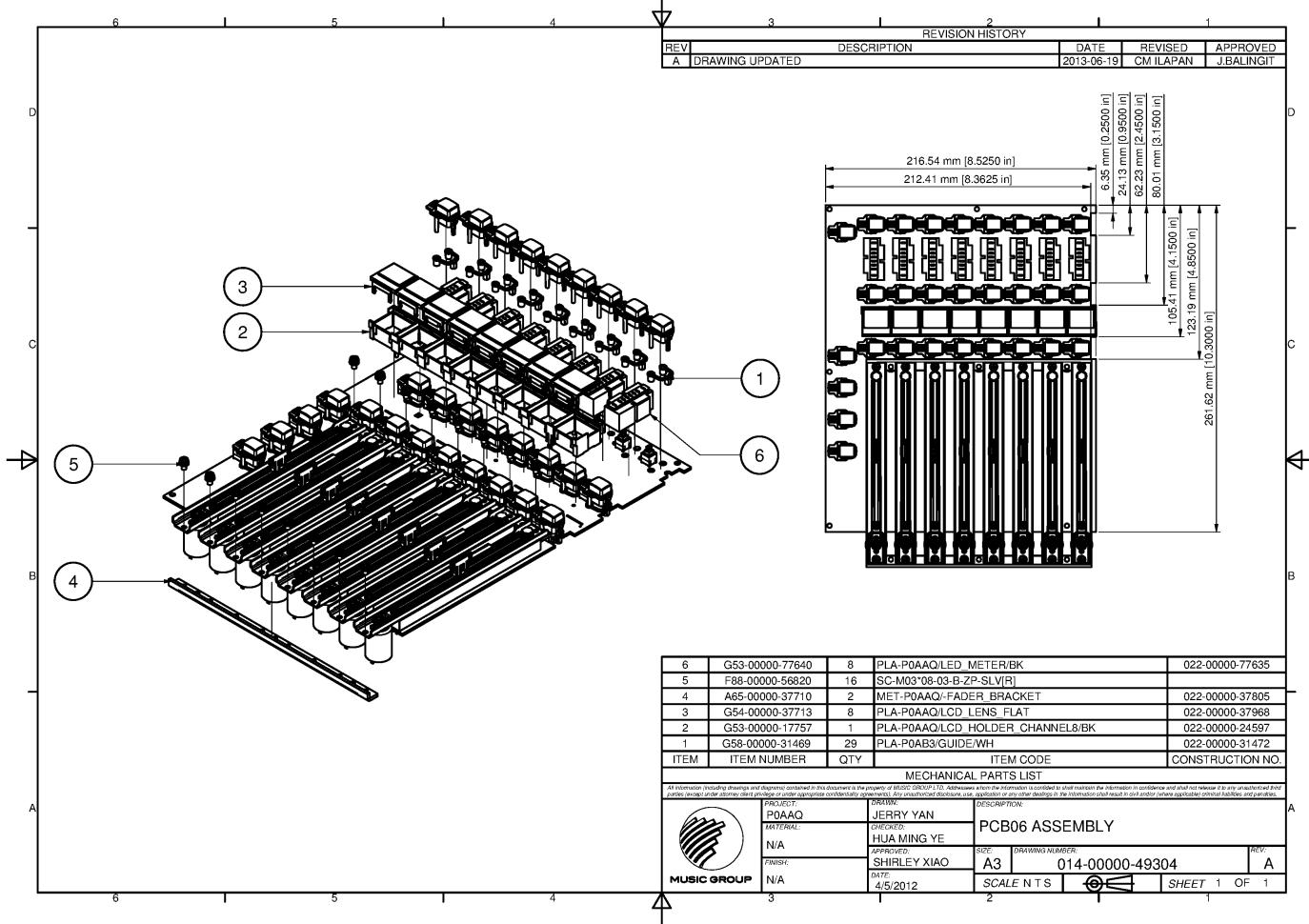
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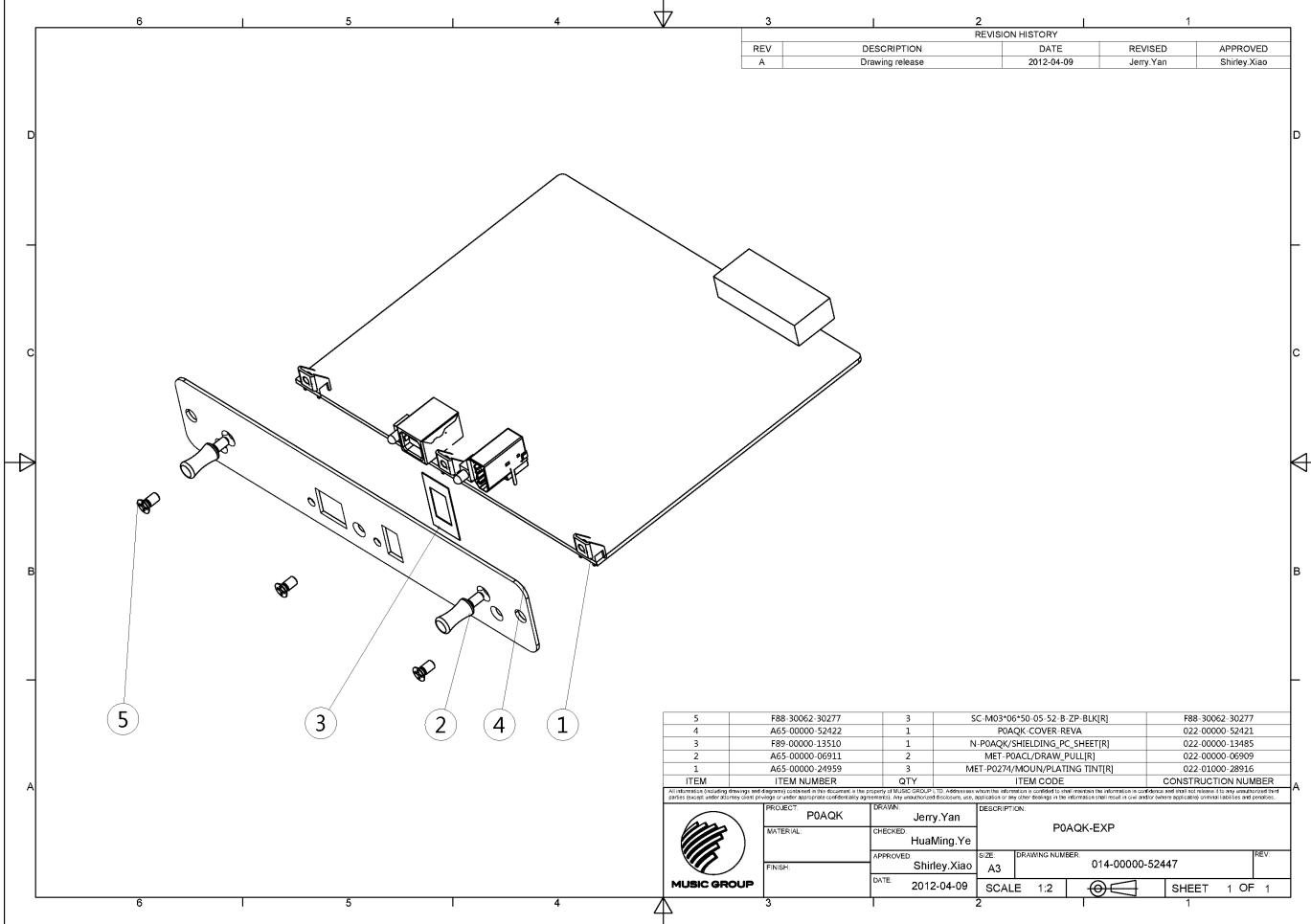
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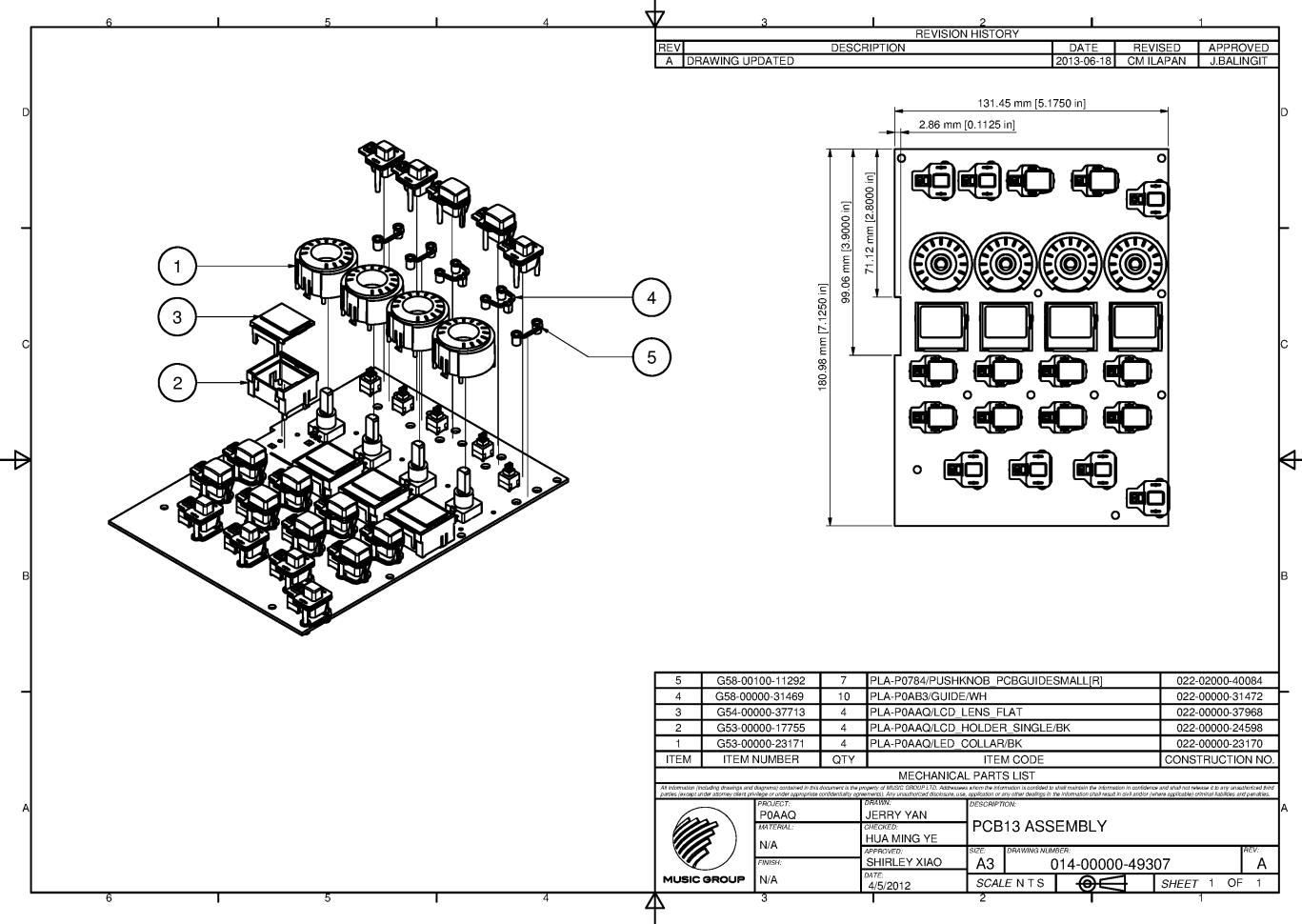
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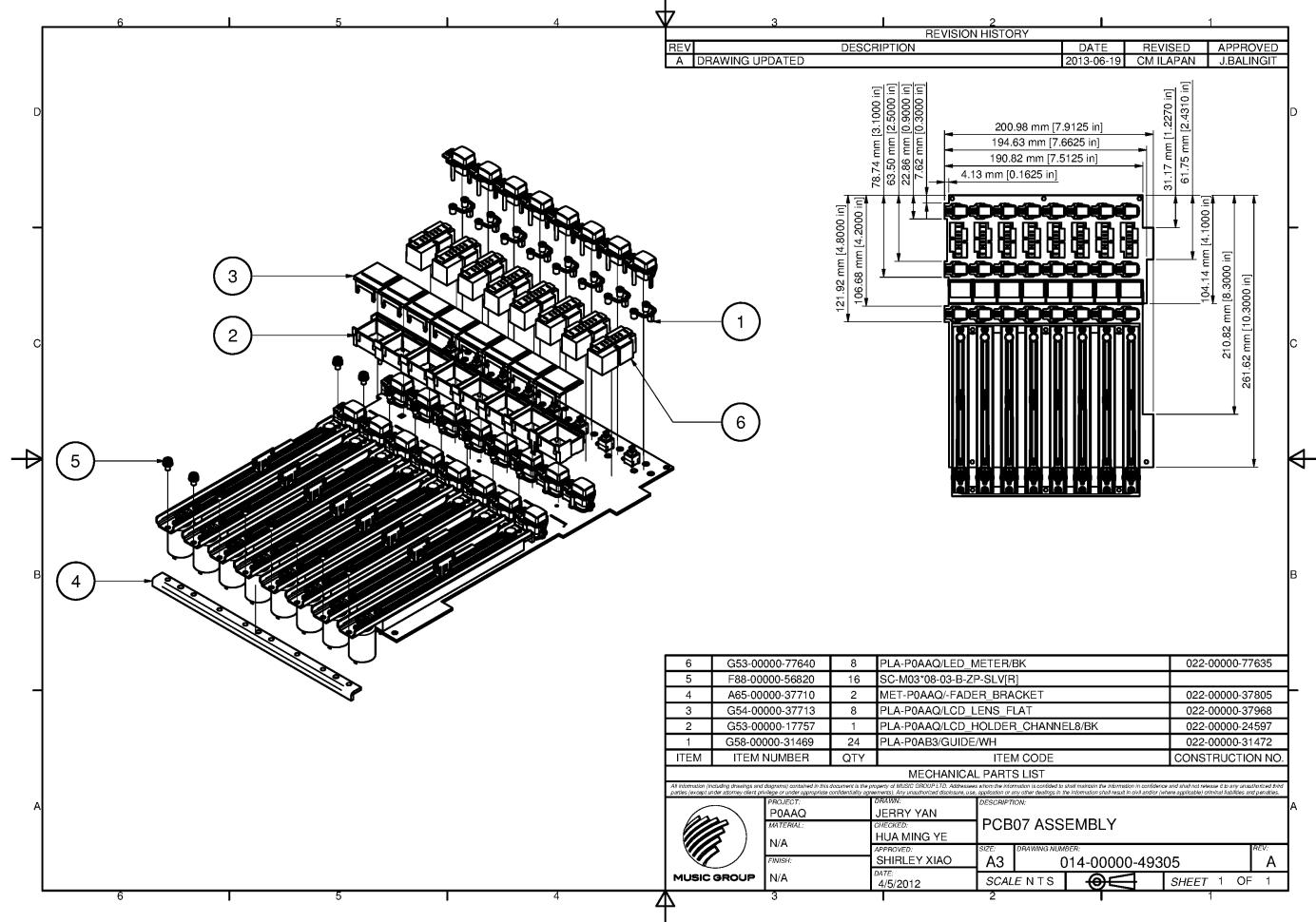
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## Exploded Drawing



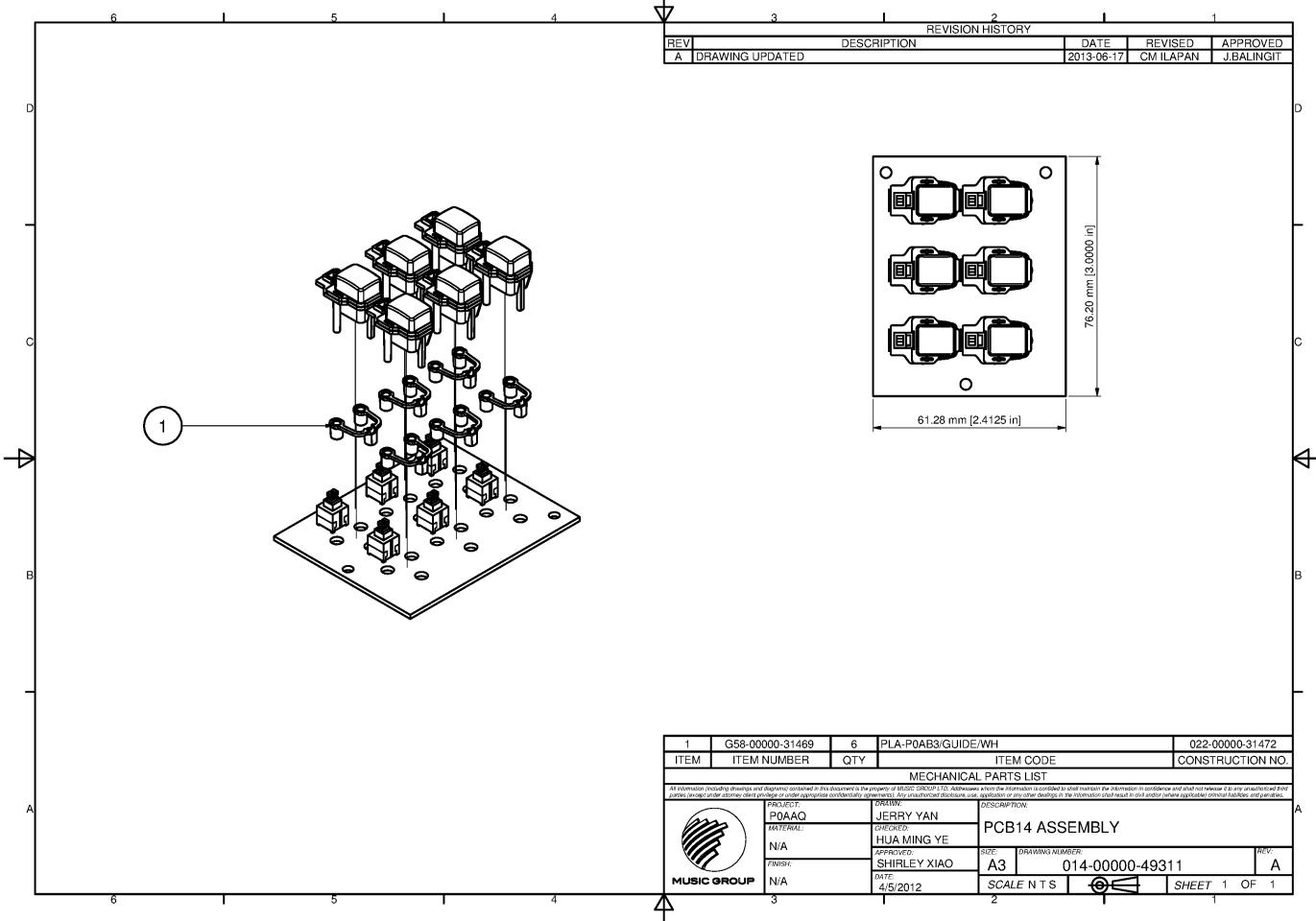
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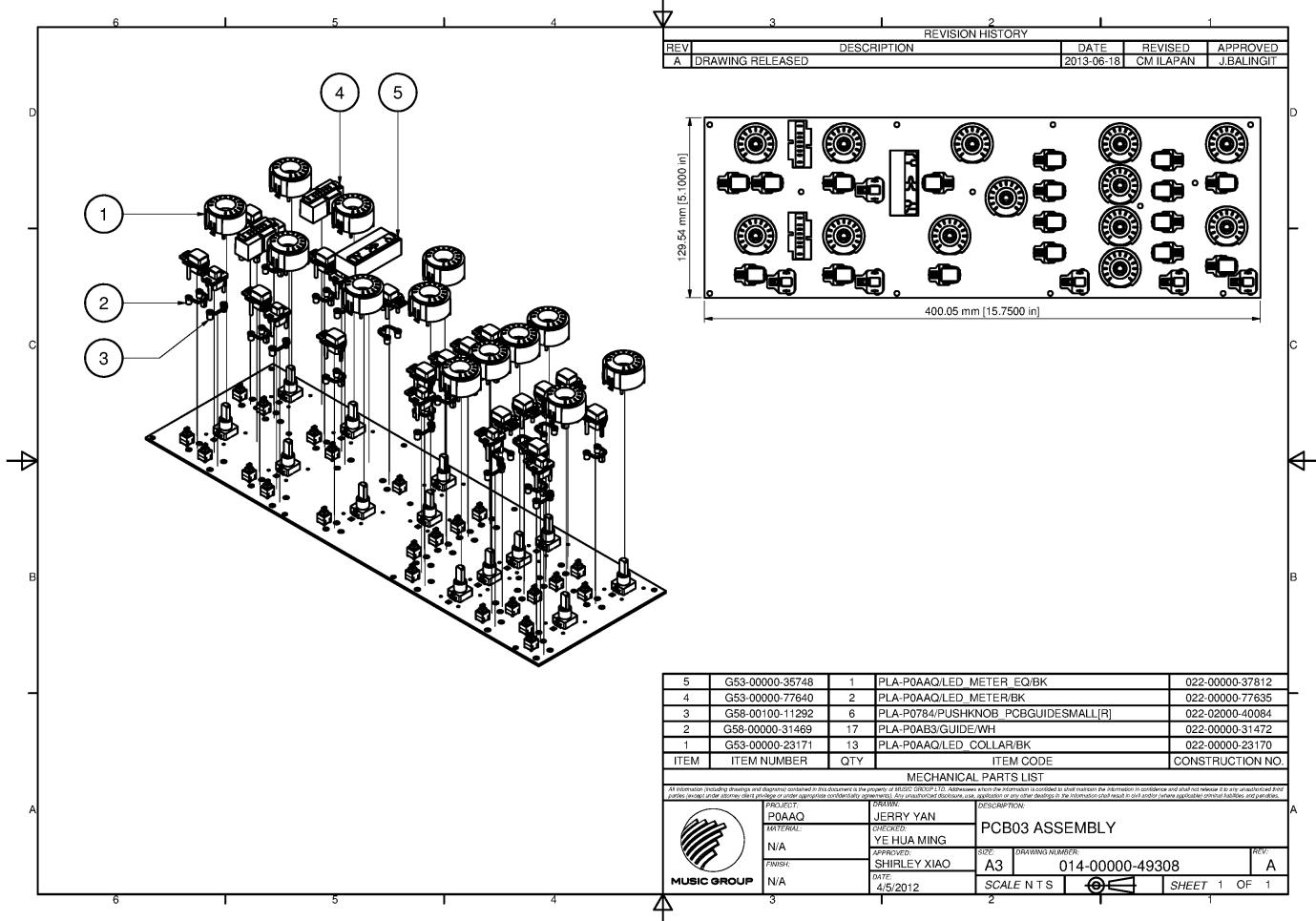
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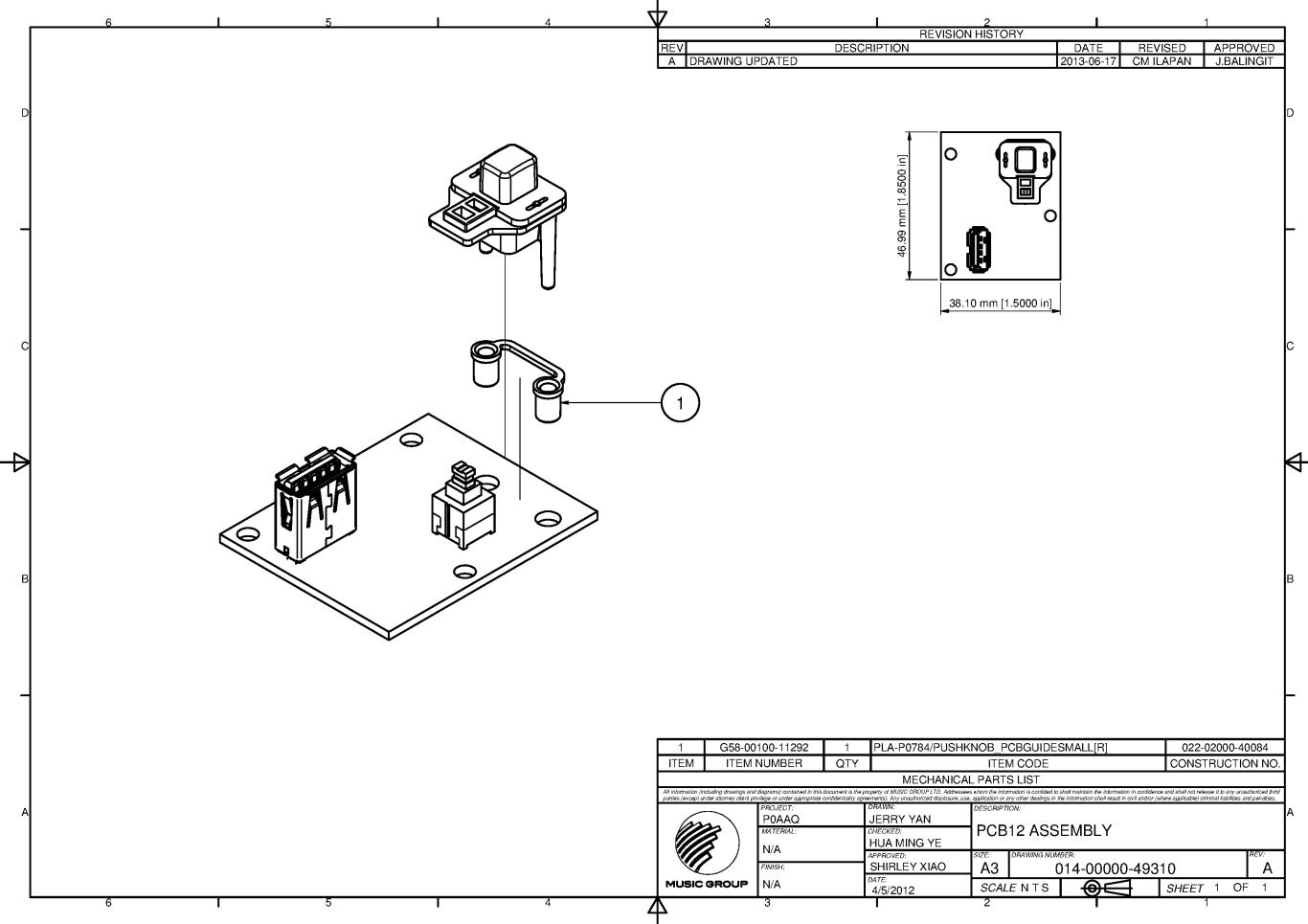
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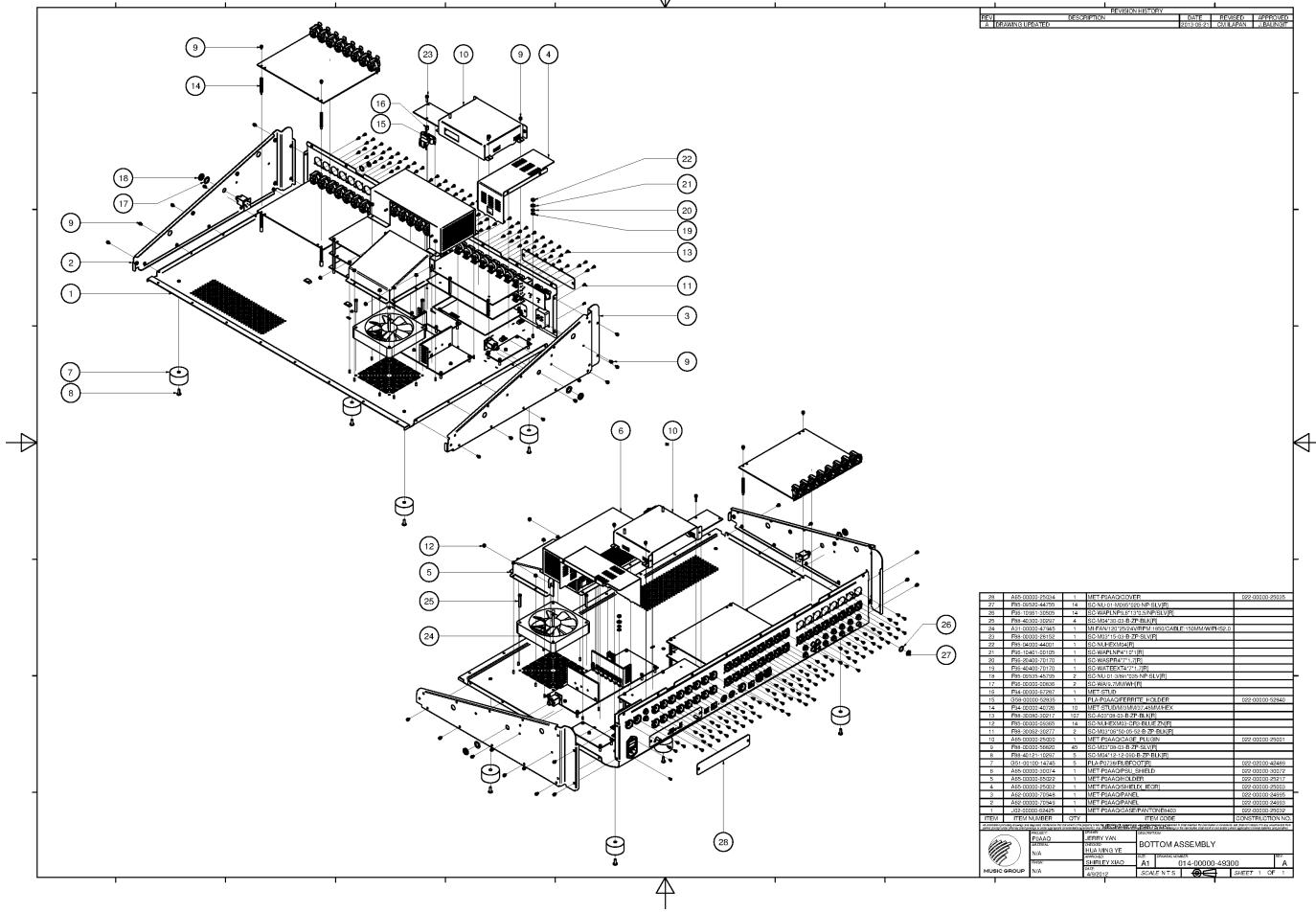
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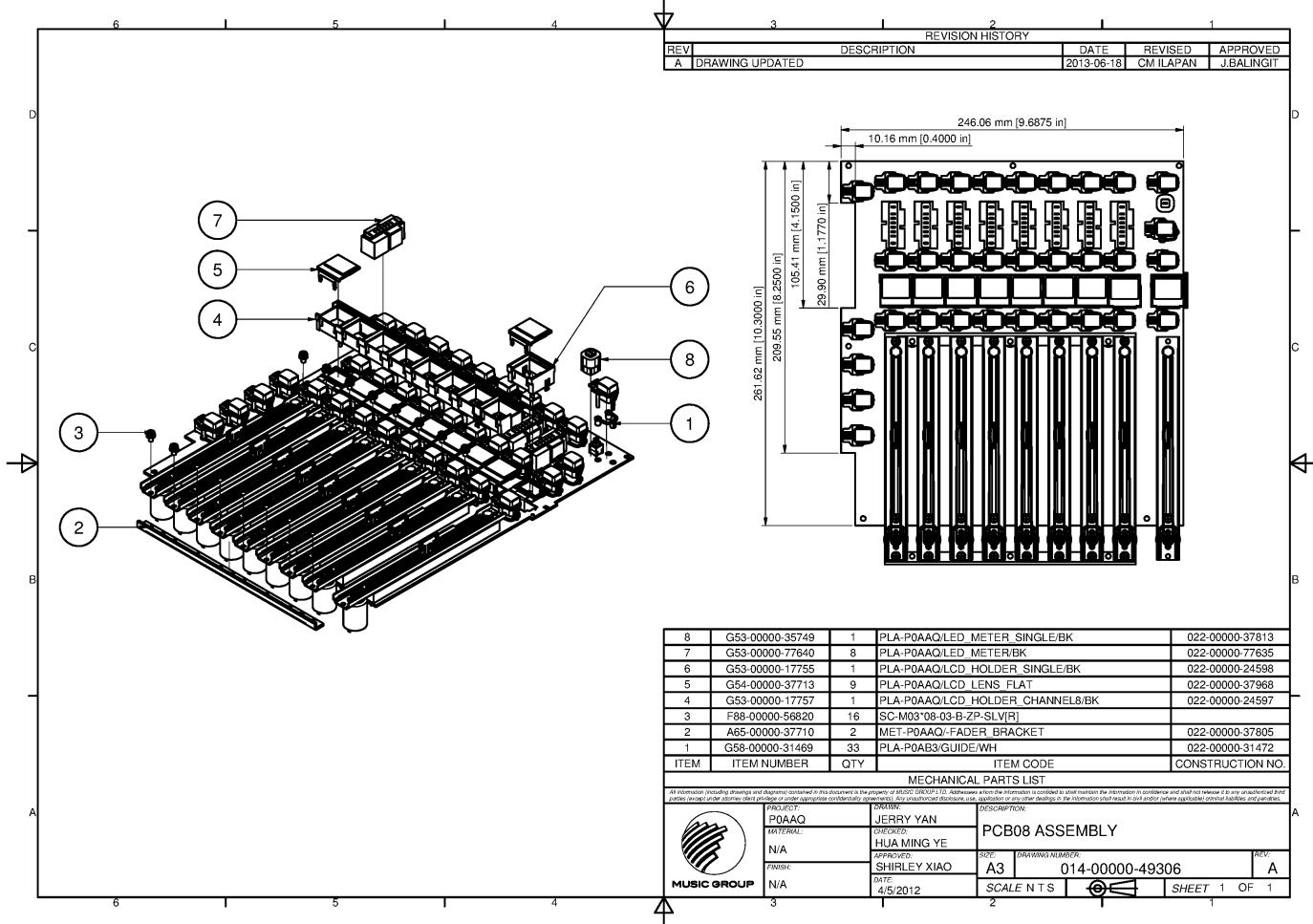
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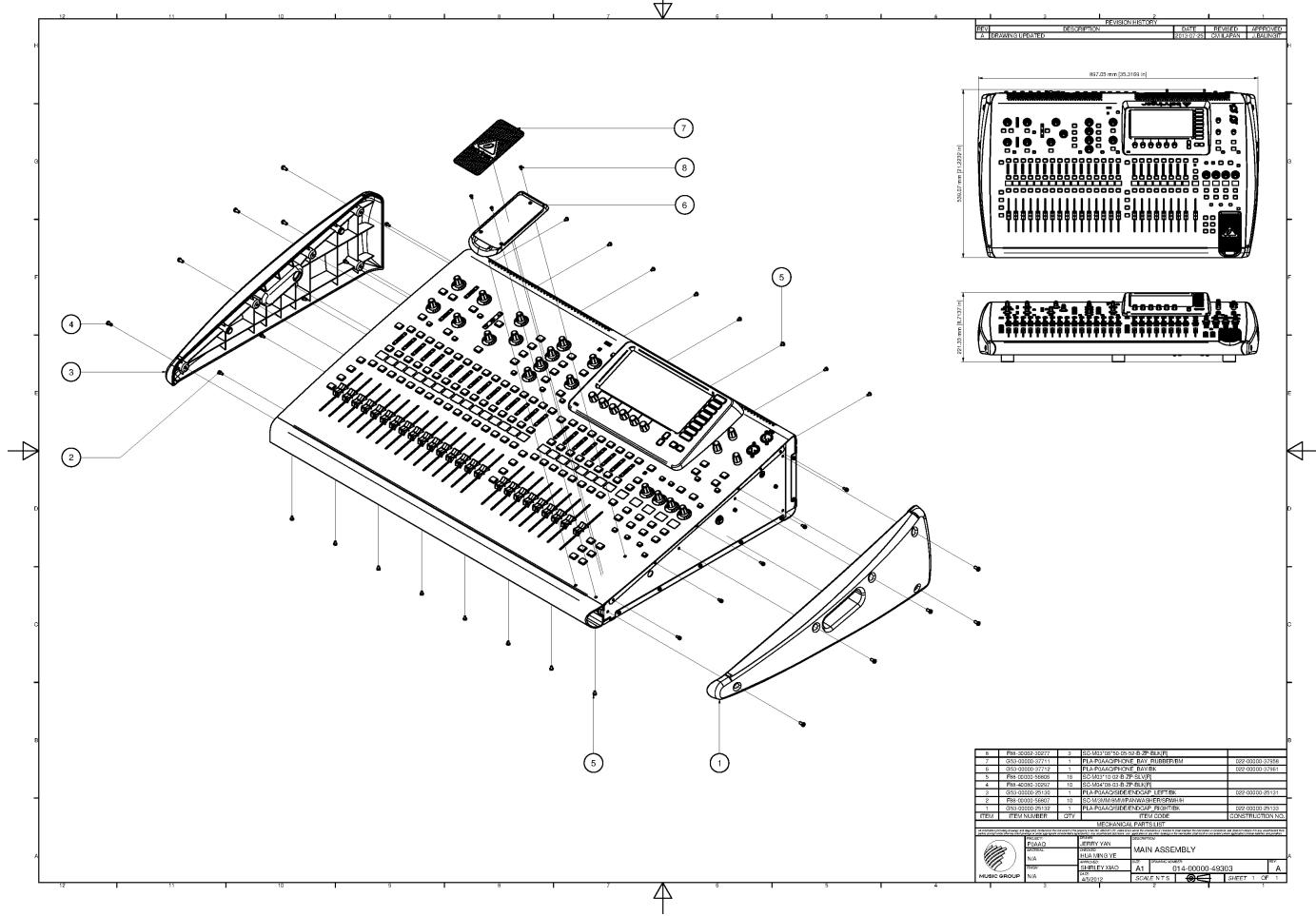
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## Exploded Drawing



X32

Exploded Drawing





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