

Alchemist 112/212/HD

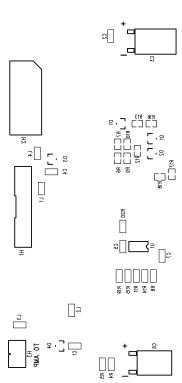
Alchemist Service Manual



SILKSCREEN BOTTOM

COMPANY:			y
		9	>
PROGRAM: P	PROGRAM: PADS POWER PCB 2004	SB 2004	
FILE: A16 #	FILE: A16 AV UI REV C.PCB		
SCALE: 1:1 REV: C	REV: C	DATE: 06/17/08	
TITLE:	A16: AV U	J 35-00-027	7 (

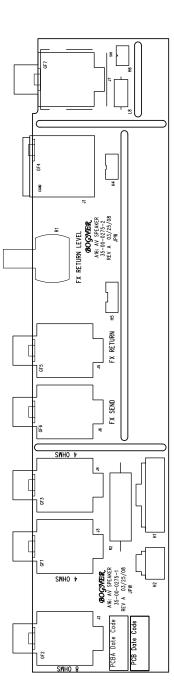












SILKSCREEN TOP

<u>ප</u>	COMPANY:			FINE 6	9
<u> </u>	ROGRAM: PA	PROGRAM: PADS POWER PCB 2004	3 2004		
Ē	LE: A16 AV	/ Speaker-XLR-F)	FILE: A16 AV Speaker-XLR-FX-Guitar REV A.PCB		
Š	SCALE: 1:1 REV: A		DATE: 03/25/08		
 =	TITLE: A	16 AV Speaker	A16 AV Speaker-XLR-FX-Guitar REV X1.PCB	REV X1.P	CB
		75_00	35-00-0275-12 3	2	





LS L7

i ii

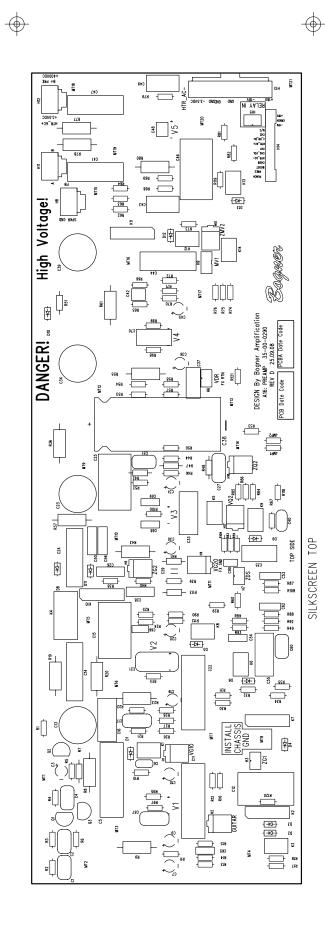
□ □ c3

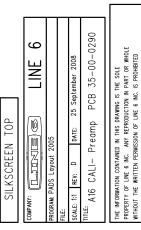
Ľ]

□ □ c2

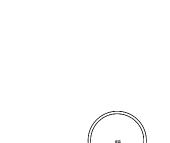
SILKSCREEN BOTTOM

COMPANY:			LINE	9
PROGRAM: PA	PROGRAM: PADS POWER PCB 2004	B 2004		
FILE: A16 A1	/ Speaker-XLR-F	FILE: A16 AV Speaker-XLR-FX-Guitar REV A.PCB		
SCALE: 1:1 REV: A		DATE: 03/25/08		
TITLE: A	16 AV Speake	A16 AV Speaker-XLR-FX-Guitar REV X1.PCB	X1.PC	В
	35-00	35-00-0275-1,2,3		































SILKSCREEN BOTTOM

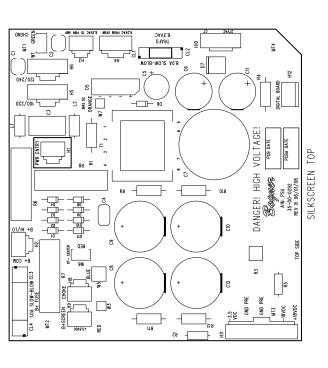
SILKSCREEN BOTTOM

9 JNI © TIME 9	PROGRAM: PADS Layout 2005		SCALE: 1:1 REV: D DATE: 25 September 2008	A16 CALL Pregmp PCB 35-00-0290
	PADS Layo		REV: D	16 CALL
COMPANY:	PROGRAM:	FILE:	SCALE: 1:1	TITLE: A.





\rightarrow



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LINE 6 INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LINE 6 INC. IS PROHBITED

 \bigoplus

SILKSCREEN BOTTOM

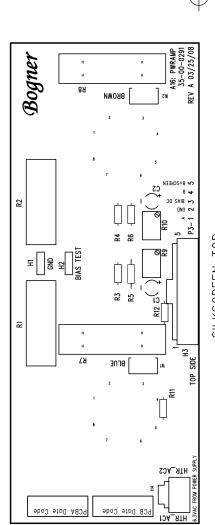
\rightarrow

THE MUCRALATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIKE 6 INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LINE 6 INC. IS PROHBIED

\rightarrow

 \bigoplus





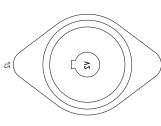
SILKSCREEN TOP

SILKSCREEN TOP

COMPANY:			FINE 6
PROGRAM: PA	PROGRAM: PADS Layout 2005	05	
FILE: A16	A16 CALI- Pwramp PCB 35-00-0291	PCB 35-00-0291	
SCALE: 1:1 REV:	REV: A	DATE: 03/25/08	80/
тпс: А16	A16 CALI- Pwramp		PCB 35-00-0291

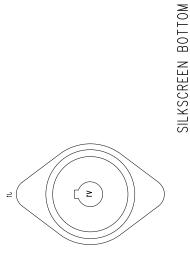






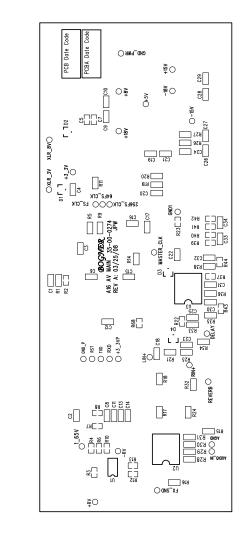
SILKSCREEN BOTTOM









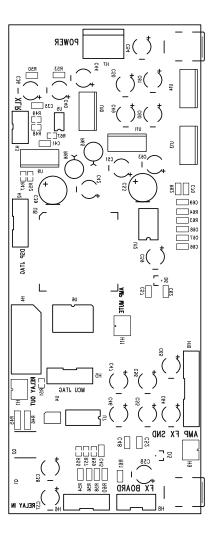


SILKSCREEN TOP

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LINE 6 INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LINE 6 INC. IS PROHIBITED

| LINE 6 Inc. | PROGRAM: PADS POWER PCB 2004 | FILE: A16 AV Main Rev A.PCB | Scale: 1:1 | Rev: A | Date: 03/25/08 | A16: AV MAIN | A16: AV MAIN | PART NO # 35-00-0274



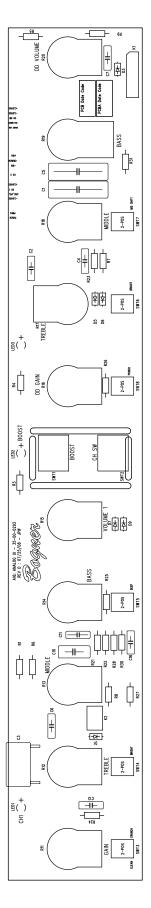


SILKSCREEN BOTTOM

			I		I
Ū		INE 6 Inc.	9	lnc.	
PROGRAM: P,	PROGRAM: PADS POWER PCB 2004	:B 2004			
FILE: A16 /	FILE: A16 AV Main Rev A.PCB	/ A.PCB			
SCALE: 1:1 REV: A		DATE: 03/25/08			
TITLE:	A16: PART NO	A16: AV MAIN PART NO # 35-00-0274			



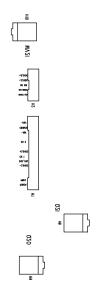




SILKSCREEN TOP

COMPANY:		_	FINE 6	9
PROGRAM: P,	PROGRAM: PADS POWER PCB 2004	B 2004		
FILE: A16 A	FILE: A16 AV ANALOG UI REV D.PCB	D.PCB		
SCALE: 1:1 REV: C		DATE: 07/25/08		
TITLE:	A16:	A16: AV ANALOG UI	IN	
	12	35-00-0393		















COMPANY:		FINE 6
PROGRAM: P/	PROGRAM: PADS POWER PCB 2004	B 2004
FILE: A16 A	FILE: A16 AV ANALOG UI REV D.PCB	D.PCB
SCALE: 1:1	REV: C	DATE: 07/25/08
TITLE:	A16:	A16: AV ANALOG UI
	35	35-00-0293



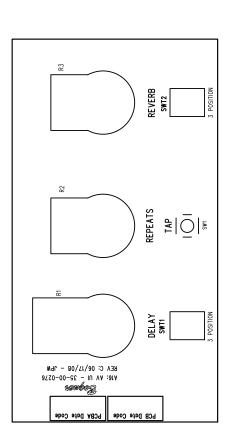


9

PROGRAM: PADS POWER PCB 2004 FILE: A16 AV UI REV C.PCB SCALE: 1:1 REV. C DATE: 06/17/08

TITLE: A16: AV UI 35-00-0276

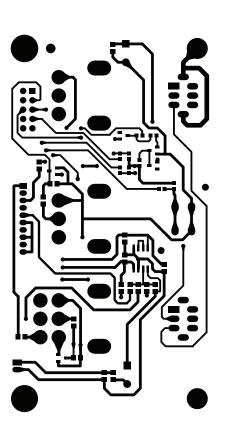








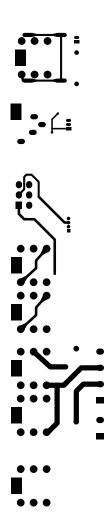




ARTWORK BOTTOM

-INE 6				0-0276
	B 2004		DATE: 06/17/08	1 35-00-
	PROGRAM: PADS POWER PCB 2004	FILE: A16 AV UI REV C.PCB		A16: AV UI
COMPANY:	PROGRAM: PA	FILE: A16 A	SCALE: 1:1 REV: C	TITLE:





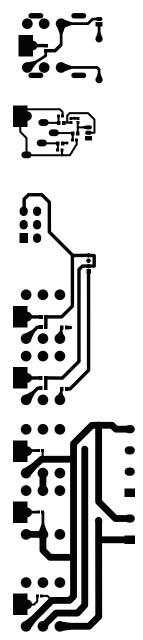


COMPANY:		_	LINE 6	9
PROGRAM: P.	PROGRAM: PADS POWER PCB 2004	3 2004		
FILE: A16 A	V Speaker-XLR-F)	FILE: A16 AV Speaker-XLR-FX-Guitar REV A.PCB		
SCALE: 1:1 REV: A		DATE: 03/25/08		
TITLE: /	116 AV Speaker	A16 AV Speaker-XLR-FX-Guitar REV X1.PCB	REV X1.P	38
	35-00	35-00-0275-123	~	

DOULOUZ/DOL,Z,D

THE MEGRATION CONTARGEN IN HIS DARMING S THE SOLE
PROPERTY OF LINE 6 NO. ANY REPRODUCTION W PART OF WHOLE
WITHOUT HE WRITEN PERMISSION OF LINE 6 NO. IS PROMBITED

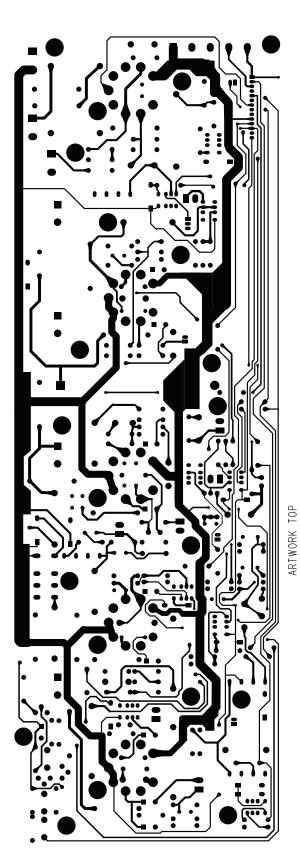




ARTWORK BOTTOM

COMPANT		ES LINE 6
PROGRAM: PA	PROGRAM: PADS POWER PCB 2004	B 2004
FILE: A16 A1	V Speaker-XLR-F	FILE: A16 AV Speaker-XLR-FX-Guitar REV A.PCB
SCALE: 1:1 REV: A		DATE: 03/25/08
TITLE: A	16 AV Speake	A16 AV Speaker-XLR-FX-Guitar REV X1.PCB
	35-00	35-00-0275-1,2,3

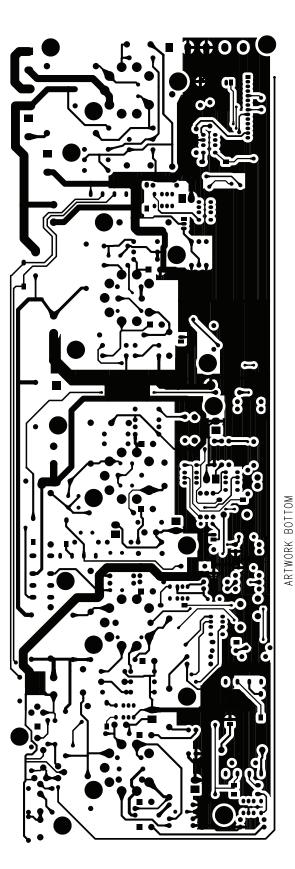




ARTWORK TOP

COMPANY:			洛						밎	FINE 6	
PROGRAM: PADS Layout 2005	ЬА	DS Lo	yout	20	05						
FILE:											
SCALE: 1:1 REV:	1	REV:	D		DATE:	25	Septe	25 September 2008	200	8	
тпе: А	16	CAI	1 ±	Pr	A16 CALI- Preamp		CB	PCB 35-00-0290	-00	-02	06



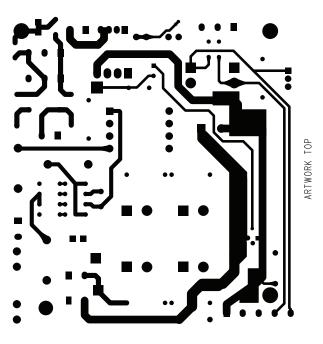


ARTWORK BOTTOM

COUPANY: LESTRIES S LINE 6 PROSTAM: PADS Layout 2005 FILE SCALL: I1 REV: D DATE: 25 September 2008 TITLE: A16 CALI- Preamp PCB 35-00-0290												
%	COMPANY:					0			\equiv	=		9
55	PROGRAM:	ΡĀ	DS La	yout	200	2						
52	FILE:											
	SCALE: 1:		REV:	D	Ħ	DATE:	25	Sept	ember	. 20	80	
	тпе: А	16	CAL		Pre	dwpa		CB	35-	0-)-(1290



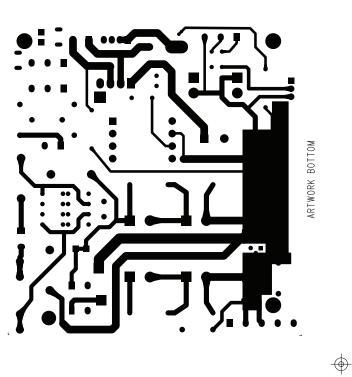
 \bigoplus



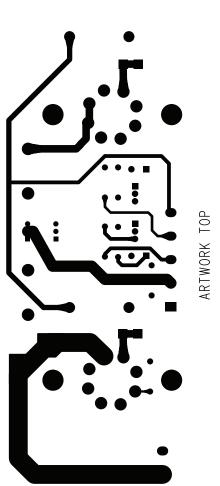
\rightarrow



\rightarrow



	넻				-0292
ARTWORK BOTTOM	COWPANY: [LIKN] @ []	PROGRAM: PADS Layout 2005	FILE:	SCALE: 1:1 REV: B DATE: 06/01/08	ппе: A16 CALI- PSU PCB 35-00-0292



ARTWORK TOP

COMPANY:						LINE	9
PROGRAM: PADS Layout 2005	ΡA	DS La	yout 20	05			
FILE: A	A 16	CALI-	Pwramp	A16 CALI- Pwramp PCB 35-00-0291	0-0291		
SCALE: 1:1 REV:		REV:	А	DATE:	DATE: 03/25/08	8	
тте: А1	16	CAL	_l- Pv	A16 CALI— Pwramp	PCB	PCB 35-00-0291	-0291



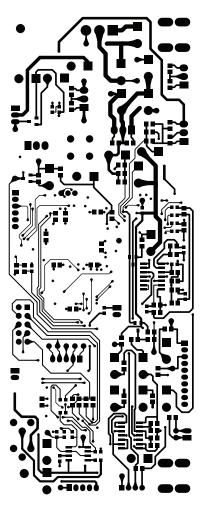




COMPANY:							FINE 6	9	
PROGRAM: PADS Layout 2005	PA	DS Fo	yout	20	05				
FILE: A	19	CALI-	Pwran	٩	A16 CALI- Pwramp PCB 35-00-0291	10-0291			
SCALE: 1:1 REV:		REV:	A		DATE:	DATE: 03/25/08	8		
тте: А1	9	CAI		کھا	A16 CALI— Pwramp		PCB 35-00-0291	-0291	





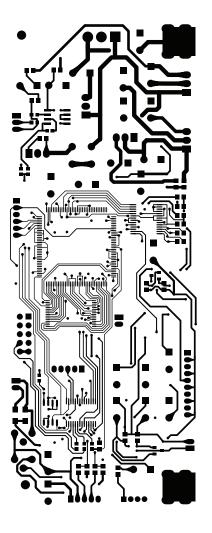


ARTWORK TOP

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LINE 6 INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LINE 6 INC. IS PROHIBITED

PROGRAM: PADS POWER PCB 2004 FILE: A16 AV Main Rev A.PCB SCALE: 1:1 REV: A DATE: 03/25/08 TITLE: A16: AV MAIN TITLE: PART NO # 35-00-0274



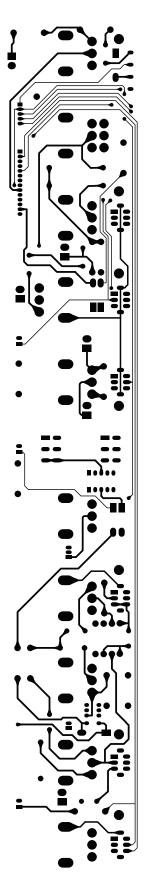


ARTWORK BOTTOM

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LINE 6 INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LINE 6 INC. IS PROHIBITED

PROGRAM: PADS POWER PCB 2004 FILE: A16 AV Main Rev A.PCB SCALE: 1:1 Rev: A DATE: 03/25/08 TITLE: A16: AV MAIN TITLE: PART NO # 35-00-0274

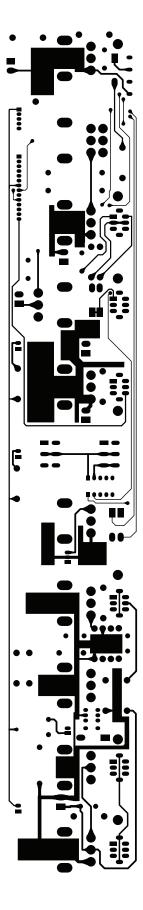




ARTWORK TOP

COMPANY:		FINE 6
PROGRAM: PA	PROGRAM: PADS POWER PCB 2004	2004
FILE: A16 A1	FILE: A16 AV ANALOG UI REV D.PCB	D.PCB
SCALE: 1:1 REV: C		DATE: 07/25/08
TITLE:	A16: /	A16: AV ANALOG UI
	35	35-00-0293

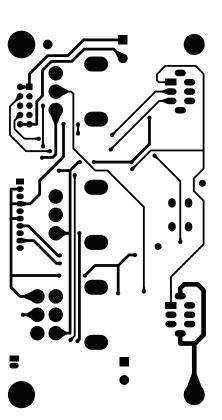




ARTWORK BOTTOM

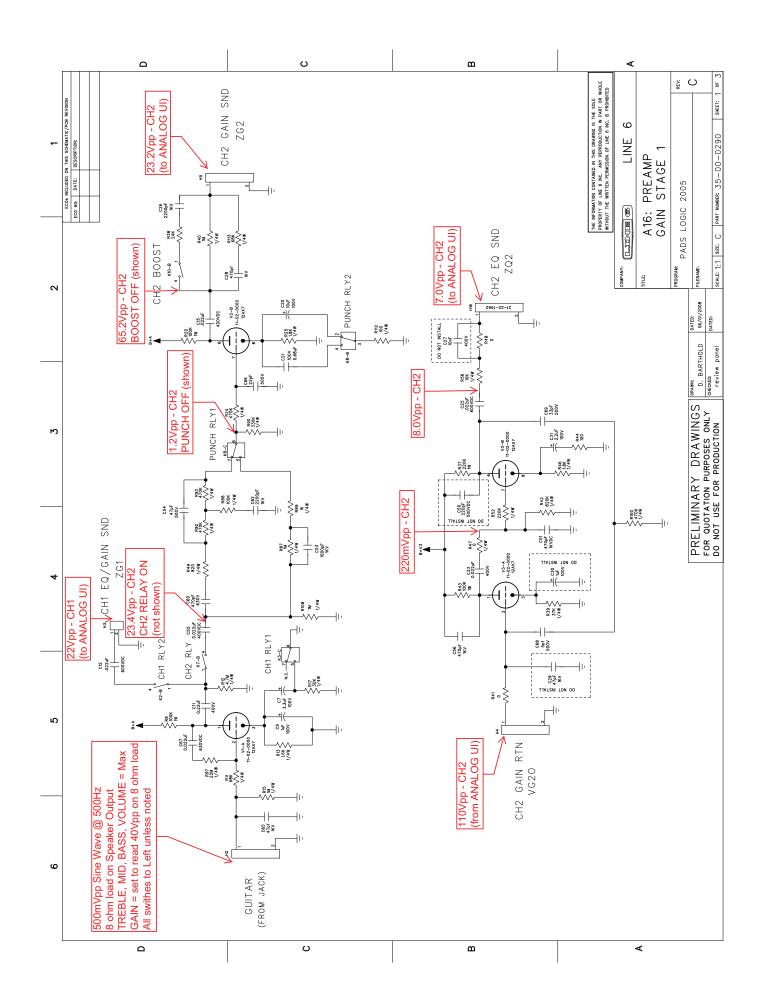
COMPANY:		0	FINE 6	9
PROGRAM: P/	PROGRAM: PADS POWER PCB 2004	B 2004		
FILE: A16 A'	FILE: A16 AV ANALOG UI REV D.PCB	D.PCB		
SCALE: 1:1 REV: C		DATE: 07/25/08	81	
TITLE:	A16:	A16: AV ANALOG UI	IN S	
	3,5	35-00-0393	7	

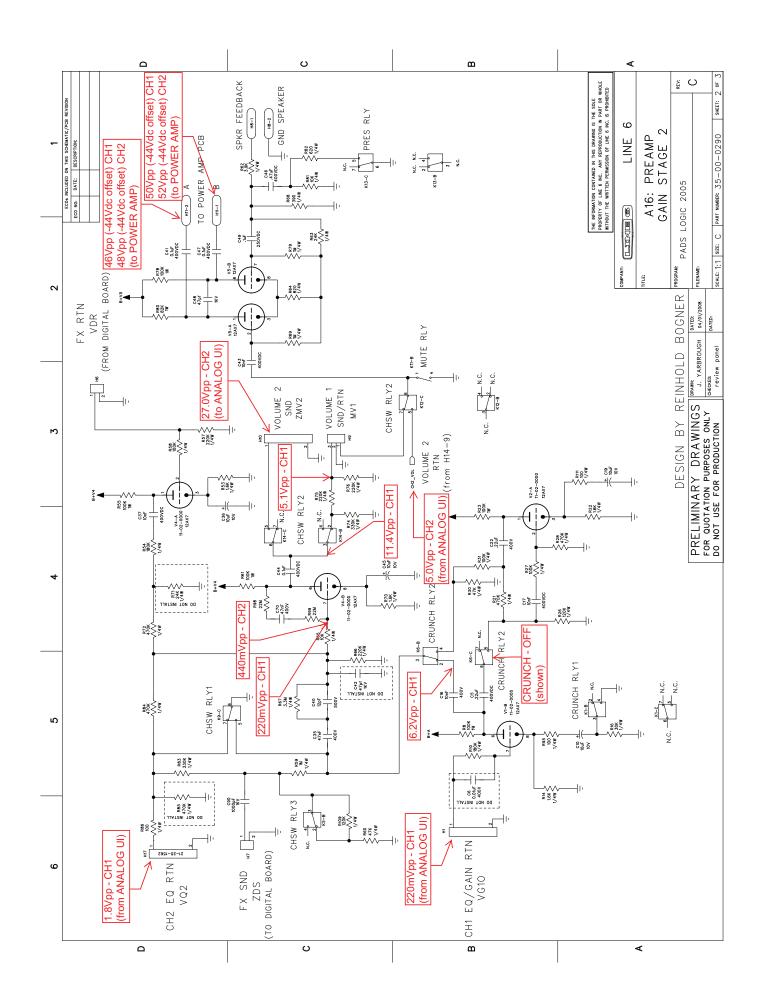


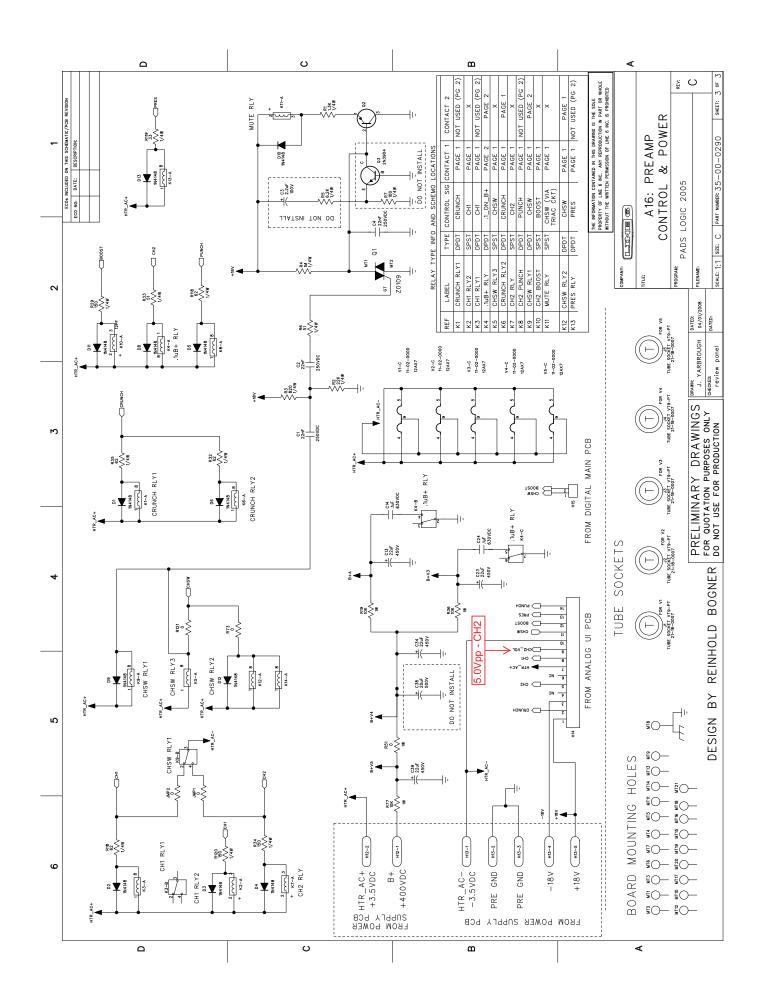


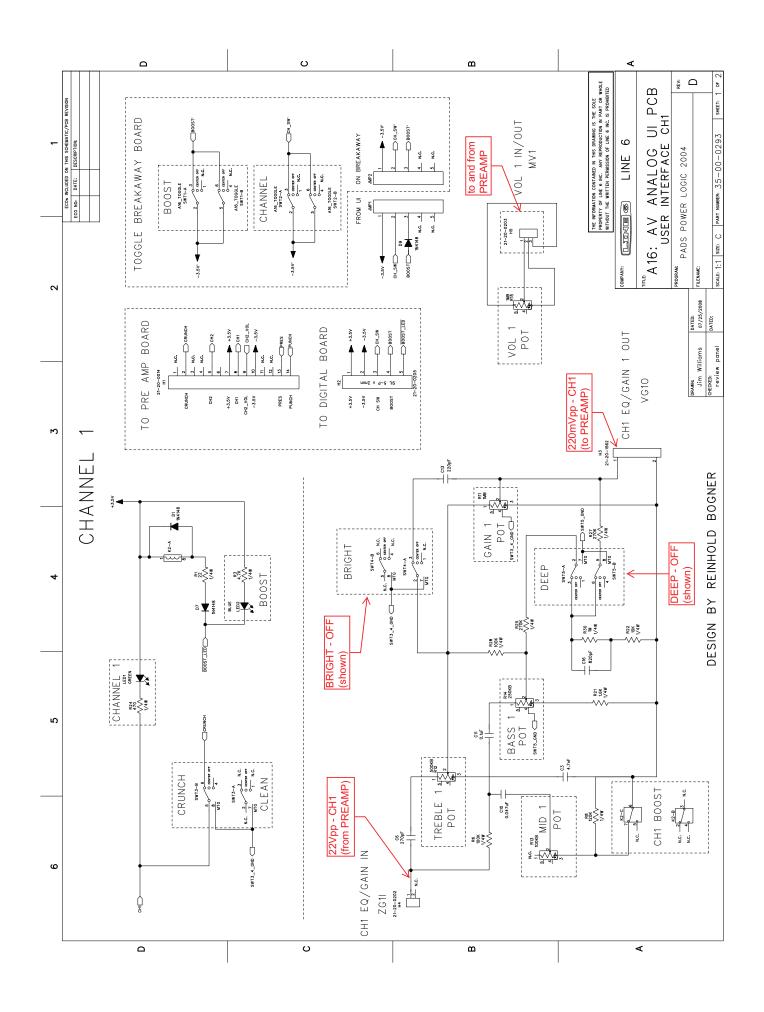
ARTWORK TOP

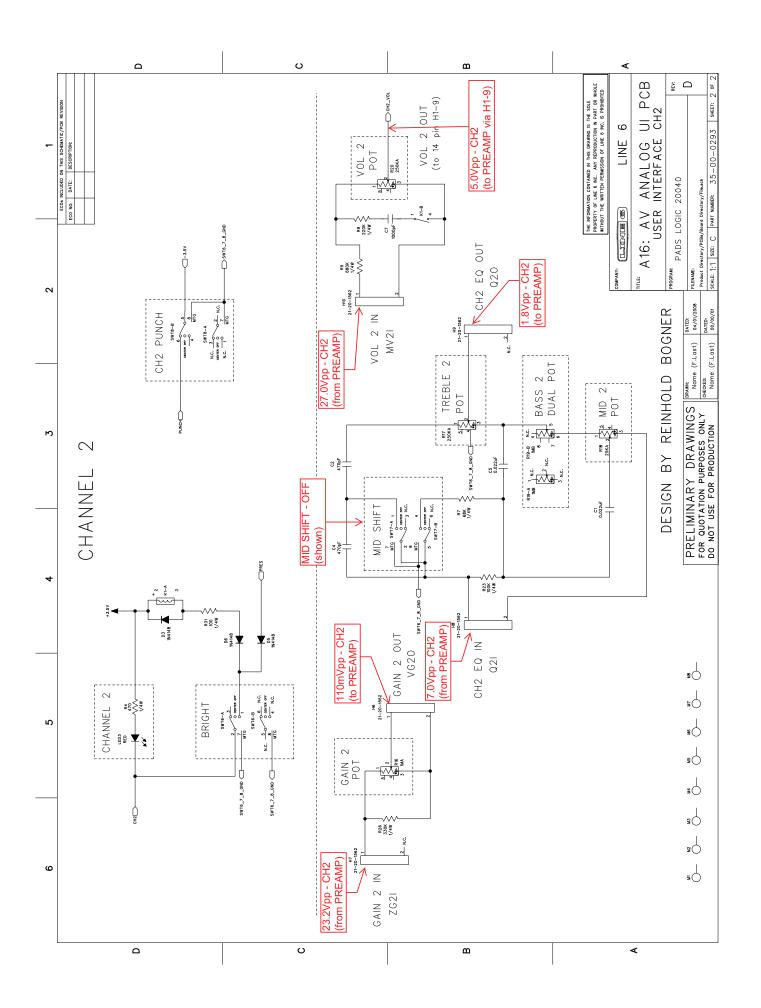
9				576
FINE 6			/08	35-00-0276
	B 2004		DATE: 06/17/08	
	PROGRAM: PADS POWER PCB 2004	FILE: A16 AV UI REV C.PCB	REV: C	A16: AV UI
COMPANY:	PROGRAM: PA	FILE: A16 AV	SCALE: 1:1 REV: C	TITLE:

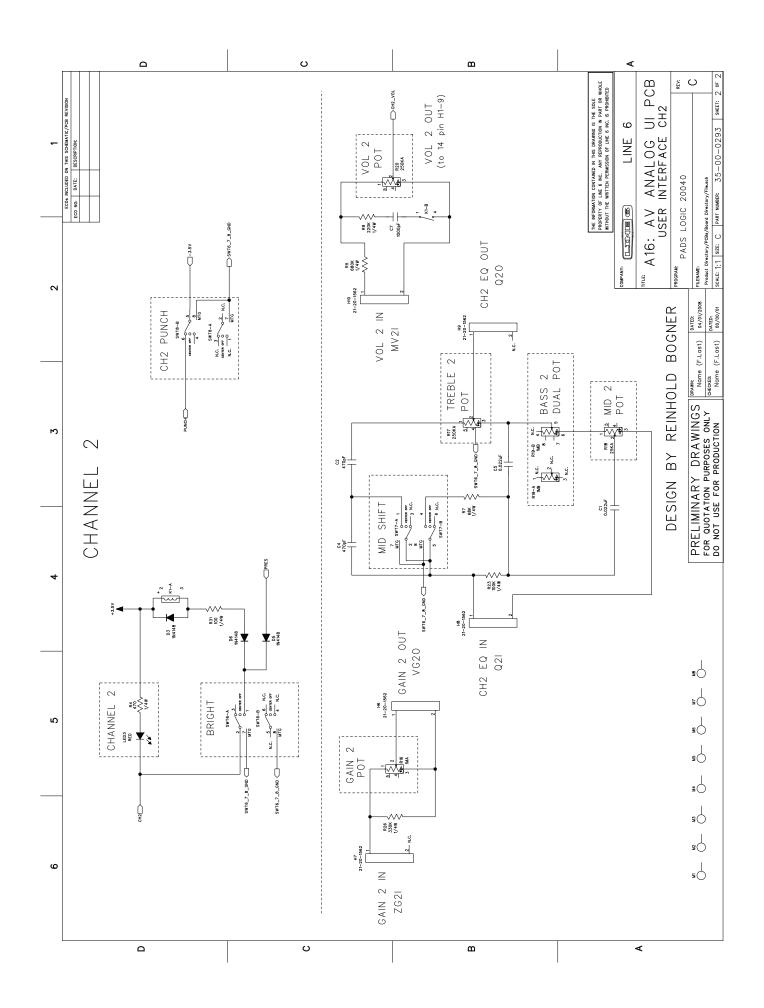


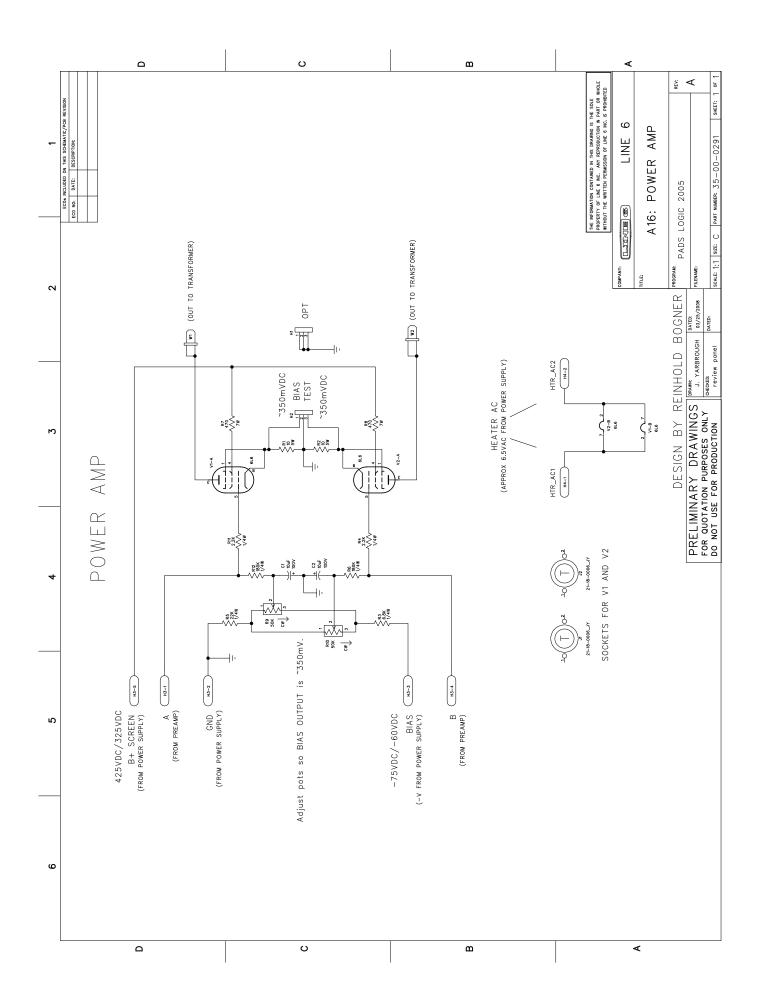


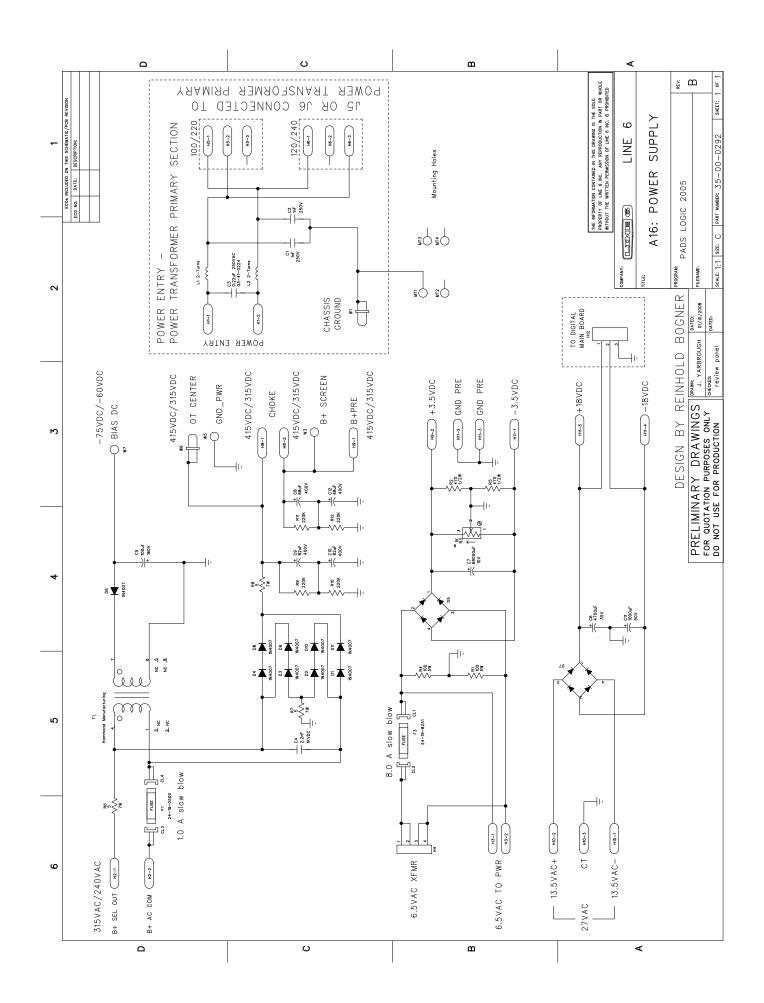


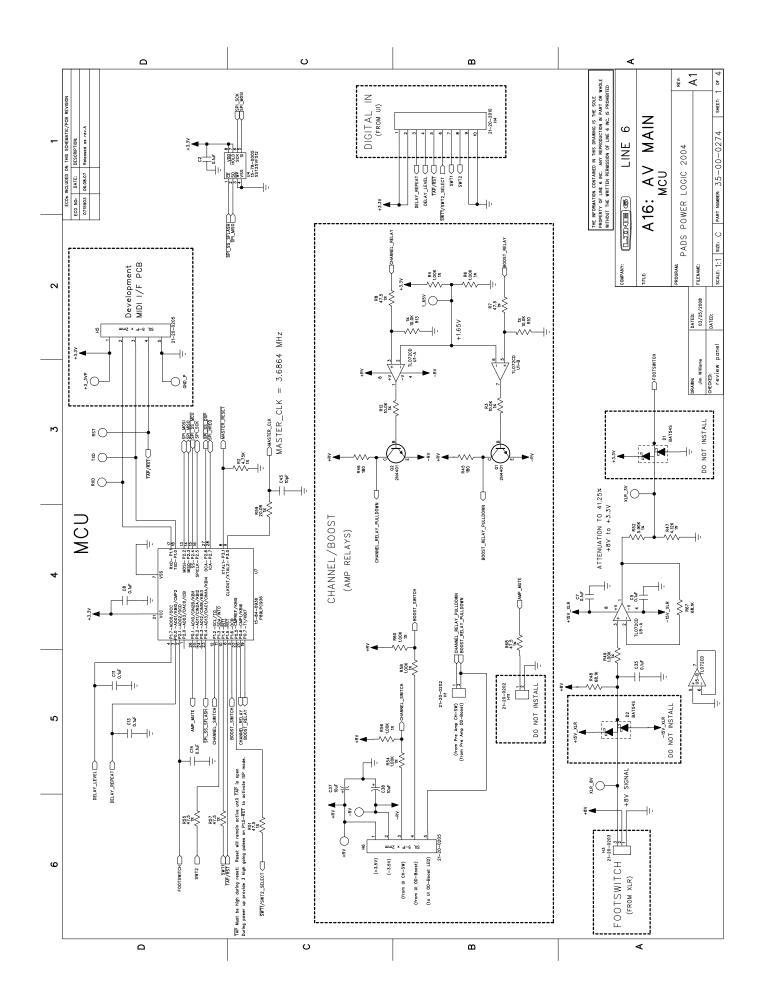


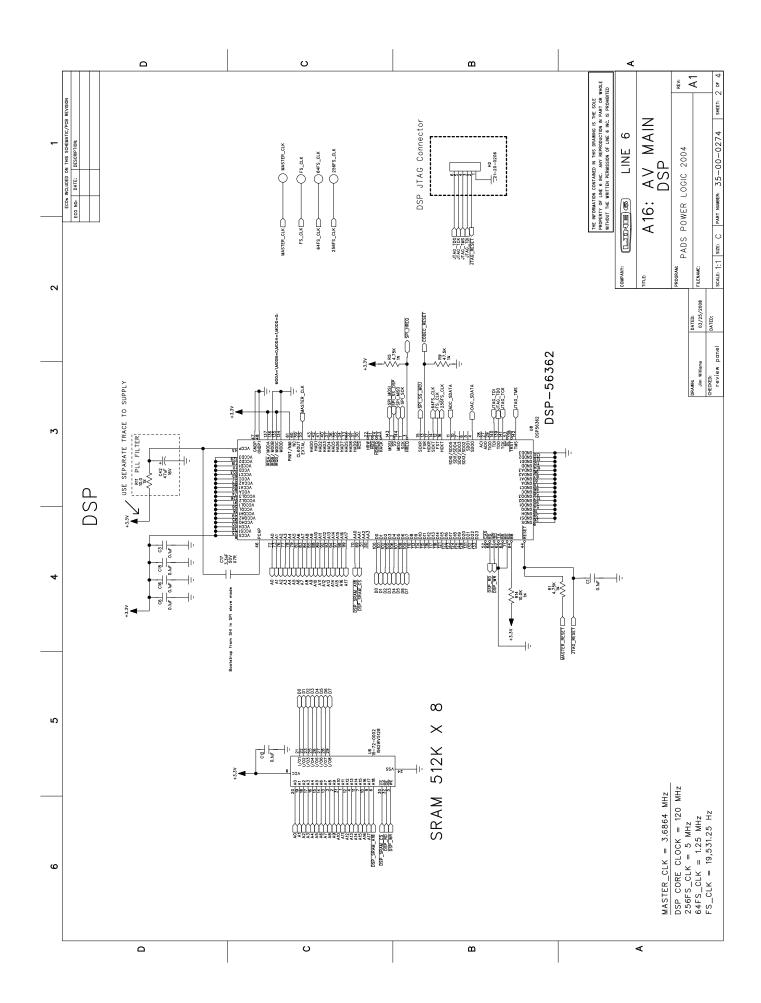


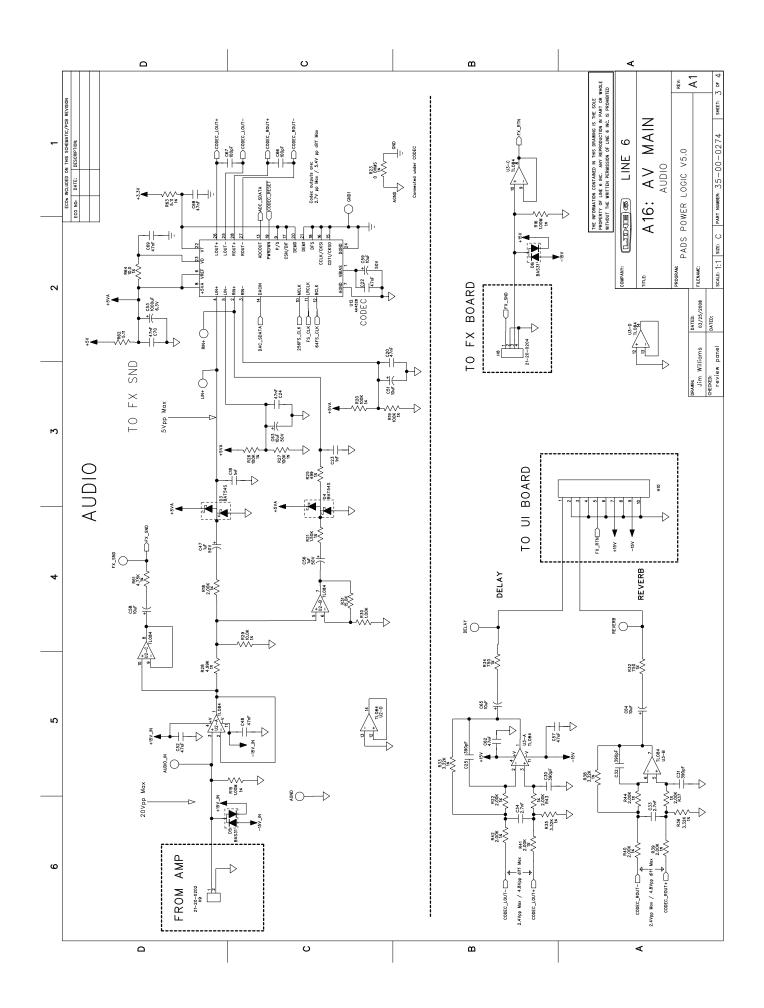


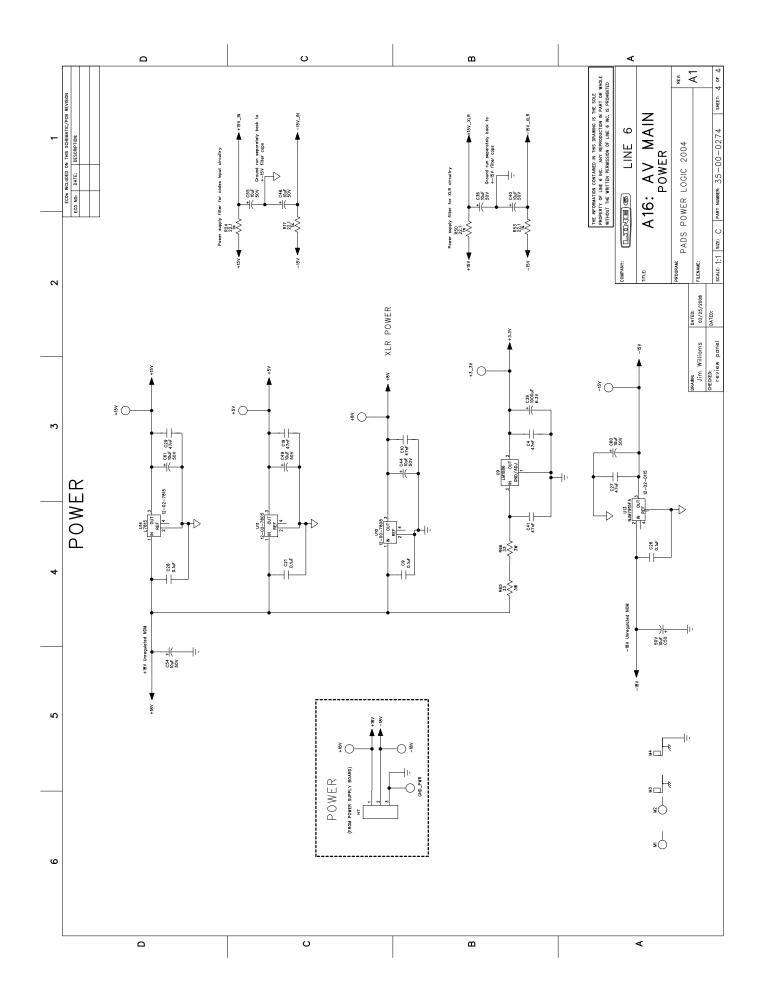


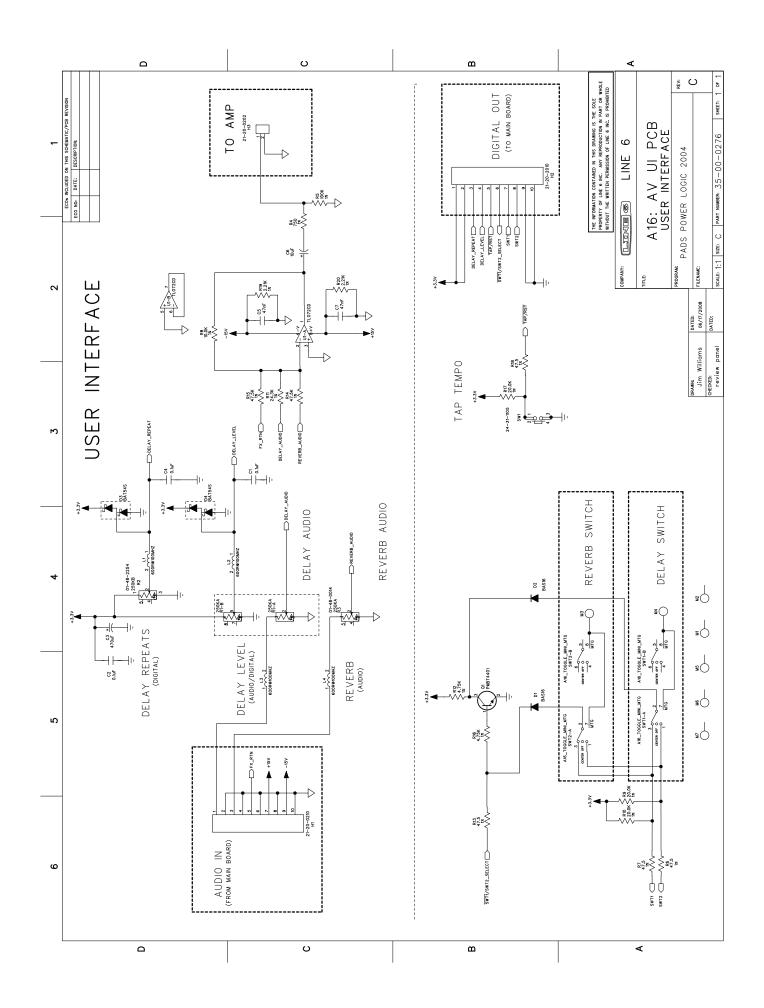


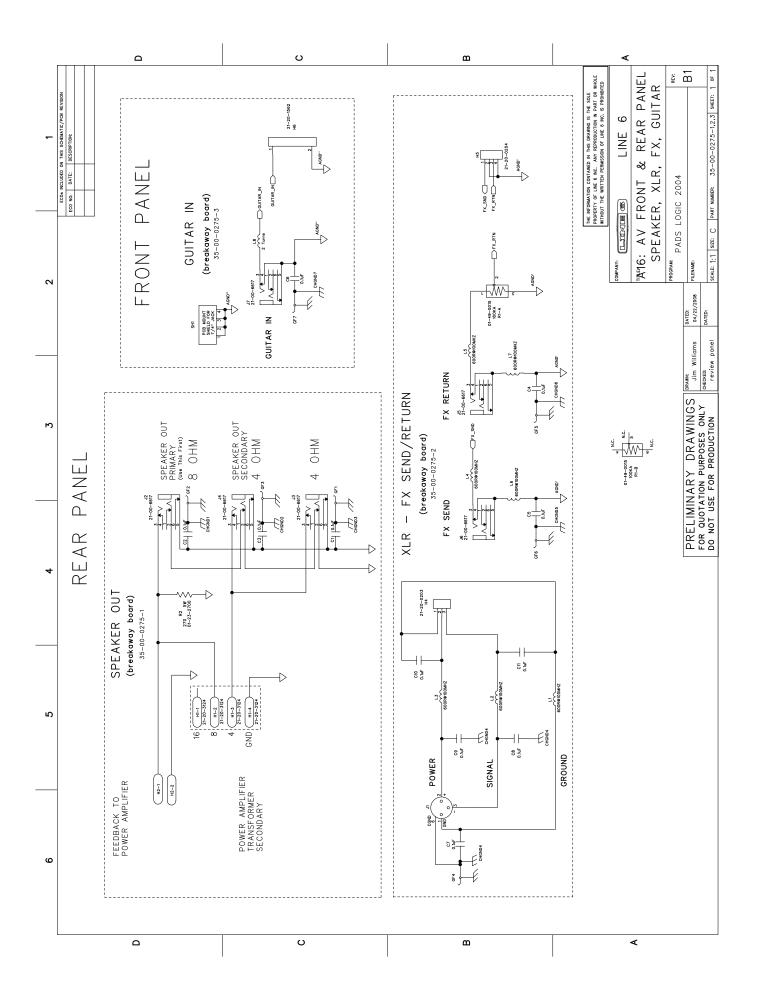


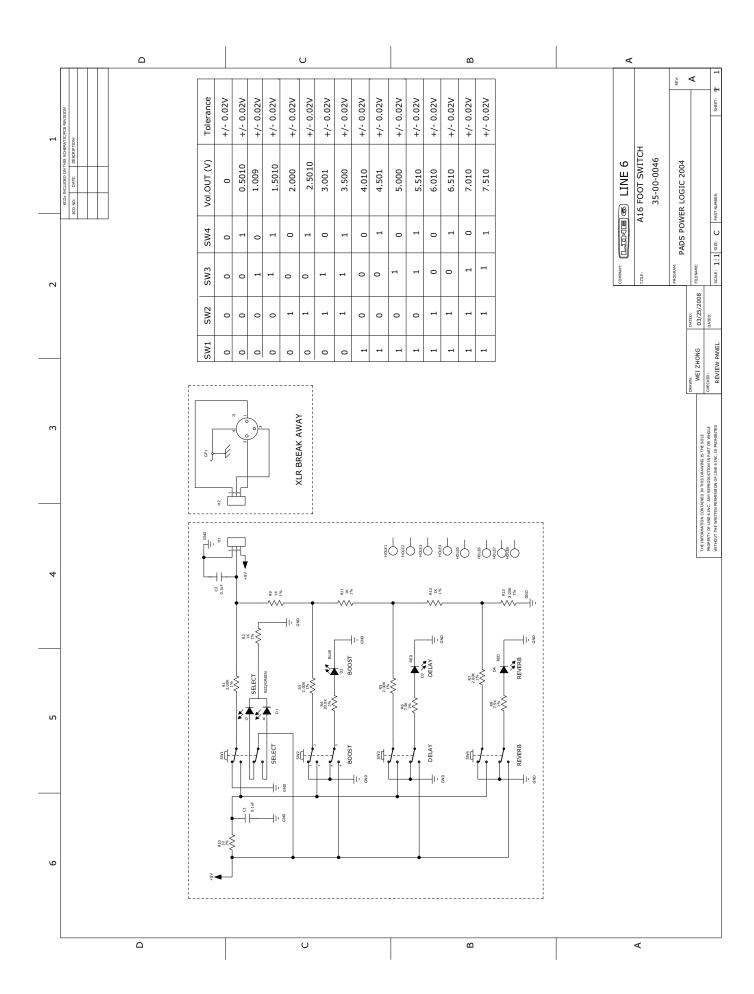


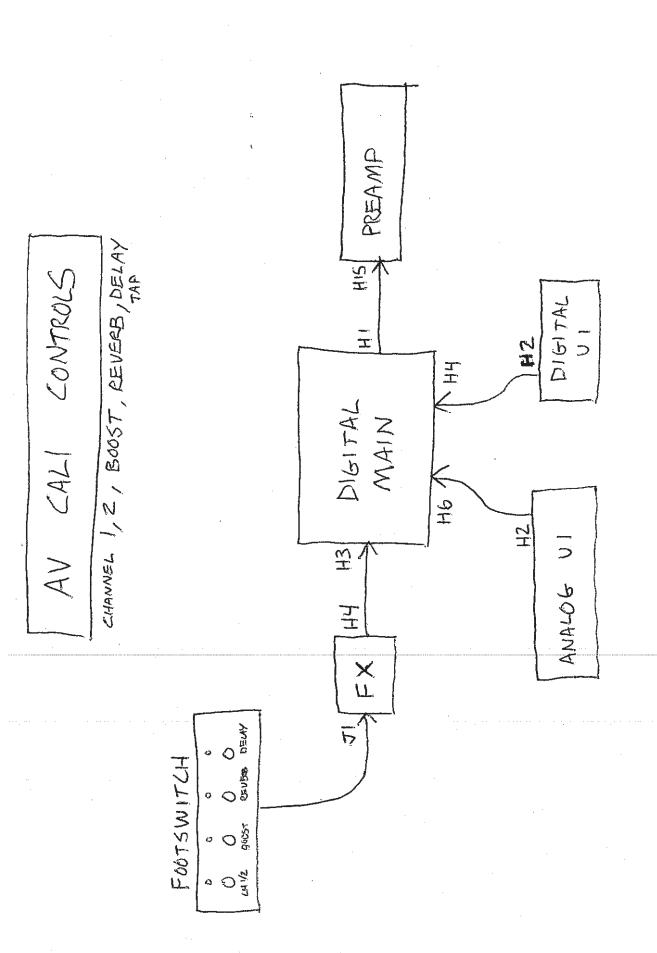


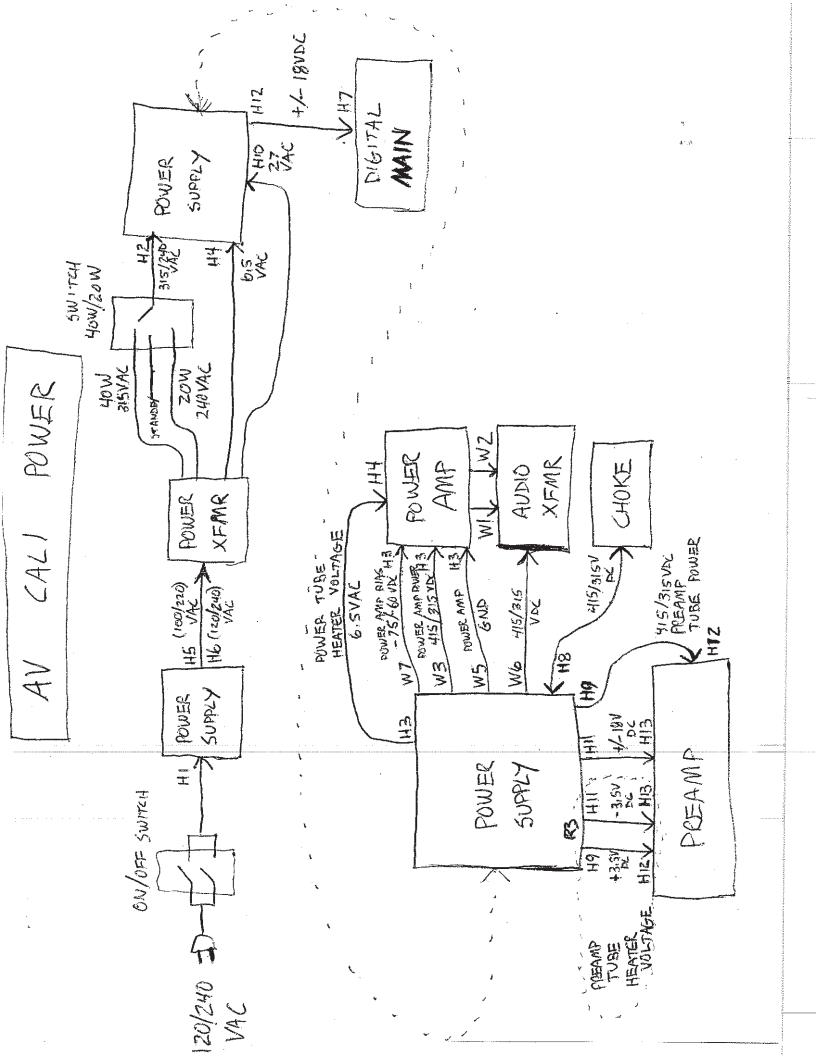


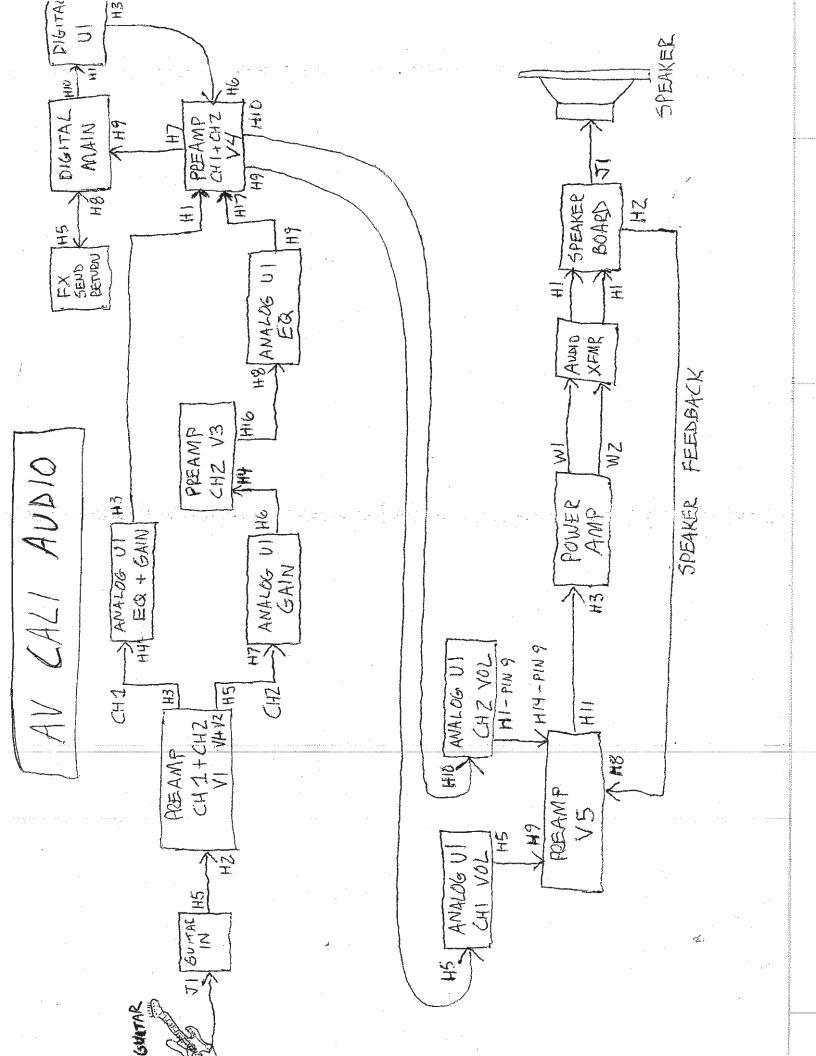












99-011-0305	Alchemist 112 Packout BOM		
Part Number	Description	Qty	Reference Designator(s)
21-34-0118-1	CBL XLR-XLR 3 PIN 24AWG 5.3MM X 5486MM STRND A16	1	
21-37-1160	CBL PWR UL/CSA SJT 8.2FT BLK E L-302 w/GND EL70	1	
40-00-0172	MANUAL USER ALCHEMIST A16	1	
40-10-0211	ENDCAP FOAM SHIPPING TOP SV COMBO A15	4	
40-10-0212	ENDCAP FOAM SHIPPING BOTTOM SV COMBO A15	4	
40-10-0226	NOT USED AT THIS TIME	1	
40-10-0229	CARTON GIFT ALCHEMIST A16-1	1	
40-15-0022	SILICA GEL PACK 3.0" x 3.5"	3	
40-15-0023	ANTISEPTIC PACK (5g/package)	1	
40-20-0011	BAG PLASTIC 10 x 16 2 mil	1	
40-20-0024	BAG PLASTIC xx" W x xx" H CLEAR 4 MIL A16-1	1	
59-00-0280-1	ASSY UNIT COMPLETE AV 112 A16-1 US 120V	1	
99-011-0405	Alchemist 212 Packout BOM		
Part Number	Description	Qty	Reference Designator(s)
21-34-0118-1	CBL XLR-XLR 3 PIN 24AWG 5.3MM X 5486MM STRND A16	1	
21-37-1160	CBL PWR UL/CSA SJT 8.2FT BLK E L-302 w/GND EL70	1	
30-48-0005	CASTER PLUG IN 2" A15	4	
40-00-0172	MANUAL USER ALCHEMIST A16	1	
40-10-0211	ENDCAP FOAM SHIPPING TOP SV COMBO A15	4	
40-10-0212	ENDCAP FOAM SHIPPING BOTTOM SV COMBO A15	4	
40-10-0227	NOT USED AT THIS TIME	1	
40-10-0230	CARTON GIFT ALCHEMIST A16-2	1	
40-15-0022	SILICA GEL PACK 3.0" x 3.5"	3	
40-15-0023	ANTISEPTIC PACK (5g/package)	1	
40-20-0011	BAG PLASTIC 10 x 16 2 mil	1	
40-20-0025	BAG PLASTIC xx" W x xx" H CLEAR 4 MIL A16-2	1	
59-00-0290-1	ASSY UNIT COMPLETE AV 212 A16- 2 US 120V	1	
99-021-0215	Alchemist HD Packout BOM		
Part Number	Description	Qtv	Reference Designator(s)
21-34-0118-1	CBL XLR-XLR 3 PIN 24AWG 5.3MM X 5486MM STRND A16	1	
21-37-1160	CBL PWR UL/CSA SJT 8.2FT BLK E L-302 w/GND EL70	1	
40-00-0172	MANUAL USER ALCHEMIST A16	1	
40-10-0211	ENDCAP FOAM SHIPPING TOP SV COMBO A15	4	
40-10-0212	ENDCAP FOAM SHIPPING BOTTOM SV COMBO A15	4	
40-10-0228	NOT USED AT THIS TIME	1	
40-10-0231	CARTON GIFT ALCHEMIST A16-3	1	
40-15-0022	SILICA GEL PACK 3.0" x 3.5"	3	
40-15-0023	ANTISEPTIC PACK (5g/package)	1	
40-20-0011	BAG PLASTIC 10 x 16 2 mil	1	
40-20-0026	BAG PLASTIC xx" W x xx" H CLEAR 4 MIL A16-3	1	
59-00-1807	ASSY UNIT COMPLETE FOOTSWITCH AV COMBO A16	1	
59-00-0280-1	Alchemist 112 Complete Unit BOM		
Part Number	Description	Qty	Reference Designator(s)
11-20-1004		1	
21-34-0098-3	CBL 1/4" RT ANGLE TO DUAL .205 12.5" 18AWG QUICK CONNECT	1	
30-00-0033	SCREW 10-24 x7/8 TRUSS HD PHH BLK	4	
30-00-0072	SCREW WOOD #10 x 1-1/4" OVAL H D PB	10	
30-00-1130	SCREW 10-32 x 4" OVAL CTSK PB STL	4	
30-03-0035	WASHER #10 SPLIT LK WASH ZINC	4	

30-03-0112	WASHER FINISHING #10 FLANGED STL BLK OXIDE	14
30-03-1010	WAADTER HIJ FLAT L.C. 2.2 11, 4333 OU, .0403 ITN ZINC	1 -
40-25-0030	LABELE II K WANASIA Z X I	T
40-25-0100	LABEL BAR CODE SERIAL NUMBER 4-PANEL LABEL	1
50-03-0053	ASSY CABINET 112 AV/CALI A16-1	1
30-00-0121	SCREW WOOD #6 x 1.25 PHH FLH BLK	10
30-00-0122	SCREW 10-24 x 0.7 OVH PHILLIPS NI PLD / CRM	4
30-00-0138	SCREW WOOD #6 x 1/2" FHP BLACK OXIDE	2
30-00-0141	SCREW 6-32 x 1.25 w/LK WASH PHP STL BLK OXIDE	2
30-00-6839	SCREW WOOD 10-12 x 7/8" PPZ	4
30-03-0806	WASHER #8 0.600 OD x 0.190 ID 0.040 STL BLK OXIDE	2
30-06-1024	NUT-T 10-24 X 5/16 STEEL	8
30-27-0315	PIPING AV AMPS (A16)	1
30-36-0011	COVER VINYL AV/CALI A16	T
30-39-0025	GRILL CLOTH AV/CALI A16	1
30-51-0333	LOGO BOGNER 7.0 X 2.9 X .7 CAS T ALUMINUM BRUSHED A16	1
30-51-0348	TRIM U/I 21.8 x 2.7 x 0.7 BRUS HED ALUM BLK A16	1
30-57-0001	HANDLE CABINET PVC BLACK W/CHROME BRACKETS	1
30-75-0008	RUBBER FOOT 1.50" I.D. X .75" H BLACK	4
50-04-0290-1	ASSY E/M CHASSIS AV/CALI A16 U S 120V	1
59-00-0290-1	Alchemist 212 Compleate Unit Assembly BOM	
Part Number	Description	Otv Reference Designator(s)
11.20.01.01	CONTRACTOR 1711 16 OLIVA CELECTION CADA CODENDACY DE MATTE	7
11 20 0102	SPEANER 12 TO UTING CELESTION GIZINI UNEENBACK 23 WATES	1 -
7010-07-11	SPEAKER IZ TO OHIVI CELESTION GIZH 30 WATES	-
21-34-0098-4	CBL 1/4" RT ANGLE TO DUAL .205 15.5" 18AWG QUICK CONNECT	1
21-36-0266-2	CBL 2 COND 18AWG TWISTED 15.3" .205 SPADE-FM × 4 BL/WH	
30-00-0033	SCREW 10-24 x7/8 TRUSS HD PHH BLK	8
30-00-0072	SCREW WOOD #10 x 1-1/4" OVAL H D PB	10
30-00-1130	SCREW 10-32 x 4" OVAL CTSK PB STL	4
30-03-0035	WASHER #10 SPLIT LK WASH ZINC	8
30-03-0112	WASHER FINISHING #10 FLANGED STL BLK OXIDE	14
30-03-1010	WASHER #10 FLAT .2025 ID, .4555 OD, .0405 THK ZINC	8
40-25-0030	LABEL ETL KWANASIA 2"x 1"	1
40-25-0100	LABEL BAR CODE SERIAL NUMBER 4-PANEL LABEL	1
59-00-0300-1	Alchemist HD Complete Unit BOM	
Part Number	Description	Qty Reference Designator(s)
59-00-0300-1	ASSY UNIT COMPLETE AV HD A16-3 US 120V	1
30-00-0828	SCREW #8 x 5/8IN PHIL-TRUSS BLACK w/WAX	2
30-00-1130	SCREW 10-32 x 4" OVAL CTSK PB STL	4
30-03-0112	WASHER FINISHING #10 FLANGED STL BLK OXIDE	4
30-51-0350	PANEL BACK MESH 24.0 x 6.1 x . 3 BLK POWDER COAT A16-3	1
30-48-0010	FOOT RUBBER w/ADHESIVE 3M BUMPON SJ-5012 (OR EQUIV)	2
40-25-0100	LABEL BAR CODE SERIAL NUMBER 4-PANEL LABEL	1
40-25-0030	LABEL ETL KWANASIA 2"x 1"	1
50-03-0052	ASSY CABINET HEAD AV/CALI A16- 3	1
30-00-0024	SCREW WD #8 x 1-1/8IN PPB STL	4
30-00-0122	SCREW 10-24 x 0.7 OVH PHILLIPS NI PLD / CRM	4
30-00-0138	SCREW WOOD #6 x 1/2" FHP BLACK OXIDE	5
30-00-0141	SCREW 6-32 x 1.25 w/LK WASH PHP STL BLK OXIDE	2
30-00-0828	SCREW #8 x 5/8IN PHIL-TRUSS BLACK w/WAX	4
30-03-0806	WASHER #8 0.600 OD x 0.190 ID 0.040 STL BLK OXIDE	2

2007000	ANITE AND ANY PLACEMENT		
30-06-1024	NO I-1 IU-24 X 5/ 15 51 EEL PIPING AV AMPS (A16)	1	
30-36-0011	COVER VINYI AV/CALLA16	1 -	
30-39-0025	GRILL CLOTH AV/CALI A16	1	
30-51-0333	LOGO BOGNER 7.0 X 2.9 X .7 CAS T ALUMINUM BRUSHED A16	1	
30-51-0348	l	1	
30-57-0001	HANDLE CABINET PVC BLACK W/CHROME BRACKETS	1	
30-75-0008	RUBBER FOOT 1.50" I.D. X .75"H BLACK	4	
50-04-0290-1	ASSY E/M CHASSIS AV/CALI A16 U S 120V	1	
50-04-0290-1	Alchemist 112 Chassis Assembly BOM		
Part Number	Description	Qty	Reference Designator(s)
11-02-0011	VALVE ELECTRO-HARMONIX 12AX7EH (LOW MICROPHONIC)	3	
11-02-0020	VALVE RUBY TUBES 12AX7	2	
11-02-0022	VALVE RUBY TUBES 6LGGCMSTR MATCHED PAIR	1	
11-30-0033	XFMR 100/120VAC 330/240/13.5x2 /6.5 AV A16 W/ 2 GROMMETS	1	
11-33-1105	XFMR OUTPUT ALL VALVE A16 50 Watts 8-4-2 Ohm W/2 GROMMETS	1	
11-33-1201	XFMR AUDIO CHOKE 5 Henry @1KHz 1V 0mA	1	
21-18-0008	TUBE SHIELD #1-2.5-50	2	
21-29-0007	WIRE 18AWG FSTN .187 2/.250 14"/3.5" WHITE	1	
21-29-0008-1	WIRE 2-PIN/1COND 26AWG 2mm F-F 3" INSUL STRANDED Z-TYPE WHITE	1	
21-34-0013	CBL SIL 5 COND 26AWG 2 x 50.8M M F-F	1	
21-34-0076-4	CBL SIL 2 COND 26AWG 2MM x 4.0 " JST PHR-2 BLUE	1	
21-34-0087-1	CBL ASSY 10 COND 26AWG F/F x 5 .0" WHITE	1	
21-34-0095-1	CBL SIL 3 COND 18AWG 3 PIN 3.0" x .156" PITCH WHITE	1	
21-34-0099-1	CBL ASSY 4 PIN SIL 4 COND 18" 26 AWG SHLD	1	
21-34-0103-1	CBL SIL 3 COND 26AWG 2MM 20" F-F WHITE	1	
21-34-0104-1	CBL SIL 3-PIN/2 COND 16AWG 3.96 4" TWSTED F-F RD/WH LKG	2	
21-34-0104-2	CBL SIL 3-PIN/2 COND 16AWG 3.96 18.5" TWSTD F-F RD/WH LKG	1	
21-34-0105-1	CBL SIL 9-PIN/5 COND 18AWG 3.96 3" WHITE LOCKING	1	
21-34-0107-1	CBL SIL 3 COND 26AWG SHLD 2mm 7" F-F	1	
21-34-0108-1	CBL SIL 2 COND SHLD 3.96mm 4.25" F-F BLK	2	
21-34-0108-2	CBL SIL 2 COND SHLD 3.96mm 6" F-F BLK	1	
21-34-0108-3	CBL SIL 2 COND SHLD 3.96mm 9" F-F BLK	4	
21-34-0114-1	CBL ASSY 2 PIN SIL 9.0" 26 AWG SHLD	1	
21-34-0114-2	CBL ASSY 2 PIN SIL 14.0" 26AWG SHLD	1	
21 24 0125-4	CBL ASSY 16AWG 3 PIN SIL 12 X 12 X .230 RCPT RED/WHITE	Τ .	
21-34-1022	CBL FSTN .187-RCPT x 2 1-COND 178MIM STRAND 18AWG BK	1	
21-34-1023-1	CBL FSTN .205-RCPT/.250-RCPT 1-COND 18AWG 8" BLK	1	
21-34-1023-2	CBL FSTN .205-RCPT/.250-RCPT 1-COND 18AWG 8" WHT	1	
21-48-0004	HOLDER FUSE PANEL MOUNT SHOCK SAFE 500V	1	
21-48-0005	FUSE CAP No. 816 FOR 6.3 x 32M M	1	
24-03-0004	SWITCH TOGGLE DPST ON-OFF 250V 10A QUICK TERMINAL PNL MNT	1	
24-03-0014	SWITCH TOGGLE DPDT ON-OFF-ON 250V 10A QUICK TERMINL PNL MT	1	
24-19-0005	FUSE 0.5A 250V SLOW BLOW 3AG	1	
24-19-0250	FUSE 2.5A 250V 5MM x 20MM	1	
30-00-0042	SCREW SHEET METAL 4 x 0.375 IN SELF-TAP PPB	2	
30-00-0043	SCREW 6-32 x 5/16 w/LK WASH PPZ STL	28	
30-00-0125	SCREW 8-32 x 5/16 W/LK WASH PP H BLK STL	9	
30-00-0128	SCREW 6-32 x .375 W/LK WASH PP H BLK	2	
30-00-0132	SCREW 10-32 x .375 PPH W/LK WA SH BLACK OXIDE	8	

		_	
30-00-0137	SCREW 4-40 x .3125 w/LK WASH PAN HD PHIL BLK SDACER 11 THICK & 630D ARS R I K	4	
30-15-0042	SPACER. 75 OD x. 30 ID x. 17 HT ABS BLK	9 4	
30-21-0005	RETAINER TUBE EL34 STYLE	2	
30-24-0030	CABLE TIE 4.0" LONG BLACK	18	
30-27-0059	LENS LED .19" DIA x .29" HT PLASTIC CLEAR SNAP IN	m	
30-27-0314	GUIDE SCREW 2.9 x 1.2 x 0.6 AB S BLK A16	4	
30-27-0316	SPRT DUAL LKG CKT BD TEARDROP .500 LG 6/6 NYLON NAT	2	
30-42-0055	OVERLAY FRONT 22.5 x 2.75 x .0 60 CLEAR POLYCARBONATE A16	1	
41-00-0178	ARTWORK SILKSCREEN OVERLAY UI AV/CALI A16	1	
30-45-0021	KNOB 0.88 DIA x 0.5 HIGH ALUMI NUM A16	10	
30-45-0022	KNOB 0.76 DIA x 0.46 HIGH ALUM INUM A16	4	
30-51-0330	CHASSIS 22.5 x 8.5 x 2.75 STEEL A16	1	
41-00-0181	ARTWORK SILKSCREEN CHASSIS REAR AV CALI A16	1	
30-51-0331	TUBE CAGE 6.6 x 4.1 x 2.3 ALUM BLK A16	1	
30-75-9600	GROMMET RUBBER 7/16-D x 1/16 GRV x 3/4" GRV-DIA BLACK	1	
50-00-0001	ASSY RECEPTACLE-A/C w/GND WIRE SNAP-IN	1	
50-04-0290-1	Alchemist 212 Chassis Assembly BOM		
Part Number	Description	Reference Designator(s)	
50-04-0290-1	ASSY E/M CHASSIS AV/CALI A16 U S 120V	1	
11-02-0011	VALVE ELECTRO-HARMONIX 12AX7EH (LOW MICROPHONIC)	8	
11-02-0020	VALVE RUBY TUBES 12AX7	2	
11-02-0022	VALVE RUBY TUBES 6LGGCMSTR MATCHED PAIR	1	
11-30-0033	XFMR 100/120VAC 330/240/13.5x2 /6.5 AV A16 W/ 2 GROMMETS	1	
11-33-1105	XFMR OUTPUT ALL VALVE A16 50 Watts 8-4-2 Ohm W/2 GROMMETS	1	
11-33-1201	XFMR AUDIO CHOKE 5 Henry @1KHz 1V 0mA	1	
21-18-0008	TUBE SHIELD #1-2.5-50	2	
21-29-0007	WIRE 18AWG FSTN .187 2/.250 14"/3.5" WHITE	1	
21-29-0008-1	WIRE 2-PIN/1COND 26AWG 2mm F-F 3" INSUL STRANDED Z-TYPE WHITE	1	
21-34-0013	CBL SIL 5 COND 26AWG 2 x 50.8M M F-F	1	
21-34-0076-4	CBL SIL 2 COND 26AWG 2MM x 4.0 " JST PHR-2 BLUE	1	
21-34-0087-1	CBL ASSY 10 COND 26AWG F/F x 5 .0" WHITE	1	
21-34-0095-1	CBL SIL 3 COND 18AWG 3 PIN 3.0" x .156" PITCH WHITE	1	
21-34-0099-1	CBL ASSY 4 PIN SIL 4 COND 18" 26 AWG SHLD	1	
21-34-0103-1	CBL SIL 3 COND 26AWG 2MM 20" F-F WHITE	1	
21-34-0104-1	CBL SIL 3-PIN/2 COND 16AWG 3.96 4" TWSTED F-F RD/WH LKG	2	
21-34-0104-2	CBL SIL 3-PIN/2 COND 16AWG 3.96 18.5" TWSTD F-F RD/WH LKG	1	
21-34-0105-1	CBL SIL 9-PIN/5 COND 18AWG 3.96 3" WHITE LOCKING	1	
21-34-0107-1	CBL SIL 3 COND 26AWG SHLD 2mm 7" F-F	1	
21-34-0108-1	CBL SIL 2 COND SHLD 3.96mm 4.25" F-F BLK	2	
21-34-0108-2	CBL SIL 2 COND SHLD 3.96mm 6" F-F BLK	1	
21-34-0108-3	CBL SIL 2 COND SHLD 3.96mm 9" F-F BLK	4	
21-34-0114-1	CBL ASSY 2 PIN SIL 9.0" 26 AWG SHLD	1	
21-34-0114-2	CBL ASSY 2 PIN SIL 14.0" 26AWG SHLD	1	
21-34-0135-4	CBL ASSY 18AWG 3 PIN SIL 12" x 12" x .250 RCPT RED/WHITE	1	
21-34-0135-5	CBL ASSY 18AWG 3 PIN SIL 12" x 12" x .250 RCPT WHITE/BLK	1	
21-34-1022	CBL FSTN .187-RCPT x 2 1-COND 178MM STRAND 18AWG BK	1	
21-34-1023-1	CBL FSTN .205-RCPT/.250-RCPT 1-COND 18AWG 8" BLK	1	
21-34-1023-2	CBL FSTN .205-RCPT/.250-RCPT 1-COND 18AWG 8" WHT	1	
21-48-0004	HOLDER FUSE PANEL MOUNT SHOCK SAFE 500V	1	
21-48-0005	FUSE CAP No. 816 FOR 6.3 x 32M M	1	

24-03-0004	SWITCH TOGGLE DPST ON-OFF 250V 10A QUICK TERMINAL PNL MNT	1
24-03-0014	SWITCH TOGGLE DPDT ON-OFF-ON 250V 10A QUICK TERMINL PNL MT	1
24-19-0005	FUSE 0.5A 250V SLOW BLOW 3AG	1
24-19-0250	FUSE 2.5A 250V SMM x 20MM	1
30-00-0042	SCREW SHEET METAL 4 x 0.375 IN SELF-TAP PPB	2
30-00-0043	SCREW 6-32 x 5/16 w/LK WASH PPZ STL	28
30-00-0125	SCREW 8-32 x 5/16 W/LK WASH PP H BLK STL	9
30-00-0128	SCREW 6-32 x .375 W/LK WASH PP H BLK	2
30-00-0132	SCREW 10-32 x.375 PPH W/LK WA SH BLACK OXIDE	
30-00-0137	SCREW 4-40 x .3125 w/LK WASH PAN HD PHIL BLK	4
30-15-0041	SPACER .11 THICK x .630D ABS B LK	9
30-15-0042	SPACER .75 OD x .50 ID x .17 HT ABS BLK	4
30-21-0005	RETAINER TUBE EL34 STYLE	2
30-24-0030	CABLE TIE 4.0" LONG BLACK	18
30-27-0059	LENS LED .19" DIA x .29" HT PLASTIC CLEAR SNAP IN	3
30-27-0314	GUIDE SCREW 2.9 x 1.2 x 0.6 AB S BLK A16	4
30-27-0316	SPRT DUAL LKG CKT BD TEARDROP .500 LG 6/6 NYLON NAT	2
30-42-0055	OVERLAY FRONT 22.5 x 2.75 x .0 60 CLEAR POLYCARBONATE A16	1
41-00-0178	ARTWORK SILKSCREEN OVERLAY UI AV/CALI A16	1
30-45-0021	KNOB 0.88 DIA x 0.5 HIGH ALUMI NUM A16	10
30-45-0022	KNOB 0.76 DIA x 0.46 HIGH ALUM INUM A16	4
30-51-0330	CHASSIS 22.5 x 8.5 x 2.75 STEEL A16	
41-00-0181	ARTWORK SILKSCREEN CHASSIS REAR AV CALI A16	
30-51-0331	TUBE CAGE 6.6 x 4.1 x 2.3 ALUM BLK A16	
30-75-9600	GROMMET RUBBER 7/16-D x 1/16 GRV x 3/4" GRV-DIA BLACK	1
50-04-0290-1	Alchemist HD Chassis BOM	
Part Number	Description	Qty Reference Designator(s)
11-02-0011	VALVE ELECTRO-HARMONIX 12AX7EH (LOW MICROPHONIC)	3
11-02-0020	VALVE RUBY TUBES 12AX7	2
11-02-0022	VALVE RUBY TUBES 6LGGCMSTR MATCHED PAIR	1
11-30-0033	XFMR 100/120VAC 330/240/13.5x2 /6.5 AV A16 W/ 2 GROMMETS	1
11-33-1105	XFMR OUTPUT ALL VALVE A16 50 Watts 8-4-2 Ohm W/2 GROMMETS	1
11-33-1201	XFMR AUDIO CHOKE 5 Henry @1KHz 1V 0mA	1
21-18-0008	TUBE SHIELD #1-2.5-50	2
21-29-0007	WIRE 18AWG FSTN .187 2/.250 14"/3.5" WHITE	1
21-29-0008-1	WIRE 2-PIN/1COND 26AWG 2mm F-F 3" INSUL STRANDED Z-TYPE WHITE	1
21-34-0013	CBL SIL 5 COND 26AWG 2 x 50.8M M F-F	1
21-34-0076-4	CBL SIL 2 COND 26AWG 2MM x 4.0 " JST PHR-2 BLUE	1
21-34-0087-1	CBL ASSY 10 COND 26AWG F/F x 5 .0" WHITE	1
21-34-0095-1	CBL SIL 3 COND 18AWG 3 PIN 3.0" x .156" PITCH WHITE	1
21-34-0099-1	CBL ASSY 4 PIN SIL 4 COND 18" 26 AWG SHLD	1
21-34-0103-1	CBL SIL 3 COND 26AWG 2MM 20" F-F WHITE	1
21-34-0104-1	CBL SIL 3-PIN/2 COND 16AWG 3.96 4" TWSTED F-F RD/WH LKG	2
21-34-0104-2	CBL SIL 3-PIN/2 COND 16AWG 3.96 18.5" TWSTD F-F RD/WH LKG	1
21-34-0105-1	CBL SIL 9-PIN/5 COND 18AWG 3.96 3" WHITE LOCKING	1
21-34-0107-1	CBL SIL 3 COND 26AWG SHLD 2mm 7" F-F	1
21-34-0108-1	CBL SIL 2 COND SHLD 3.96mm 4.25" F-F BLK	2
21-34-0108-2	CBL SIL 2 COND SHLD 3.96mm 6" F-F BLK	1
21-34-0108-3	CBL SIL 2 COND SHLD 3.96mm 9" F-F BLK	4
21-34-0114-1	CBL ASSY 2 PIN SIL 9.0" 26 AWG SHLD	1
21-34-0114-2	CBL ASSY 2 PIN SIL 14.0" 26AWG SHLD	1

21-34-0135-4	CBL ASSY 18AWG 3 PIN SIL 12" x 12" x .250 RCPT RED/WHITE		
21-34-1022	CBL FCTNI 187_BCDT × 21_COND 178MM CTRAND 18AWG BK	1 -	
21-34-1022	CRITICAL TO FORT LAZ I - CONTRA ANAMOR DIN	1 7	
21-34-1023-1	CBL F3 IN .205-RCP1 .250-RCP1 1-COND 18AWG 8" BLK	_	
21-34-1023-2	CBL FSTN .205-RCPT/.250-RCPT 1-COND 18AWG 8" WHT	1	
21-48-0004	HOLDER FUSE PANEL MOUNT SHOCK SAFE 500V	1	
21-48-0005	FUSE CAP No. 816 FOR 6.3 x 32M M	1	
24-03-0004	SWITCH TOGGLE DPST ON-OFF 250V 10A QUICK TERMINAL PNL MNT	1	
24-03-0014	SWITCH TOGGLE DPDT ON-OFF-ON 250V 10A QUICK TERMINL PNL MT	1	
24-19-0005	FUSE 0.5A 250V SLOW BLOW 3AG	1	
24-19-0250	FUSE 2.5A 250V 5MM x 20MM	1	
30-00-0042	SCREW SHEET METAL 4 x 0.375 IN SELF-TAP PPB	2	
30-00-0043	SCREW 6-32 x 5/16 w/LK WASH PPZ STL	28	
30-00-0125	SCREW 8-32 x 5/16 W/LK WASH PP H BLK STL	9	
30-00-0128	SCREW 6-32 x .375 W/LK WASH PP H BLK	2	
30-00-0132	SCREW 10-32 x .375 PPH W/LK WA SH BLACK OXIDE	∞	
30-00-0137	SCREW 4-40 x .3125 w/LK WASH PAN HD PHIL BLK	4	
30-15-0041	SPACER .11 THICK x .630D ABS B LK	9	
30-15-0042	SPACER .75 OD x .50 ID x .17 HT ABS BLK	4	
30-21-0005	RETAINER TUBE EL34 STYLE	2	
30-24-0030	CABLE TIE 4.0" LONG BLACK	18	
30-27-0059	LENS LED .19" DIA x . 29" HT PLASTIC CLEAR SNAP IN	m	
30-27-0314	GUIDE SCREW 2:9 x 1.2 x 0.6 AB S BI K 416	4	
30-27-0316	SPRT DUAL IKG CKT BD TEARDROP, 500 IG 6/6 NYLON NAT	2	
30-42-0055	OVEDLAY EDONT 22 5 2 75 5 0 60 CLEAD DOLYCADBONATE 416	1 -	
30-42-0033	OVERLAT FNOIN 1 22.3 X 2.7 3 X .0 GU CLEAR POLICARBOINATE ALG	⊣ ₹	
41-00-01/8	AR I WORK SILKSCKEEN OVERLAY UI AV/CALI AIB	٦ (
30-45-0021	KNOB 0.88 DIA x 0.5 HIGH ALUMI NUM A16	OI.	
30-45-0022	KNOB 0.76 DIA x 0.46 HIGH ALUM INUM A16	4	
30-51-0330	CHASSIS 22.5 x 8.5 x 2.75 STEEL A16	1	
41-00-0181	ARTWORK SILKSCREEN CHASSIS REAR AV CALI A16	1	
30-51-0331	TUBE CAGE 6.6 x 4.1 x 2.3 ALUM BLK A16	П	
30-75-9600	GROMIMET RUBBER 7/16-D x 1/16 GRV x 3/4" GRV-DIA BLACK	1	
50-00-0001	ASSY RECEPTACLE-A/C w/GND WIRE SNAP-IN	1	
50-00-0001	A/C Receptacle BOM		
Part Number	Description	Qty	Reference Designator(s)
21-14-0002	JACK IEC w/FUSE MALE 3 PIN PAN EL MOUNT SNAP IN VERT	1	
21-34-1116	CBL EARTHING W/EYELET 16AWG 5" GREEN W/YELLOW STRIPE	1	
50-02-0274	Alchemist Main PCBA BOM		
Part Number	Description	Qty	Reference Designator(s)
50-02-0274	PCBA MAIN ALL VALVE A16	1	
01-04-0181	RES 180R 5% 1206	2 F	R45-R46
01-23-0330	RES METAL OXIDE 33R 3W 5% TH STRAIGHT LEAD	2 F	2 R65-R66
01-24-1001	RES 1.00K 1% 0805	5 6	5 R30,R54,R56,R58,R60
01-24-1002	RES 10.0K 1% 0805	2 F	R14,R29
01-24-1003	RES 100K 1% 0805	4 F	R19-R20,R26-R27
01-24-1004	RES 1.00M 1% 0805	2 F	R15-R16
01-24-10R0	RES 10.0R 1% 0805	2 F	2 R11,R64
01-24-1501	RES 1.50K 1% 0805	1 F	R21
01-24-1502	RES 15.0K 1% 0805	1 F	R31
01-24-2001	RES 2.00K 1% 0805	1 F	R18
01-24-22R1	RES 22.1R 1% 0805	4 F	4 R17,R24,R50,R53

		-
01-24-3321	RES 3.32K 1% 0805	4 R33,R35-R36,R38
01-24-4751	RES 4.75K 1% 0805	3 R1,R5,R61
01-24-4752	RES 47.5K 1% 0805	1 R9
01-24-4990	RES 499R 1% 0805	1 R25
01-24-4991	RES 4.99K 1% 0805	1 R28
01-24-5R11	RES 5.11R 1% 0805	2 R62-R63
01-24-7500	RES 750R 1% 0805	2 R32,R34
01-25-0000	RES OR 1% 0603	1 R23
01-25-1001	RES 1.00K 1% 0603	3 R4,R6,R49
01-25-1002	RES 10.0K 1% 0603	4 R3,R10,R12-R13
01-25-2001	RES 2.00K 1% 0603	8 R22,R37,R39-R44
01-25-20R0	RES 20.0R 1% 0603	1 R59
01-25-4121	RES 4.12K 1% 0603	1 R47
01-25-4751	RES 4.75K 1% 0603	1 R2
01-25-47R5	RES 47.5R 1% 0603	6 R7-R8,R51,R55,R57,R68
01-25-5901	RES 5.90K 1% 0603	1 R52
01-25-6812	RES 68.1K 1% 0603	2 R48,R67
03-10-6108	CAP ELEC 1000uF 6.3V 20% RADIAL 8/11.5/5	2 C39,C53
03-12-1476	CAP ELEC 47uF 16V 20% RADIAL 5/7/5	1 C42
03-18-0105	CAP ELEC 1uF 50V 20% RADIAL 5/11/5	2 C47,C56
03-18-0106	CAP ELEC 10uF 50V 20% RADIAL 5/11/5	18 C36-C38,C40,C44,C46,C49-C51,C54-C55,C58-C61,C63-C65
03-50-0100	CAP NPO 10pF 50V 5% 0805	1 C45
03-50-0101	CAP NPO 100pF 50V 5% 0805	2 C66-C67
03-50-0102	CAP NPO 1nF 50V 5% 0805	2 C18,C23
03-50-0272	CAP NPO 2.7nF 50V 5% 0805	2 C33-C34
03-50-0391	CAP NPO 390pF 50V 5% 0805	4 C25,C30-C32
03-52-0104	CAP X7R 0.1uF 50V 10% 0805	16 C1-C3,C6,C8-C9,C11-C16,C21,C26,C28,C35
03-52-0332	CAP X7R 3.3nF 50V 10% 0805	1 C17
03-52-0473	CAP X7R 47nF 50V 10% 0805	16 C19-C20,C22,C24,C27,C29,C41,C48,C52,C57,C62,C68-C70,C4 C10
03-58-0104	CAP X7R 0.1uF 25V 10% 0603	2 C5,C7
06-23-0054	DIODE SCHOTTKY DUAL 30V 200mA 5nS SOT-23 SM	2 D3-D4
06-34-0031	DIODE GEN PUR DUAL 120V 600mA 50nS SOT-23 SM	2 D5-D6
09-00-4401	TRANS NPN SMALL SIGNAL 2N4401 TH	2 Q1-Q2
12-00-7808	IC REG +8V 1A TO-220 TH	1 010
12-02-0115	IC REG -15V 1.5AMP TO-220F TH	1 U13
12-02-1086	IC REG +3.3V TO-220 TH	1 09
12-02-7805	IC REG +5V 1.5 AMP TH	1 011
12-02-7815	IC REG +15V 1AMP TO-220 TH	1 014
12-54-0072	IC OP AMP DUAL TL072 SM	2 01,05
12-54-0084	IC OP AMP QUAD TL084CD SM	2 0.2-03
12-64-4528	IC CONVERTER 24BIT 96KHz AUDIO CODEC AK4528 SM	1 012
15-72-0002	IC SRAM 512K x 8 BIT TSOP32 SM	1 U6
15-86-6362	IC DSP 24 BIT AUDIO DSP56362 TQFP-144 SM	1 08
21-18-0002	TERMINAL SCREW PCB MOUNT RIGHT ANGLE SNAP-IN 6-32 THREAD	2 M3-M4
21-20-0202	HDR SIL PCB-MT 2 PIN x 2MM MAL E SHRD VERT MT TH	2 H1,H9
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1 H3
21-20-0204	HDR SIL PCB-MT 4 PIN x 2MM MAL E SHRD VERT MT TH	1 H8
21-20-0205	HDR SIL PCB-MT 5 PIN x 2MM MAL E SHRD VERT MT TH	2 H5-H6
21-20-0206	HDR SIL PCB-MT 6 PIN x 2MM MAL E SHRD VERT MT TH	1 H2
21-20-0210	HDR SIL PCB-MT 10 PIN x 2MM MA LE SHRD VERT MNT TH	1 H10
21-20-1563	HDR SIL PCB-MT 3 PIN x 3.96MM MALE VERT MNT FRIC LOCK	1 H7

	-		
21-20-2010	HDR DIL PCB-MT 10 PIN 2 x 5 x 100 MALE SHRD VERT	1	H4
35-00-0274	PCB MAIN ALL VALVE A16		
45-01-0037	IC PROGRAMMED MCU/FLASH V1.00 C/S 0X5D4FE8CA AV CALI A16	1	U7
15-84-0936	IC MCU 16KB FLASH P89LPC936 TS SOP-28 SM	1	U7
45-02-0045	IC PROGRAMIMED FLASH VX.XX C/S 0XXXXXXXXX AV COMBO A16	1	U4
15-78-0005	IC FLASH 512Kb SPI SERIAL SOIC -8 SM	1	U4
50-02-0275-1	Alchemist Speaker Out PCBA BOM		
Part Number	Description	Qty	Reference Designator(s)
50-02-0275-1	PCBA SPEAKER OUT ALL VALVE A16	1	
01-23-2700	RES WIREWOUND 270R 5W 5% TH	1	R2
03-58-0104	CAP X7R 0.1uF 25V 10% 0603	М	C1-C3
21-00-6617	JACK 1/4" TRS PCB MOUNT 6 PIN HORIZONTAL W/CHROME HRDWARE TH	m	3 12-14
21-20-3122	HDR SIL PCB-MT 2 PIN x 7.92MM MALE VERT MNT FRIC LOCK	1	1 H2
21-20-3124	HDR SIL PCB-MT 4 PIN x 7.92MM MALE VERT MNT FRIC LOCK	1	H
30-18-3030	CLIP GROUND PCB .30 x .30 x .0 7	Ж	GF1-GF3
35-00-0275-1	PCB SPEAKER OUT ALL VALVE A16	1	
50-02-0275-2	Alchemist XLR Input - FX Send/RETURN PCBA BOM		
Part Number	Description	Qtv	Reference Designator(s)
50-02-0275-2	PCBA XLR INPUT - FX SEND/RETU RN ALL VALVE A16	1	
01-49-0015	POT DIJAI 100KA ALIDIO TAPER 15M M TH	7	L8.
03-52-0104	CAP X7R 0.1 LF 50V 10% 0805	0	<u>.</u> [74-65
03-58-0104	CAD Y7D 0.1.15 25V 10% 0603	1 4	C - 1 C - 1
04 05 0004	FEB IT DISTRICT AND A 1 FOR OWN I GOOD) -	
04-05-0004	FERRILE BEAD 400MA 1500 UMH 0805	Т	14
11-10-2012	FERRITE BEAD 600R @ 100MHz 300 mA 0805 SM	9	6 L1-L3,L5-L7
21-00-6617	JACK 1/4" TRS PCB MOUNT 6 PIN HORIZONTAL W/CHROME HRDWARE TH	2	2 J5-J6
21-08-0002	JACK XLR FEMALE PCB MOUNT RT ANGLE W/NO RELEASE TAB TH	1	11
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1	1 H4
21-20-0204	HDR SIL PCB-MT 4 PIN x 2MM MAL E SHRD VERT MT TH	1	HS
30-18-3030	CLIP GROUND PCB .30 x .30 x .0 7	33	GF4-GF6
35-00-0275-2	PCB XLR INPUT - FX SEND/RETURN ALL VALVE A16	1	
50-02-0275-3	PCBA GUITAR INPUT ALL VALVE A16	1	
03-52-0104	CAP X7R 0.1uF 50V 10% 0805	1	92
11-10-2020	CHOKE WIDE BAND 1-5 TURNS	1	1 L8
21-00-6617	JACK 1/4" TRS PCB MOUNT 6 PIN HORIZONTAL W/CHROME HRDWARE TH	1	77
21-20-0202	HDR SIL PCB-MT 2 PIN x 2MM MAL E SHRD VERT MT TH	1	ЭН
30-18-3030	CLIP GROUND PCB .30 x .30 x .0 7	1	GF7
30-51-0146	SHIELD PCB MT FOR 1/4 JACK 1.00 Hx1.25Wx.013THK BERYL COP	1	SH1
35-00-0275-3	PCB GUITAR INPUT ALL VALVE A16	1	
50-02-0276	Alchemist UI Digital Section PCBA BOM		
Part Number	Description	Qty	Reference Designator(s)
50-02-0276	PCBA UI DIGITAL SECTION ALL VALVE A16	1	
01-24-1002	RES 10.0K 1% 0805	1	1 R8
01-24-1003	RES 100K 1% 0805	1	1 R5
01-24-2211	RES 2.21K 1% 0805	2	2 R19-R20
01-24-2432	RES 24.3K 1% 0805	1	1 R11
01-24-7500	RES 750R 1% 0805	1	R4
01-24-4752	RES 47.5K 1% 0805	2	2 R14-R15
01-25-2002	RES 20.0K 1% 0603	3	3 R9-R10,R17
01-25-4751	RES 4.75K 1% 0603	2	2 R12,R16
01-25-47R5	RES 47.5R 1% 0603	4	4 R6-R7,R13,R18
01-48-2254	POT SINGLE 250KB LINEAR 16MM D-SHAFT W-AXIS ANGLE TH	1	1 R2

03-10-0477	CAP ELEC 470uF 6.3V 20% RADIAL 6.3/11/5	1 C3
03-18-0106	CAP ELEC 10uP 50V 20% RADIAL 5/11/5	106
03-52-0104	CAP X7R 0.1uF 50V 10% 0805	3 C1-C2,C4
03-52-0473	CAP X7R 47nF 50V 10% 0805	2 C5,C7
06-23-0054	DIODE SCHOTTKY DUAL 30V 200mA 5nS SOT-23 SM	2 D3-D4
06-34-0016	DIODE SWITCHING 75V 200mA 6nS SOT-23 SM	2 01-02
09-10-4401	TRANS NPN SMALL SIGNAL SOT-23 SM	101
11-10-2012	FERRITE BEAD 600R @ 100MHz 300 mA 0805 SM	4 L1-L4
12-54-0072	IC OP AMP DUAL TL072 SM	1 0 1
21-20-0202	HDR SIL PCB-MT 2 PIN x 2MM MAL E SHRD VERT MT TH	1 H3
21-20-0210	HDR SIL PCB-MT 10 PIN x 2MM MA LE SHRD VERT MNT TH	1 H1
21-30-0004-1		1 H2
24-03-0211	SWITCH TOGGLE DPDT 3 POS 20V 0.4VA 8P SNAP IN SEALED	2
24-31-1105	SWITCH TACT 6MM SQ 4 PIN TH	1 SW1
30-27-0300-2	BUTTON 1.00 x .50 x .94 H ABS BLACK A16	
35-00-0276	PCB UI DIGITAL SECTION ALL VALVE A16 REV.C	
01-49-0018	POT DUAL 10KA AUDIO TAPER 16MM D-SHAFT W-AXIS ANGLE TH	1 R1
01-48-0014	POT SINGLE 10KA AUDIO TAPER 16MM D-SHAFT TH W-AXIS ANGLE	1 R3
50-02-0290	Alchemist Pre Amp PCBA BOM	
Part Number	Description	Otv Reference Designator(s)
50-02-0290	PCBA PRE AMP ALL VALVE A16	1
01-12-0000	RES CARBON FILM OR 1/4W 5% TH	8 JMP1-JMP2.R41.R47-R48.R51.R73.R121
01-12-0101	RES CARRON FILM 100R 1/4W, 5% TH	S RAA R86 R05 R111_R112
01 12 0102	DES CARBON FIRM 100 L/4W 3/6 III	1 pool 1
01-12-0102	RES CARBON FILM IN 1/4W 5% IT	I NOS
01-12-0103	RES CARBON FILM 10K 1/4W 5% TH	3 R56,R65,R81
01-12-0104	RES CARBON FILM 100K 1/4W 5% TH	4 R27,R31,R58,R88
01-12-0105	RES CARBON FILM 1/4W 5% TH	8 R4,R15,R40,R59,R69,R79,R87,R108
01-12-0124	RES CARBON FILM 120K 1/4W 5% TH	2 R26,R109
01-12-0132	RES CARBON FILM 1.3K 1/4W 5% TH	1 R1
01-12-0151	RES CARBON FILM 150R 1/4W 5% TH	3 R29,R34,R120
01-12-0162	RES CARBON FILM 1.6K 1/4W 5% TH	5 R13-R14,R22,R53,R70
01-12-0182	RES CARBON FILM 1.8K 1/4W 5% TH	2 R25,R46
01-12-0184	RES CARBON FILM 180K 1/4W 5% TH	2 R10,R54
01-12-0223	RES CARBON FILM 22K 1/4W 5% TH	1 R2
01-12-0224	RES CARBON FILM 220K 1/4W 5% TH	5 R52,R57,R66,R75-R76
01-12-0226	RES CARBON FILM 22M 1/4W 5% TH	3 R97-R99
01-12-0243	RES CARBON FILM 24K 1/4W 5% TH	2 R38,R63
01-12-0303	RES CARBON FILM 30K 1/4W 5% TH	2 R16-R17
01-12-0330	RES CARBON FILM 33R 1/4W 5% TH	1 R119
01-12-0334	RES CARBON FILM 330K 1/4W 5% TH	3 R74,R83,R90
01-12-0335	RES CARBON FILM 3.3M 1/4W 5% TH	1 R67
01-12-0373	RES CARBON FILM 37K 1/4W 5% TH	1 R39
01-12-0391	RES CARBON FILM 390R 1/4W 5% TH	1 R68
01-12-0392	RES CARBON FILM 3.9K 1/4W 5% TH	1 R62
01-12-0473	RES CARBON FILM 47K 1/4W 5% TH	2 R30,R60
01-12-0474	RES CARBON FILM 470K 1/4W 5% TH	8 R21,R24,R28,R72,R84,R92-R93,R100
01-12-0475	RES CARBON FILM 4.7M 1/4W 5% TH	1 R12
01-12-0510	RES CARBON FILM 51R 1/4W 5% TH	2 R6,R33
01-12-0620	RES CARBON FILM 62R 1/4W 5% TH	4 R18,R32,R35,R118
01-12-0621	RES CARBON FILM 620R 1/4W 5% TH	1 R82
01-12-0683	RES CARBON FILM 68K 1/4W 5% TH	2 R11,R113

01-12-0821	RES CARBON FILM 820R 1/4W 5% TH	3 R3,R49,R64
01-12-0824	RES CARBON FILM 820K 1/4W 5% TH	1 R42
01-17-0103	RES CARBON FILM 10K 1W 5% TH	3 R19,R36,R77
01-17-0104	RES CARBON FILM 100K 1W 5% TH	8 R8-R9,R20,R23,R43,R55,R61,R78
01-17-0224	RES CARBON FILM 220K 1W 5% TH	1 R37
01-17-0823	RES CARBON FILM 82K 1W 5% TH	1 R80
03-00-0222	CAP CER DISC 2200pF 1KV 10% TH 9.5/6/6.35	2 C26,C62
03-00-2223	CAP POLY FILM 22nF 600V 10% TH	3 C12,C15,C25
03-00-3102	CAP CER DISC 1000pF 1KV 10% TH 6.5/6/6.35	2 C53,C90
03-00-3470	CAP CER DISC SL 47pF 1KV 5% TH 6.5/6.0/6.35	2 C48,C65
03-00-3471	CAP CER 470pF 1000V 10% TH 6.5/6/6.35	3 C28,C51,C56
03-10-0106	CAP ELEC 10uF 10V 20% RADIAL 5/11/2	5 C10,C19-C20,C36,C45
03-22-0225	CAP ELEC 2.2uF 100V 20% RADIAL 5/11/2	1 C31
03-22-0226	CAP ELEC 22uF 450V 20% RADIAL 16/32/12.5	4 C13, C23, C34, C39
03-22-0335	CAP ELEC 3.3uF 100V 20% RADIAL 5/11/2	1 C7
03-23-0105	CAP ELEC 1uF 100V 20% LowZ 0.7R RADIAL 5/11/2	1 C9
03-24-0223	CAP MET POLY 22nF 250V 10% TH 10.3/4.4/7.5/7.5	3 C1-C2,C4
03-24-1224	CAP MET POLY 0.22uF 400V 10% 28/8.5/0.8	3 C5,C11,C22
03-24-1684	CAP MET POLY 0.68uF 100V 5% TH 18.0/5.5/10.5/15	1 C21
03-24-3104	CAP MET POLY 0.1uF 400V 10% TH AXIAL 20.5/8/0.8	3 C41,C44,C47
03-25-0103	CAP MET POLYPROP 0.01uF 400V 10% TH	3 C17,C37,C43
03-25-0104	CAP MET POLYPROP 0.1uF 250V 10%TH	1 C49
03-25-0223	CAP MET POLYPROP .022uF 630V 630V, 5% TH 13/5/11/10	1 C67
03-25-0471	CAP POLY-PROP 470pF 630V, 5% TH 10/3/8.5/7.5	1 C60
03-25-0474	CAP MET POLYPROP 0.47uF 400V 10% AXIAL TH	1 C46
03-25-6104	CAP MET POLYPROP 0.1uF 630V 10% TH 26/15/10/22.5	2 014,024
03-27-0103	CAP POLYESTER 0.01uF 400V 10% TH 20.3/14.7/7.1/9.5 ORANGE DR	1 C16
03-27-0503	CAP POLYESTER .047uF 400V 10% TH 20.3/16.5/10.4/9.5 ORANGE D	2 C35,C70
03-27-1223	CAP POLYESTER 0.022uF 400V 10% TH 20.3/7.87/16.5/9.5 ORANGE	2 033,C55
03-70-0050	CAP MICA STD DIPPED 5pF 500V 5% TH 9.1/4.8/8.4/3.6	1 C68
03-70-0120	CAP MICA STD DIPPED 12pF 500V 5% TH 9.1/4.8/8.4/3.6	1 C40
03-70-0220	CAP MICA STD DIPPED 22pF 500V 5% TH 9.1/4.8/8.4/3.6	1 C66
03-70-0330	CAP MICA STD DIPPED 33pF 500V 5% TH 9.4/4.8/8.6/3.6	1 C69
03-70-0470	CAP MICA STD DIPPED 47pF 500V 5% TH 9.4/4.8/8.6/3.6	1 C54
06-00-4148	DIODE SMALL SIGNAL 100V 300mA 4nS DO-35 TH	12 01-06,08-013
09-00-5401	TRANS PNP SMALL SIGNAL 2N5401 TH	1 02
12-12-0109	IC SWITCH ANALOG 1 600V 20109 TO-92 TH	1 01
21-18-0007	TUBE SOCKET BELTON VT9-PT	5 11-15
21-20-0202	HDR SIL PCB-MT 2 PIN x 2MM MAL E SHRD VERT MT TH	4 H3,H6-H7,H15
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1 H9
21-20-0214	HDR SIL PCB-MT 14 PIN x 2MM MA LE SHRD VERT MNT TH	1 H14
21-20-1562	HDR SIL PCB-MT 2 PIN x .156 MA LE VERT MNT FRIC LOCK	7 H1-H2,H4-H5,H10,H16-H17
21-20-3122	HDR SIL PCB-MT 2 PIN x 7.92MM MALE VERT MNT FRIC LOCK	3 18, 111-112
21-20-3125	HDR SIL PCB-MT 5 PIN x .312 MA LE VERT MNT FRIC LOCK	1 H13
24-15-0005	RELAY DPDT OMRON LOW SIGNAL G6A-234P-ST-US-DC5	1 K4
24-15-0007	RELAY SPST COTO TECHNOLOGY 9007-05-00 SPARTAN REED RELAY	4 K2,K7,K10-K11
24-15-0016	RELAY DPDT NEC MINIATURE SIGNL NON LATCH UC2-5NU CoilRes=178	9 K1,K3,K5-K6,K8-K9,K12-K14
35-00-0290	PCB PRE AMP ALL VALVE A16	1

50-02-0291	Alchemist Power Amp PCBA BOM	
Part Number		Qty Reference Designator(s)
50-02-0291	PCBA POWER AMP ALL VALVE A16	1
01-12-0184	RES CARBON FILM 180K 1/4W 5% TH	2 R6,R12
01-12-0222	RES CARBON FILM 2.2K 1/4W 5% TH	2 R4,R11
01-12-0223	RES CARBON FILM 22K 1/4W 5% TH	1 R5
01-12-0682	RES CARBON FILM 6.8K 1/4W 5% TH	1 R3
01-23-0100	RES WIREWOUND 10R 5W 5% TH	2 R1-R2
01-23-0471	RES WIREWOUND 470R 7W 5% TH	2 R7-R8
01-52-0503	POT TRIM 50K MULTI TURN TOP ADJ 9.53/6.10/10.03	2 R9-R10
03-22-0106	CAP ELEC 10uF 100V 20% 85C RADIAL 6.3/11/2.5	2 C1-C2
21-18-0009	TUBE SOCKET BELTON VT8-PTS 8 PIN TH OVAL MNT HOLE SHORT LL	2 11-12
21-18-0250	CONN TAB FAST TIN PCB .250" x .032" MALE TH	2 W1-W2
21-20-0012	HDR SIL PCB-MT 3 PIN x . 100 MA LE FRIC-LOCK VERT MNT TH	1 H2
21-20-3122	HDR SIL PCB-MT 2 PIN x 7.92MM MALE VERT MNT FRIC LOCK	1 H4
21-20-3125	HDR SIL PCB-MT 5 PIN x .312 MA LE VERT MNT FRIC LOCK	1 H3
30-00-0137	SCREW 4-40 x .3125 w/LK WASH PAN HD PHIL BLK	4
30-12-0011	STANDOFF HEX .250 4-40 F-F 0.500-IN AL	4
35-00-0291	PCB POWER AMP ALL VALVE A16	1
50-05-055	Alchemist Power Supply PCBA BOM	
Part Number		Qtv Reference Designator(s)
50-02-0292	R SUPPLY ALL VALVE A 16	1
01-16-0471	RES CARBON FILM 470R 1/2W 5% TH	2 R2.R5
01-17-0101	RES CARRON EI M 100R 1W 5% TH	2 R1 R4
7000 71 10	THE CADDON FILM 2007 11/1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
01-17-0224	RES CARBON FILM 220K IW 5% IR	4 K9-K12
UI-23-U5KU	RES WIREWOUND SK /W 5% IH	3 Kb-K8
01-52-0102	POT TRIM 1K SINGLE TURN TOP ADJ 6.75 x 6.75 x 7.75MM	1 R3
03-00-0222	CAP CER DISC 2200pF 1KV 10% TH 9.5/6/6.35	1 C4
03-00-1102	CAP CER DISC Y-CAP InF 250VAC 20% 8D/7/7.5	2 C1-C2
03-10-0689	CAP ELEC 68000uF 10V 20% RADIAL 35/40/10	1 C7
03-16-0478	CAP ELEC 4700uF 35V 20% 105C RADIAL 18/35.5/7.5	1 C6
03-18-0108	CAP ELEC 1000uF 50V 20% FC RAD IAL	1 C11
03-22-0826	CAP ELEC 82uF 400V 20% RADIAL 25.4/25/10 SNAP IN	2 C9-C10
03-22-1686	CAP ELEC 68uF 400V 20% RADIAL 25/20/10 SNAP IN	2 C8,C12
03-23-0101		1 C5
03-41-0224	CAP X-CAP 0.22uF 275VAC 20% POLYPROYPYLENE 18/9.5/17.5/15	1 C3
06-01-4007	DIODE RECTIFIER 1N4007 1KV 1A DO-41 TH	9 D1-D4,D6,D8-D11
06-16-0008	DIODE BRIDGE RECTIFIER 600V 8A 4 PIN SIL TH	1 D5
06-16-0101	DIODE BRIDGE RECTIFIER 50V 1A 4 PIN DB-1 TH	1 D7
11-10-2020	CHOKE WIDE BAND 1-5 TURNS	2 L1-L2
11-30-0032	XFMR 330VAC-55VAC @ 25mA	1 71
21-18-0250	CONN TAB FAST TIN PCB .250" x .032" MALE TH	2 W1,W6
21-20-1563	HDR SIL PCB-MT 3 PIN x 3.96MM MALE VERT MNT FRIC LOCK	1 H12
21-20-1564	HDR SIL PCB-MT 4 PIN x .156 MA LE VERT MNT FRIC LOCK	1 H4
21-20-3122	HDR SIL PCB-MT 2 PIN x 7.92MM MALE VERT MNT FRIC LOCK	5 H1-H3,H8-H9
21-20-3123	HDR SIL PCB-MT 3 PIN x 7.92MM MALE VERT MNT FRIC LOCK	3 H5-H6,H10
21-20-3125	HDR SIL PCB-MT 5 PIN x .312 MA LE VERT MNT FRIC LOCK	1 H11
21-34-0106	CBL SIL 9-PIN/5 COND 18AWG 3.96 MULTI 2-COND/3-S/T	1 POWER AMP H3 TO PREAMP H11
21-48-0520	FUSE CLIP PCB MNT FOR 5 x 20MM	2 CL1-CL2
21-48-2071	HOLDER FUSE CLIP BARREL 3AG / 3AB 0.25"(6.3mm) FUSE DIAMETER	2 CL3-CL4
24-19-0010	FUSE 1.0A 250V SLOW BLOW 3AG	1 F1 (CL3 TO 4)

24-19-8251	FUSE 8.0A 250V 5MMx20MM SLOW BLOW	1	1 F3 (CL1 TO 2)
35-00-0292	PCB POWER SUPPLY ALL VALVE A16	1	
50-02-0293	Alchemist Analog UI PCBA BOM		
Part Number	Description	Qty	Reference Designator(s)
50-02-0293	PCBA ANALOG UI ALL VALVE A16	1	
01-12-0101	RES CARBON FILM 100R 1/4W 5% TH	1	1 R31
01-12-0103	RES CARBON FILM 10K 1/4W 5% TH	1	1 R22
01-12-0104	RES CARBON FILM 100K 1/4W 5% TH	3	3 R6,R23,R28
01-12-0105	RES CARBON FILM 1M 1/4W 5% TH	1	1 R30
01-12-0124	RES CARBON FILM 120K 1/4W 5% TH	1	1 R8
01-12-0162	RES CARBON FILM 1.6K 1/4W 5% TH	1	1 R21
01-12-0220	RES CARBON FILM 22R 1/4W 5% TH	1	1 R1
01-12-0224	RES CARBON FILM 220K 1/4W 5% TH	1	1 R9
01-12-0274	RES CARBON FILM 270K 1/4W 5% TH	2	2 R25,R27
01-12-0334	RES CARBON FILM 330K 1/4W 5% TH	1	1 R26
01-12-0471	RES CARBON FILM 470R 1/4W 5% TH	2	2 R4,R24
01-12-0472	RES CARBON FILM 4.7K 1/4W 5% TH	1	1 R3
01-12-0683	RES CARBON FILM 68K 1/4W 5% TH	1	1 R7
01-12-0684	RES CARBON FILM 680K 1/4W 5% TH	1	1 R5
01-48-0011	POT SINGLE 250KA AUDIO TAPER 16MM D-SHAFT TH W-AXIS ANGLE	1	1 R17
01-48-0504	POT SINGLE 500KB LINEAR 16MM D-SHAFT TH	1	1 R12
01-48-1105	POT SINGLE 1MB LINEAR 16MM D-SHAFT TH	2	2 R11,R15
01-48-1254	POT SINGLE 250KB LINEAR 16MM D-SHAFT TH	1	1 R14
01-48-2253	POT SINGLE 25KA AUDIO 16MM D-SHAFT TH	1	1 R18
01-48-3105	POT SINGLE 1MA AUDIO 16MM D-SHAFT TH	1	1 R16
01-48-3254	POT SINGLE 250KA AUDIO 16MM D-SHAFT TH	1	1 R20
01-48-4104	POT SINGLE 100KB LINEAR 16MM D-SHAFT TH	1	1 R13
01-49-1105	POT DUAL 1MB LINEAR TAPER 16MM D-SHAFT TH	1	1 R19
03-00-0821	CAP CER DISC 820pF 1KV 10% TH 6.5/6/6.35	1	1
03-24-2104	CAP MET POLY 0.1uF 400V 10% TH WIMA	1	1
03-24-2223	CAP MET POLY 22nF 630V 5% TH AXIAL 16.5/7/7/22.5	2	2 C1,C5
03-25-0102	CAP POLYPROP 1000pF 630V , 5% TH 10/3/8.5/7.5	1	1 C7
03-25-0471	CAP POLY-PROP 470pF 630V, 5% TH 10/3/8.5/7.5	2	2 c2,c4
03-25-0472	CAP MET POLYPROP 0.0047uF 1600V, 10% TH 19/9.5/15.5/15	1	1 C3
03-25-0473	CAP MET POLYPROP 0.047uF 400V 10% TH 13/11/7.5/10	1	1 C10
03-70-0221	CAP MICA STD DIPPED 220pF 500V 5% TH 11.7/5.1/9.7/5.9	1	1 C13

0000	Outside of a least and a recollect will a least of a least		
03-70-0271	CAP MICA STD DIPPED 2/0pt 500V 5% 1H 11.9/5.3/9.9/5.9		C6 50 50 50 50 50 50 50 50 50 50 50 50 50
10 00 0000 10 00 0000	DIODE SWIALL SIGNAL TOUV SOUTH 4113 DO-53 TH	0 5	01,03,03-07,03
18-02-0002	LED NEU DIFFUSEU LENS SV 1-1 SIVINI SSSIIIVI I II	1 7	
T8-03-0003	LED BLUE 1-1 SIMIM SOLID STATE LAIMP WATER CLEAR TH	ī	
18-04-0001	LED GREEN SUPER BRIGHT TH	1	
21-20-0202	HDR SIL PCB-MT 2 PIN x 2MM MAL E SHRD VERT MT TH	1	Н4
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1	H5
21-20-0205	HDR SIL PCB-MT 5 PIN x 2MM MAL E SHRD VERT MT TH	1	H2
21-20-1562	HDR SIL PCB-MT 2 PIN x .156 MA LE VERT MNT FRIC LOCK	9	Н3,Н6-Н10
21-30-0055-1	CBL SIL 14 COND 26AWG 2MM 3.0" S/T	1	
21-34-0084-1	CBL SIL 5 COND 22AWG .1" PITCH x 1.5" TINNED ENDS 300V 105C	1	
24-03-0200	SWITCH TOGGLE DPDT 120V SA 6P 1.27 PC TERMINAL THREAD MNT	2	
24-03-0210	SWITCH TOGGLE DPDT 2 POS 20V 0.4VA 8P SNAP IN SEALED	9	
24-15-0007	RELAY SPST COTO TECHNOLOGY 9007-05-00 SPARTAN REED RELAY	1	K1
24-15-0016	RELAY DPDT NEC MINIATURE SIGNL NON LATCH UC2-5NU CoilRes=178	1	K2
30-15-0029	SPACER LED .160 H x .170 O.D. PLASTIC LH-5-4	3	
35-00-0293	PCB ANALOG UI ALL VALVE A16	1	
59-00-1807	Alchemist Footswitch BOM		
Part Number	Description	Qty	Reference Designator(s)
59-00-1807	ASSY UNIT COMPLETE FOOTSWITCH AV COMBO A16	1	
21-34-0103-2	CBL SIL 3 COND 26AWG 2MM 3" F-F WHITE	1	
30-00-9813	SCREW 4-40 x 0.250" FLAT-HD STEEL BLACK-OXIDE	9	
30-03-0017	WASHER 15.9 x11.9x .53mm STEEL NICKEL	4	
30-21-0013	LED RETAINING CLIP PLASTIC BLACK A16	4	
30-48-0010	FOOT RUBBER W/ADHESIVE 3M RUMPON SI-5012 (OR FOLIIV)	9	
30-51-0324	CHASSIS BOTTOM FT SW 12.5 x 3.2 x 1.6 GAI VANIZED STEEL 416) (
30-51-0325	CHACKIC TOD ET CW 125 x 33 x 16 GAI VANIZED STEEL A16	1 -	
41-00-0175	ARTWORK SII KCREEN CHASSIS FOOTSWITCH AN A16	1 -	
70 02 0400 4	ALTERNATION DESCRIPTION OF THE PROPERTY OF THE	1	
Dart Number	Alchemist Footswitch Main PubA Bolm	740	Rafaranca Dacionator(c)
		7	
50-02-0109-1	PCBA FOU ISWITCH MAIN A 16	Ţ	
01-36-0100	RES CARBON FILM 10K 1/4W 1% TH		R10
01-36-1001	RES CARBON FILM 1K 1/4W 1% TH		R2,R9,R11-R12
01-36-2001	RES CARBON FILM 2K 1/4W 1% TH		R1,R3,R5,R7,R13
01-36-2002	RES CARBON FILM 20K 1/4W 1% TH	1	R4
01-36-7501	RES CARBON FILM 7.5K 1/4W 1% TH		8,R6
03-24-1104	CAP MET POLY 0.1uF 100VDC 5% TH 4.5/7.5/7/5	2	C1-C2
18-00-1503	LED RED SUPER BRIGHT 11 3/4 5M M TH	2	D2-D3
18-03-0002	LED BLUE DIFFUSED T-1 3/4 5MM 465nM TH	1	D2
18-06-0001	LED BI COLOR GRN/AlGaAs/RED TH	1	01
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1	H1
24-01-0000	SWITCH LATCHING PUSH BUTTON DP DT 6 PIN DIL TH	4	SW1-SW4
30-15-0740	SPACER LED 0.74 H x 0.255 O.D BIVAR ELM 3-740	4	D1-D4
35-00-0046-1	PCB FOOT SWITCH A16 MAIN	1	
50-02-0109-2	Alchemist Footswitch Switch PCBA BOM		
Part Number	Description	Qty	Reference Designator(s)
50-02-0109-2	PCBA FOOTSWITCH XLR A16	1	
21-08-0013	JACK XLR MALE PCB MOUNT RIGHT ANGLE TH	1	11
21-20-0203	HDR SIL PCB-MT 3 PIN x 2MM MAL E SHRD VERT MT TH	1	Н2
30-18-3030	CLIP GROUND PCB .30 x .30 x .0 7	1	GF1
35-00-0046-2	PCB FOOT SWITCH A16 XLR	1	