

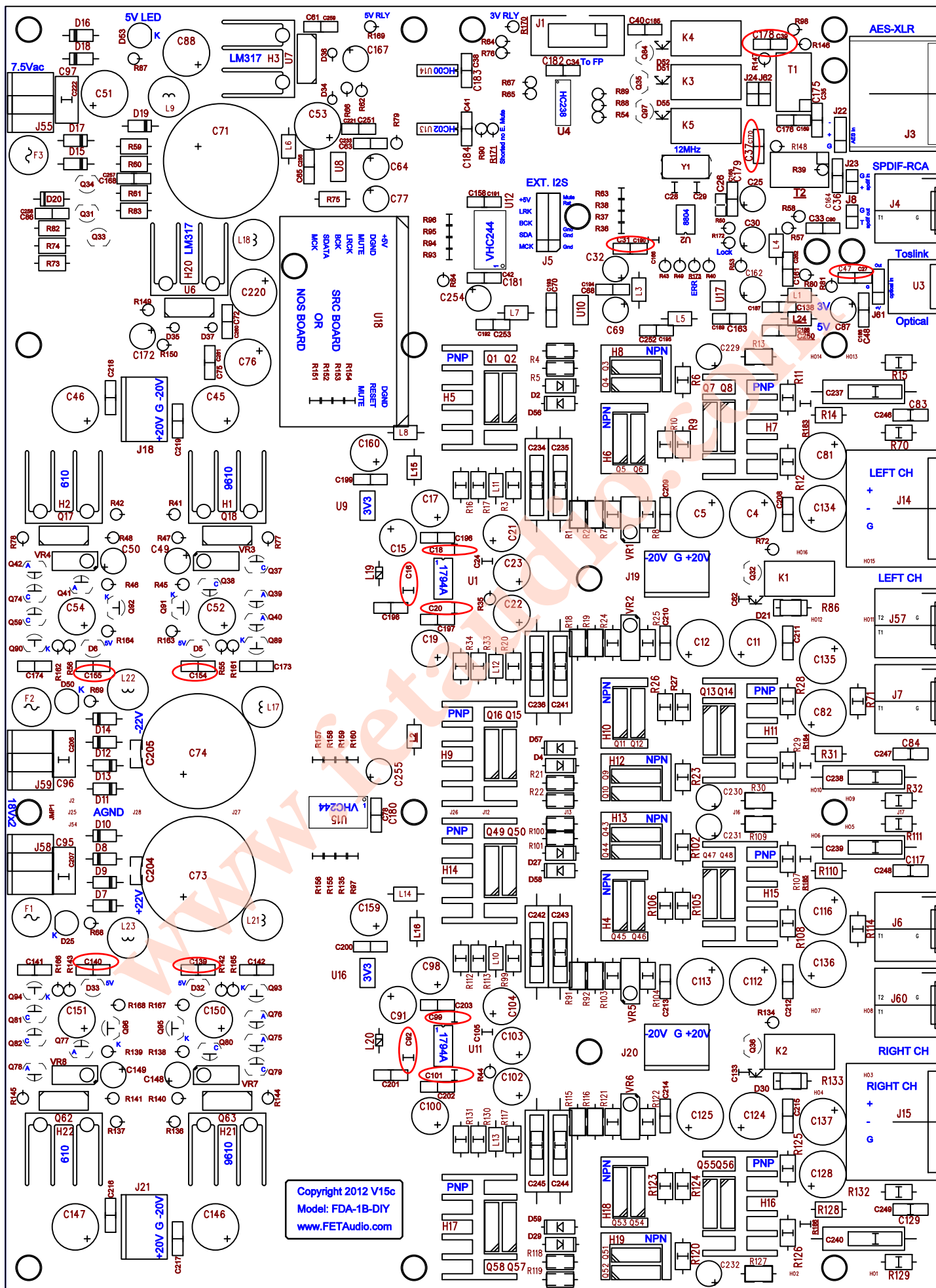
Item	Reference	Value	Qty	PCB DECAL
FDA-1B DAC main board				
2	Q1-2 Q7-8 Q13-16 Q47-50 Q55-58	KSA1220AYS	16	TO-2-8H1A
4	Q3-6 Q9-12 Q43-46 Q51-54	KSC2690AYS	16	TO-2-8H1A
6	T1	51698-LF3 pulse trans	1	51698-LF3
7	T2	NC	1	51698-LF3
8	U14	74HC00D	1	SO14
9	U13	74HC02D	1	SO14
10	U4	74HC238D	1	SO16NB
11	U12 U15	74VHC244M	2	SO20WB
12	Q37-38 Q59 Q74 Q79-82	KSC1845F	8	TO-92D
13	Q39-42 Q75-78	KSA992F	8	TO-92D
14	D7-19	BYV27-150	13	DO35
15	C16 C18 C20 C27 C39 C92 C99 C101 C139-140 C154-155 C170 C190	0.01u 25V 0603	14	0805S
16	C37 C31 C178 C47	NC	4	CK06
17	C24 C34-35 C38 C41-42 C62 C78 C90 C105 C133 C141-142 C164-166 C169 C173-174 C185-189 C191-203 C206-219 C221-222 C233 C246-249 C256 C259-262	0.1u 50V 0603	63	0805S
18	C183-184 C33 C48 C61 C138 C40 C63 C158 C161 C163 C65 C68 C70 C72 C75 C36 C175 C251-253 C176 C179-182	NC	26	CK06
19	C237-240	1500p 50V 0805	4	0805S
20	C28-29	15p 50V 0603	2	0805S
21	C26	1u 6.3V 0805	1	0805
22	C86 C168	NC	2	CK06
23	C257-258	470pF 50V 0603	2	0805S
24	C234-236 C241-245	6800p 50V 0805	8	0805S
25	C250	NC	1	CK06
26	C204-205	0.047u250V 1206	2	1206
27	C171 C177 C223-228	NC	8	1206
28	C71	10000u 16V SU	1	CX-P10X25MM
29	C64 C69 C162	100u 6.3V OS-con	3	279B-01
30	C4-5 C11-12 C45-46 C76 C81-82 C112-113 C116 C124-125 C128 C134-137 C146-147	100u 35V Silmic II	21	ECAP-A-5X10MM
31	C30 C49-50 C77 C87 C148-149 C167 C172	12u 35V FC	9	279B-01
32	C52 C54 C150-151	120u 25V FC	4	ECAP-3X8MM
33	C229-232	NC	4	279B-01
34	C51 C53 C88 C220	470u 16V FA	4	ECAP-3X8MM
35	C25 C32 C254-255	47u 6.3V OS-con	4	279B-01
36	C15 C17 C19 C21-23 C91 C98 C100 C102-104 C159-160	47u 6.3V Silmic II	14	ECAP-3X8MM
37	C73-74	5600u 35V Audio	2	CX-P10X25MM
38	C95-97	NC	3	CFR04R-B1
48	J1	2x5 Male HD	1	HD-10V
49	J8 J24 J62	2x1 female HD	3	SIP-2P
50	J23	2x1 male HD	1	SIP-2P
51	J55 J58-59	2x3.96mm male Connector	3	CON_P2
53	J22 J61	3x1 male HD	2	SIP-3P
54	J18-21	6 x 150mm Con Wire	6	CON_P3_508
55	U18	SRC Module board IC 7-pin socket M + F	4	CS8421_SRC
56	D34-37	1N4007	4	R1/8WA
57	D20	1N4148	1	DO_MINI
58	D21 D30 D51-52 D55	1N4148	5	DIODE_V
60	D56-59	BAT85S or BAS85	4	MLL34
62	F1-3	2A T type	3	FUSE-5MM
64	J5	2x5 female HD	1	HEADER10
65	H4 H6 H8 H10 H12-13 H18-19	10x15x21mm Heat sink	8	HEATSINK_MINI
66	H5 H9 H14 H17	16x24x21mm Heat sink	4	HS_900_635MIL
67	H7 H11 H15-16	16x24x30mm Black Heat sink	4	HS_900_635MIL
68	H1-3 H20-22	16x16x25mm Black Heat sink	6	HEATSINK_630X630X100 0MIL
70	L9 L18	1mH 500mA Inductor	2	IND-R-5MM
71	L1	47uH 100mA	1	IND-MOLDED_400MIL
72	L3-8 L10-17 L21-23	Bead	17	IND-MOLDED_400MIL
73	L19-20	Bead	2	IND-MOLDED_300MIL
74	L2	NC	1	IND-MOLDED_400MIL
75	L24	NC	1	IND-MOLDED_400MIL
76	Q17 Q62	IRF610	2	IRF610-GDS
77	Q18 Q63	IRF9610	2	IRF9610-GDS
78	Q89-96	K30A-Y	8	TO-92D
79	D25 D50 D53	LED TH Green	3	LED
80	D5-6 D32-33	LM336-5	4	TO-92D
81	U6-7	LM317T	2	TO-220-UP
82	U8-10 U16-17	AMS1117-3.3V	5	SOT223
84	Q31-36 Q84 Q97	KSC1815	8	TO-92D
86	U1 U11	PCM1794A	2	SSOP28
88	J4 J6-7	RCA H G/R/W color	3	RCA_JF2A
89	R39 R169	0R - Jumper	2	R1/8W
90	R172	0R - Jumper	1	R1/4WA
91	R66 R77-78 R144-145 R150 R161-168	100R	14	R1/4WA
92	R81 R146-147	10R	3	R1/4WA
93	R35 R44	10k	2	R1/4WA
94	R43 R40 R49-50 R68-69	10k	6	R1/4WA
95	R60-61 R73-74 R82	10k	5	R1/8W
96	R58	110R	1	R1/4WA
97	R47-48 R140-141	15k	4	R1/4WA
98	R57	210R	1	R1/4WA
99	R62 R149	301R	2	R1/4WA
100	R41-42 R53 R65 R67 R79-80 R84 R90 R136-137	47k	11	R1/4WA
101	R75	47k	1	R1/8W
102	R45-46 R72 R87 R134 R138-139	4k7	7	R1/4WA
103	R59 R83	4k7	2	R1/8W
104	R54-56 R64 R76 R88-89 R142-143	680R	9	R1/4WA
105	R148	75R	1	R1/8W
106	R98	90.9R	1	R1/4WA
120	R70-71 R114 R132	100k	4	R1/8W
121	R3 R20 R99 R117	10k	4	R1/8W

Item	Reference	Value	Qty	PCB DECAL
122	R13 R30 R109 R127	120R	4	R1/8W
123	R15 R32 R111 R129	150R	4	R1/8W
124	R10 R12 R27 R29 R106 R108 R124 R126	1k21	8	R1/8W
125	R7-8 R24-25 R103-104 R121-122	3k32	8	R1/8W
126	R6 R23 R102 R120	3k01	4	R1/8W
127	R86 R133	475R	2	R1/8W
128	R1-2 R18-19 R91-92 R115-116	475R	8	R1/8W
129	R14 R31 R110 R128	49R9	4	R1/8W
130	R16-17 R33-34 R112-113 R130-131	4R02	8	R1/8W
131	R4-5 R21-22 R100-101 R118-119	562R	8	R1/8W
132	R9 R11 R26 R28 R105 R107 R123 R125	82R5	8	R1/8W
133	K1-2	EC2-12V NED	2	RLY-NEC-EC2
134	K3-5	TX2-5V Panasonic	3	RLY-NEC-EC2
135	U3	TORX147L, or TORX177L	1	TORX147 OK
136	VR1-2 VR5-6	VR 500R 10T 501	4	VRES-TOP-ADJ
137	VR3-4 VR7-8	VR 5k 10T 502	4	VRES-TOP-ADJ
138	U2	WM8804	1	SSOP20-1
139	J14-15	NC3MAA-H1 XLR male	2	XLR-MALE
140	J3	NC3FAA-H2 XLR female	1	XLR_FEMALE_G
141	Y1	12MHz SMT	1	XTAL_HC49SMT
143	D2 D4 D27 D29	1N4736A 6V8 zener	4	DO_MINIS
145	PCB Main Board	FDA-1B-DIY-V15c	1	8x11 in FR4
146	NOS pcb	NOS BD PCB	1	NOS pcb
147	NOS Pcb Mount	M3x5mm Screw	2	NOS Mount
148	NOS Pcb Mount	M3 x 8mm spacer	1	NOS Mount
149	H1 to H22	M3 x 10mm Screw	22	Heatsink mount
150	H1 to H22	M3 spring washer	24	Heatsink mount
151	H1-3 H20-22	M3-R insulation washer	6	Heatsink mount
152	H1-3 H20-22	Mica TO-220	6	Heatsink mount
FRONT PANEL CONTROL BOARD				
2	U2	74HC14D	1	SO14NB
3	U1	74HC138D	1	SO16NB
4	U4	74HC191D	1	SO16NB
6	C1-5	0.1u 50V 0603	5	0805
7	C8	1u 0805	1	0805
8	C7 C9	100u 10V or 16V	2	279B-01
12	J1	2x5 2.5mm male connector	1	HD-10V
13	J2	2.5mm male HD	1	SIP-2P
17	U3	FM1106	1	SOT-23
19	D1-4 D6-7	LED Green	7	LED
20	D5	LED Red	1	LED
26	R1 R6 R9	27k	3	0805
27	R2-5 R8 R15	680R	6	0805
31	FP V7.1 pcb	FP V7.1 pcb	1	FP PCB
32	Mounting screws	Screw M3x5mm	8	
33	Mounting Spacer	Spacer M3x8mm threaded	8	
34	Flat cable 10 pin	12 inches	1	
35	5x2 2.54mm plug for flat cable	5x2 header plug	2	
36	Push Switch	Push SW	1	
37	Push SW wires with connector and socket	Wire 200mm	1	
38	I2S daughter board	TBD	0	

SMD parts

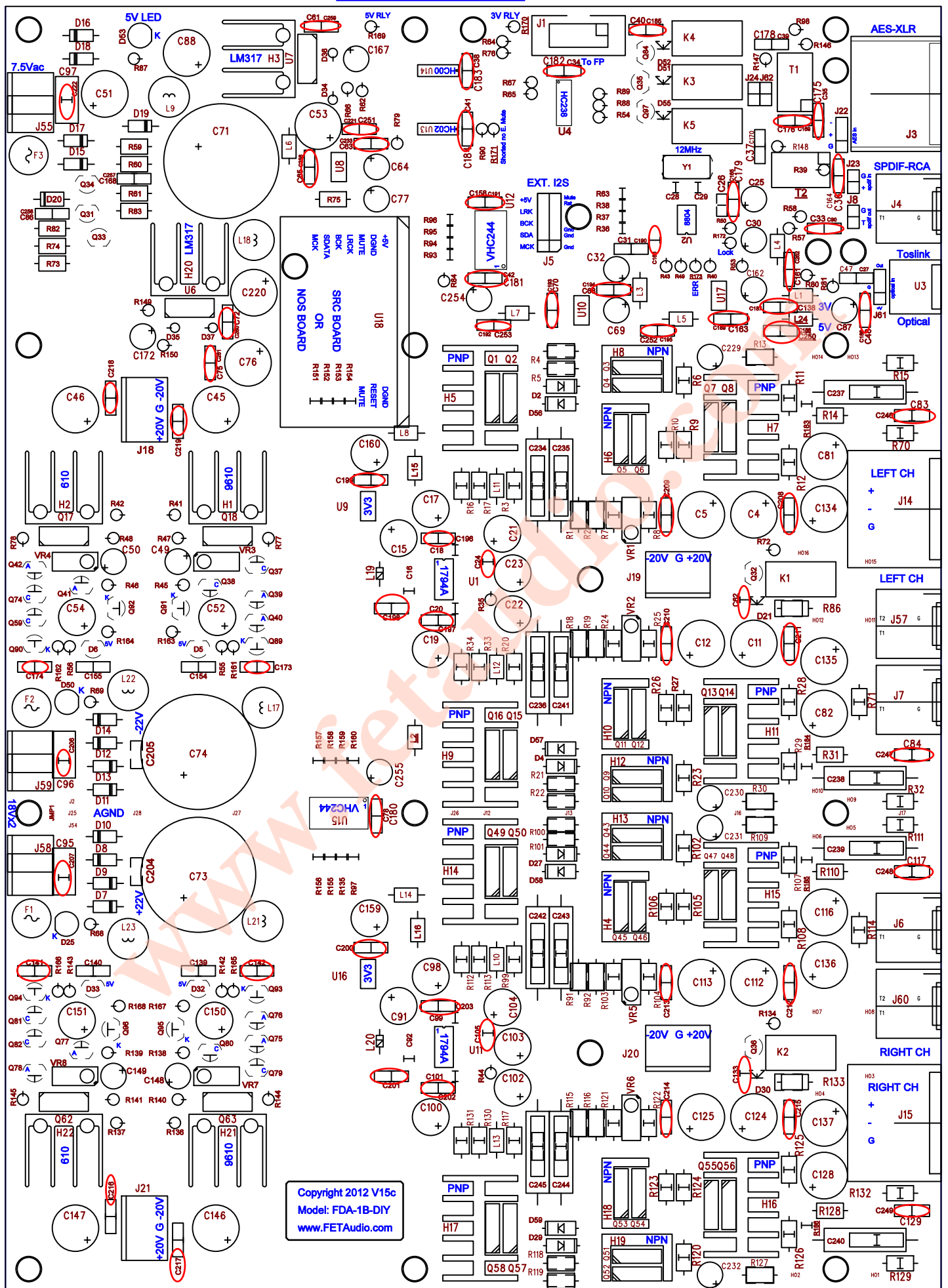


0.01uf x 14 pcs

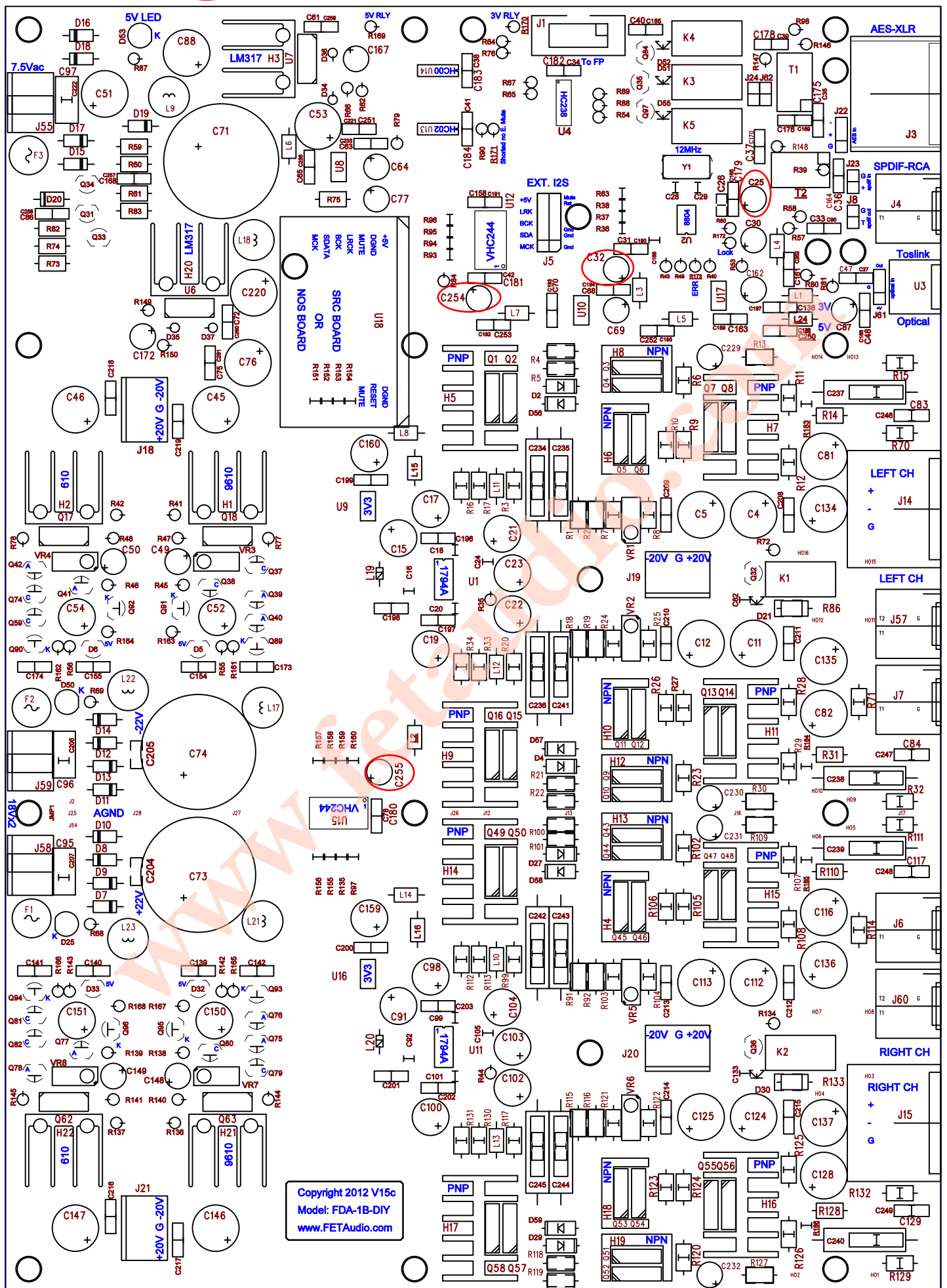


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0.1u x 63

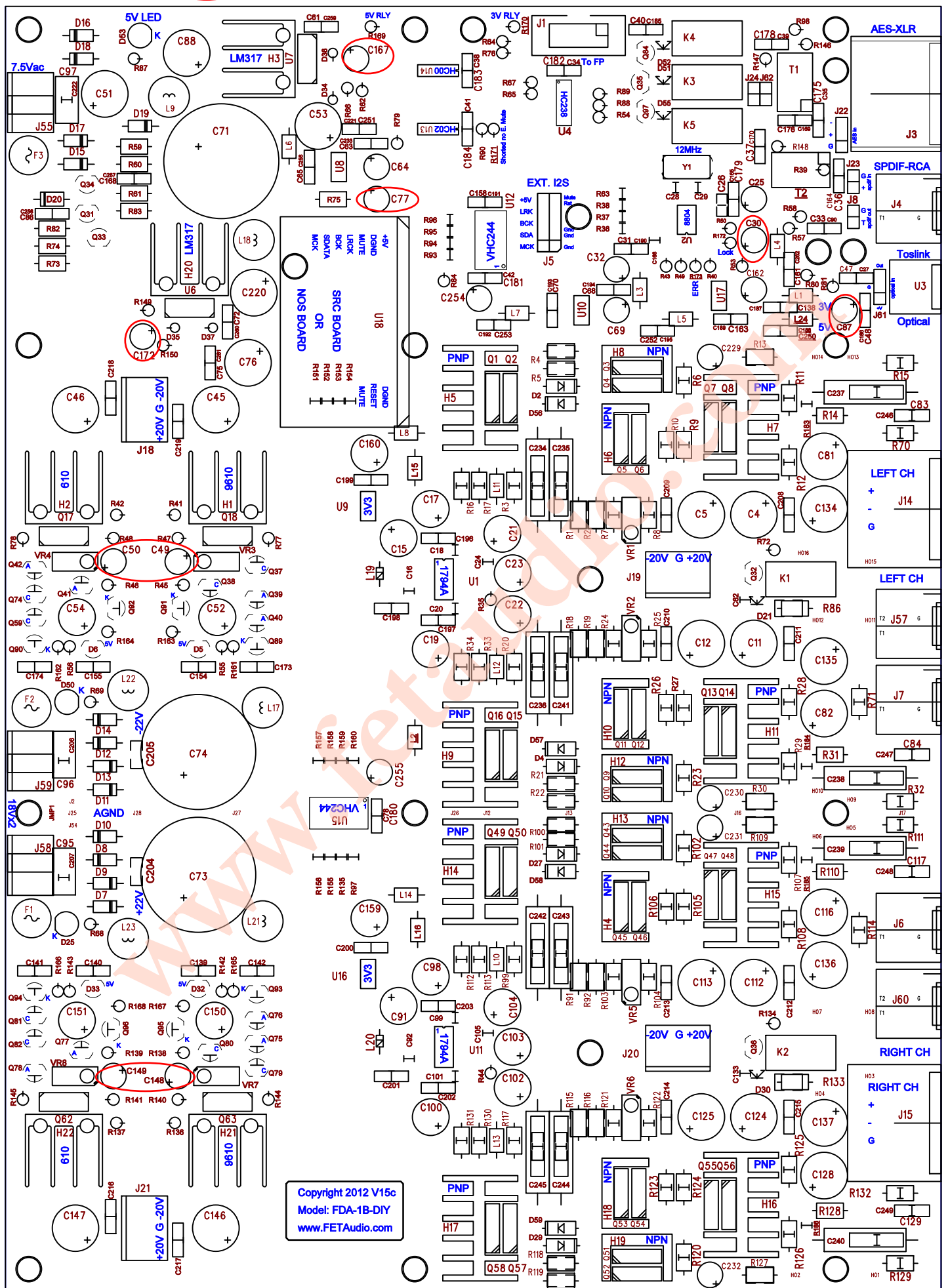


47u 6.3v x 4

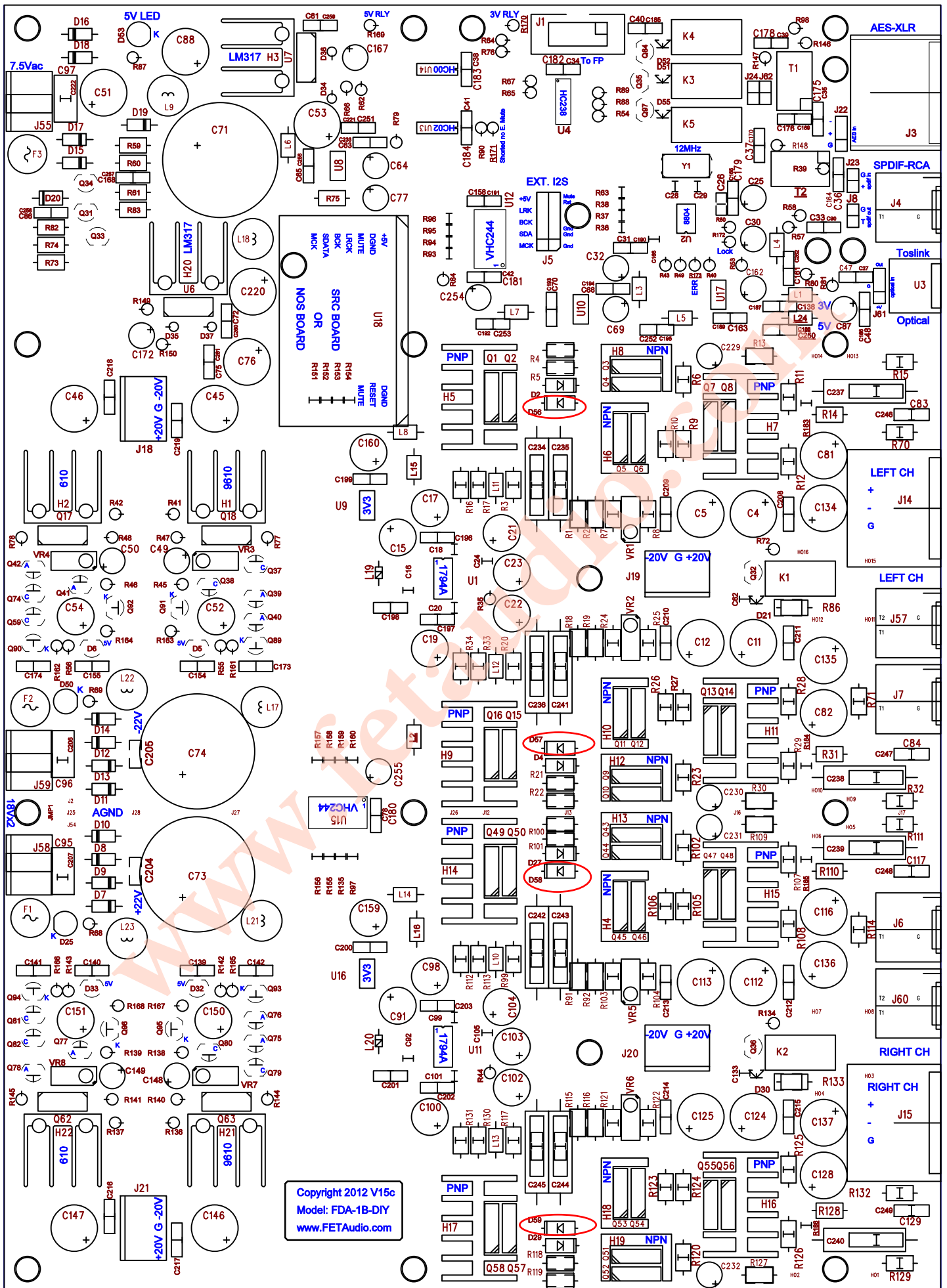




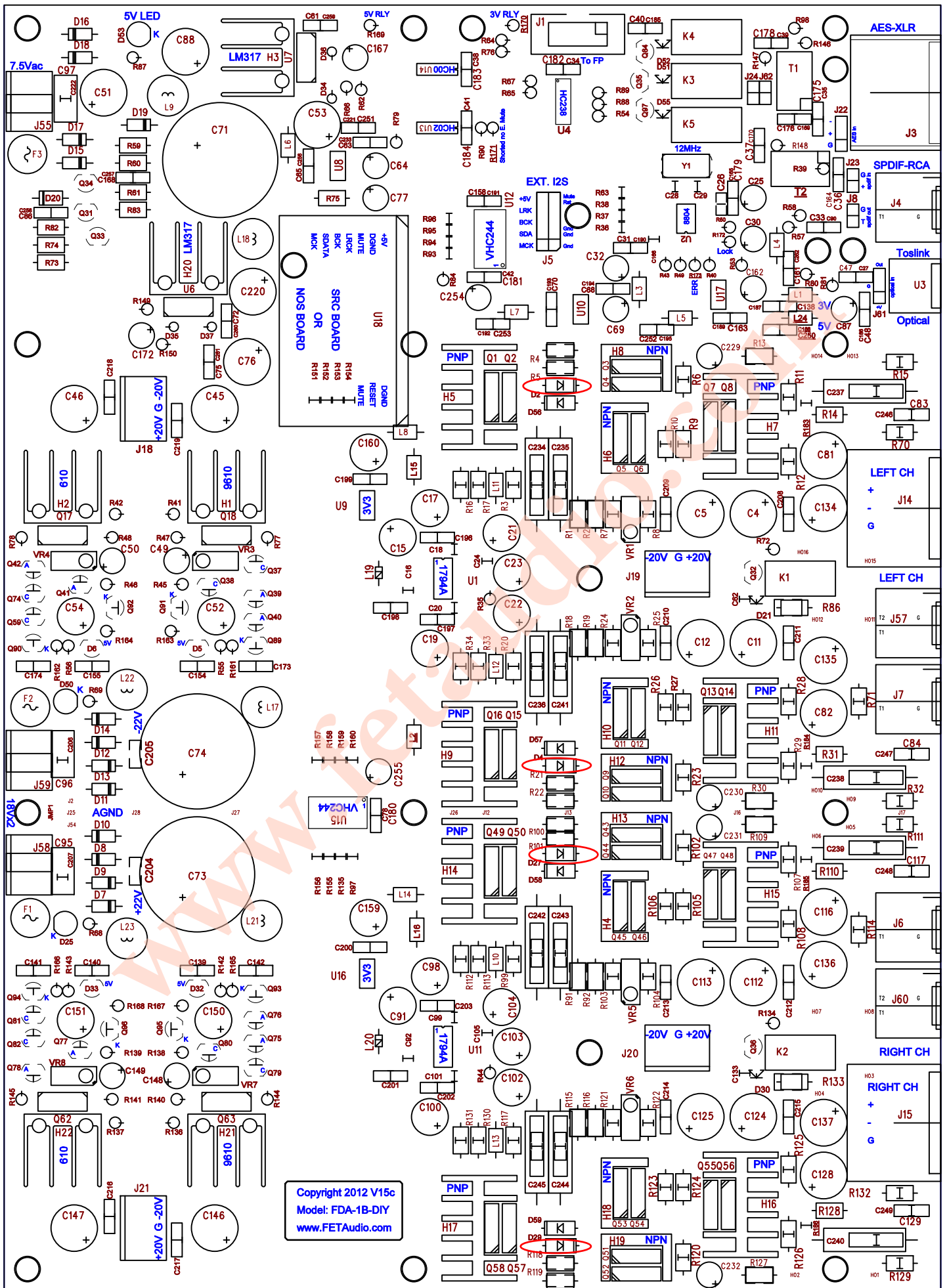
12u 35v x 9



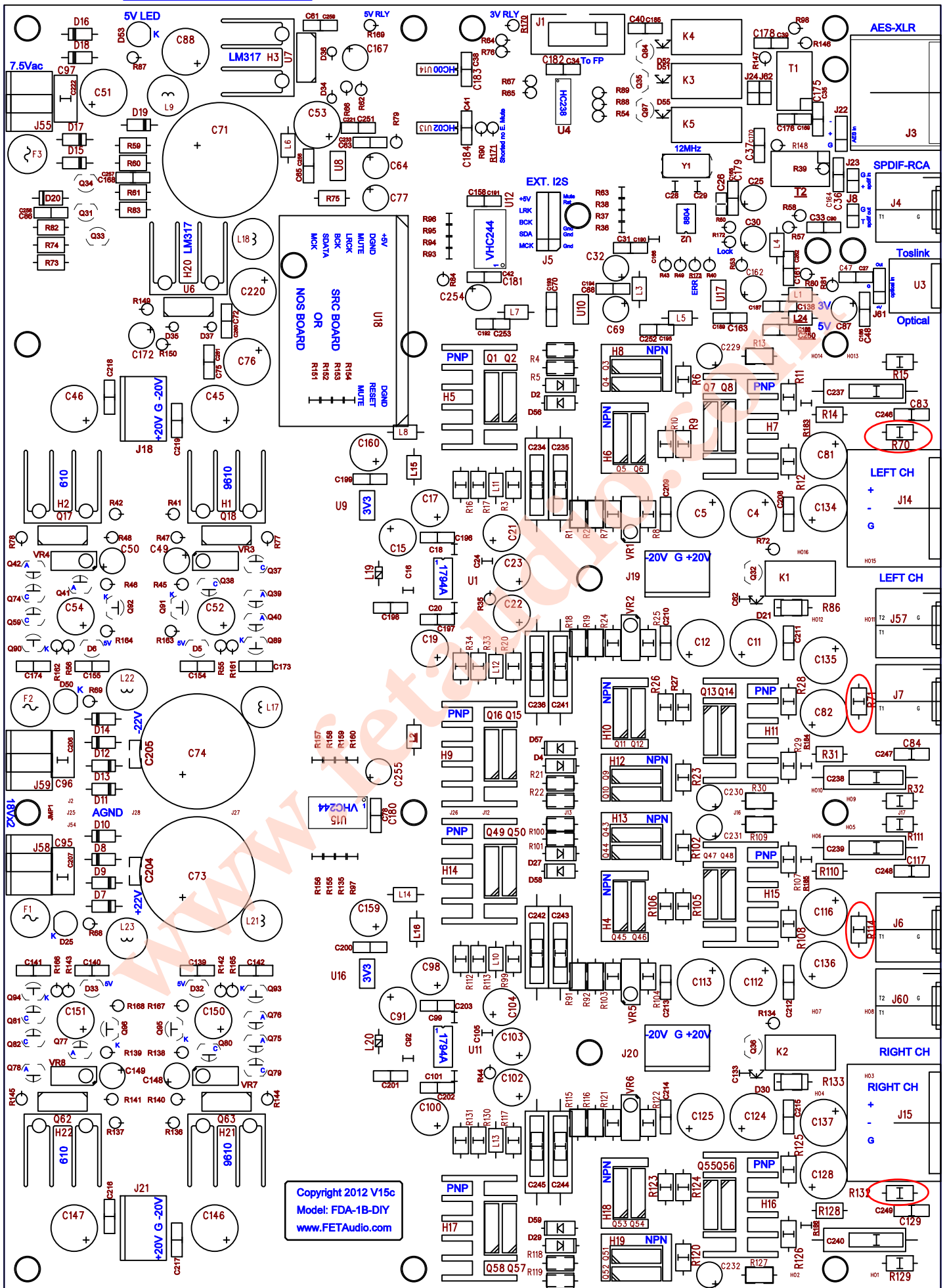
BAT85S or BAS85 x 4



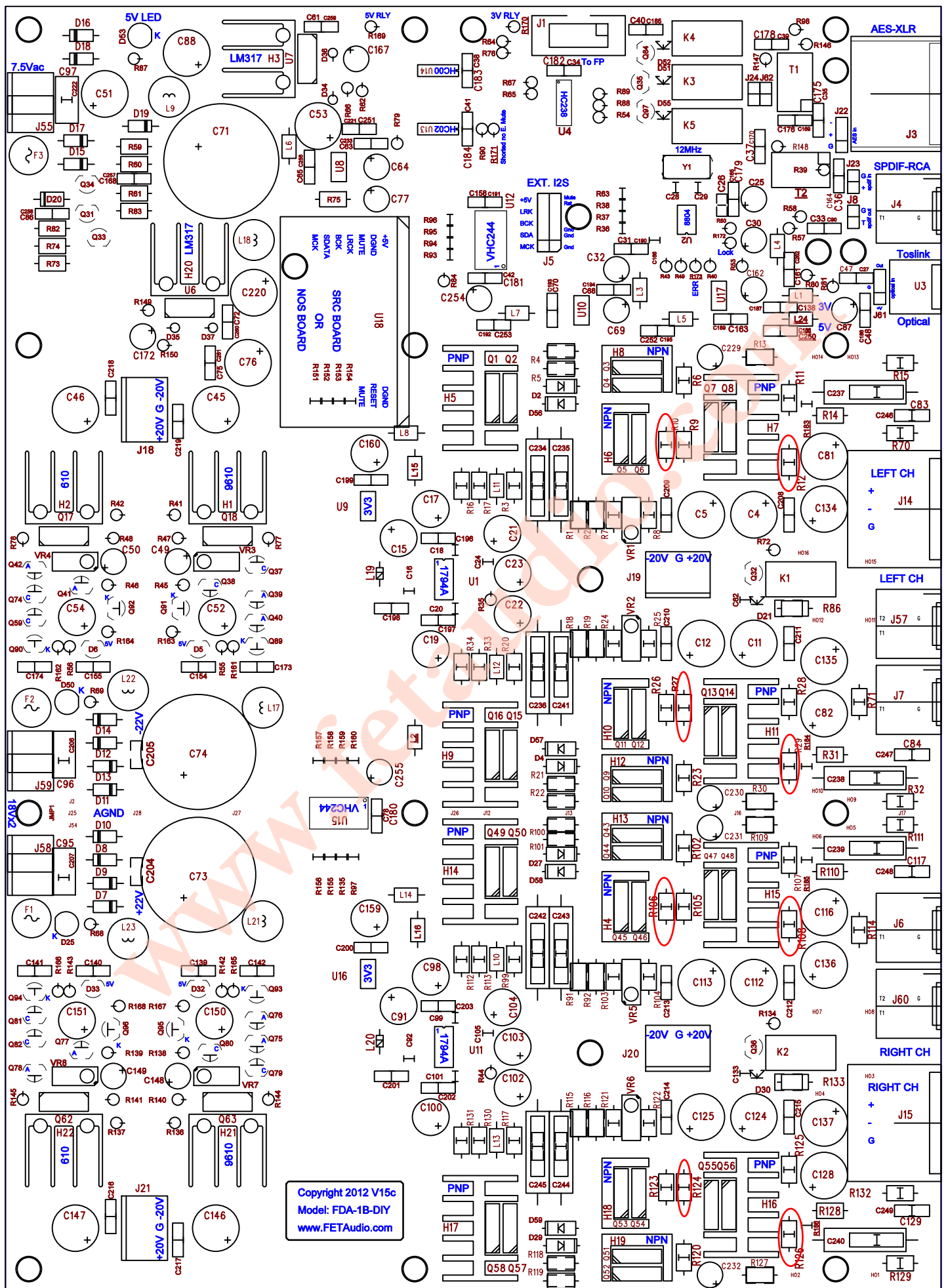
6V8 or 1N4736A x 4



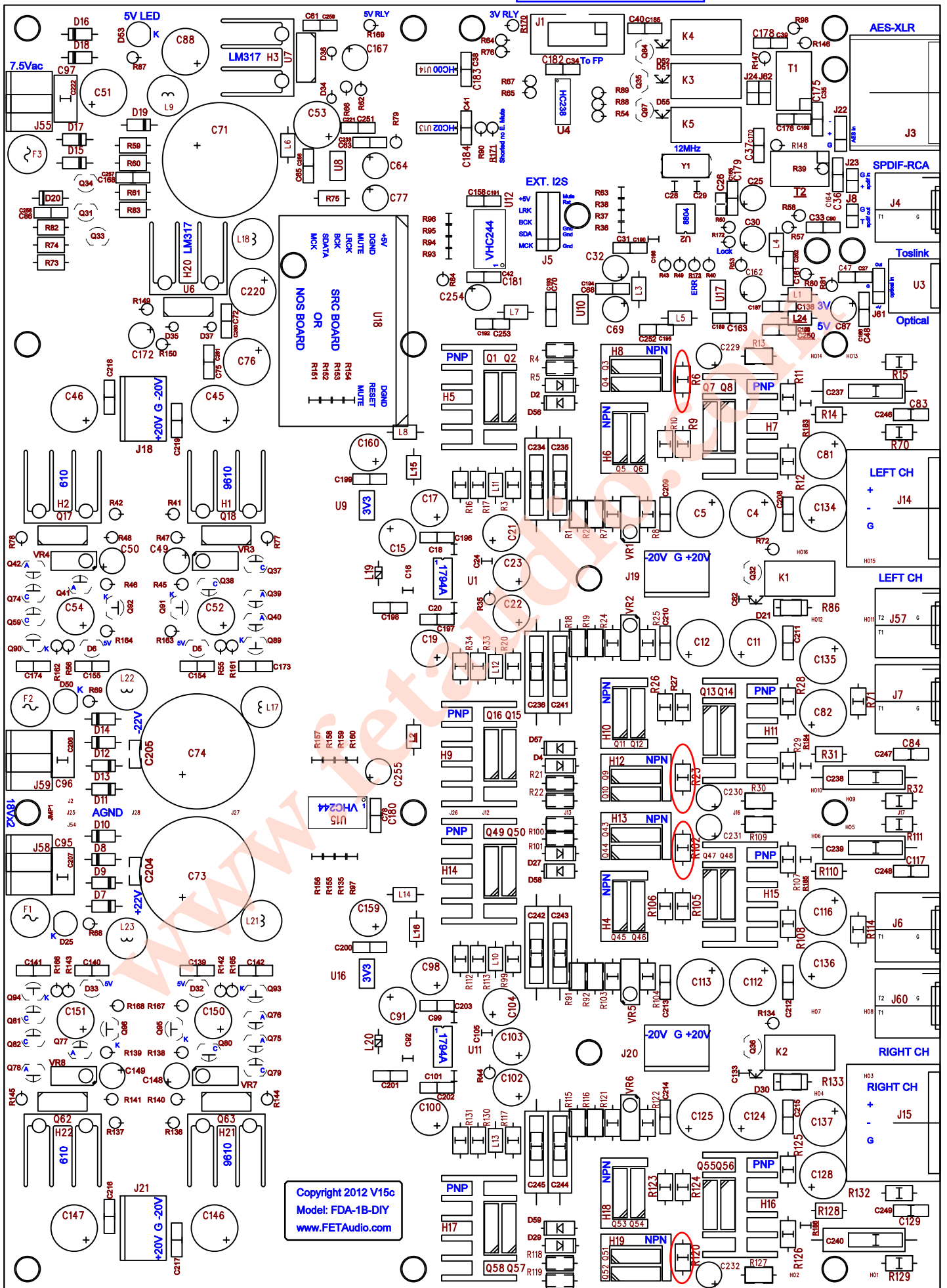
100k x 4



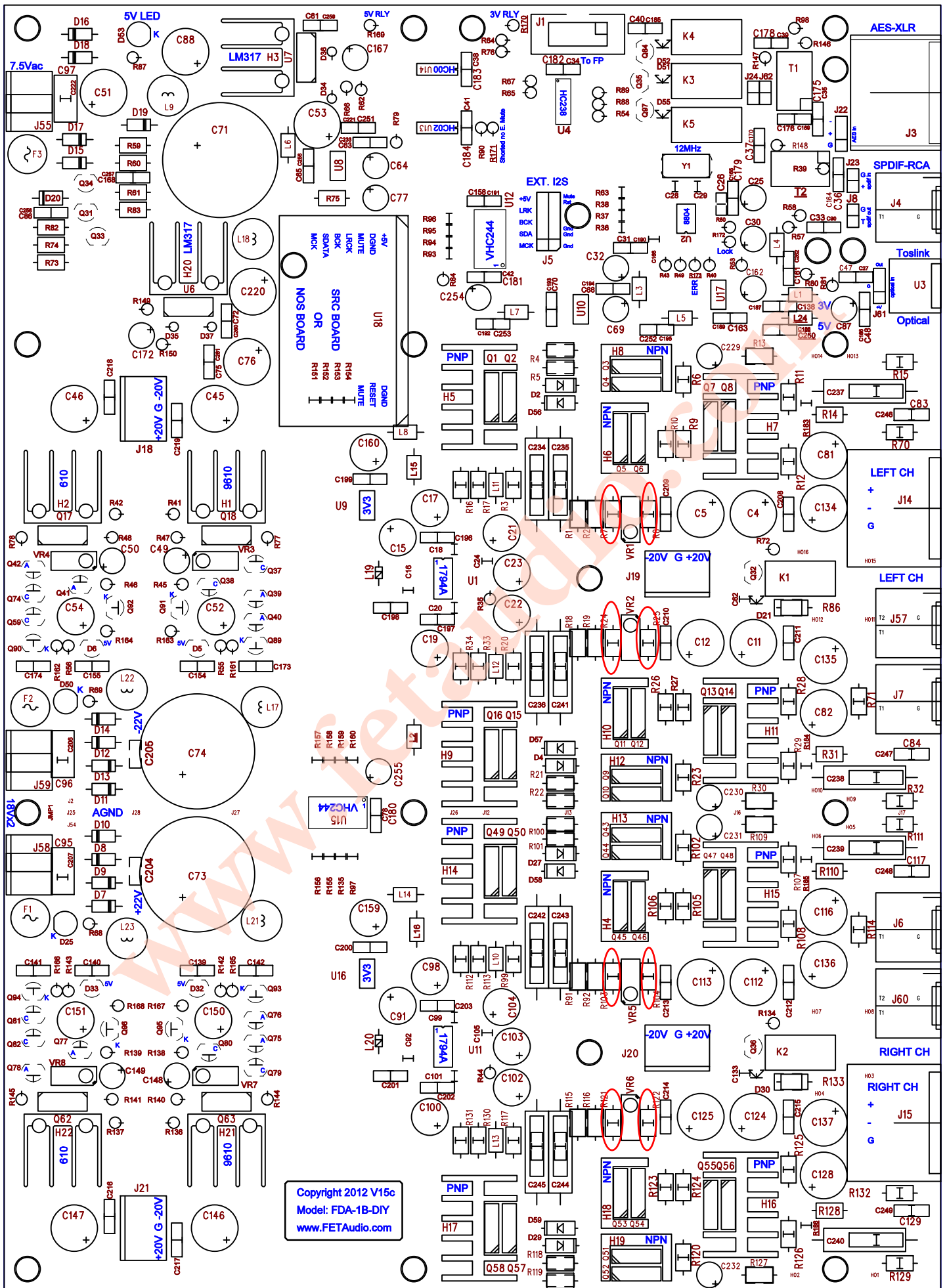
1k21 x 8



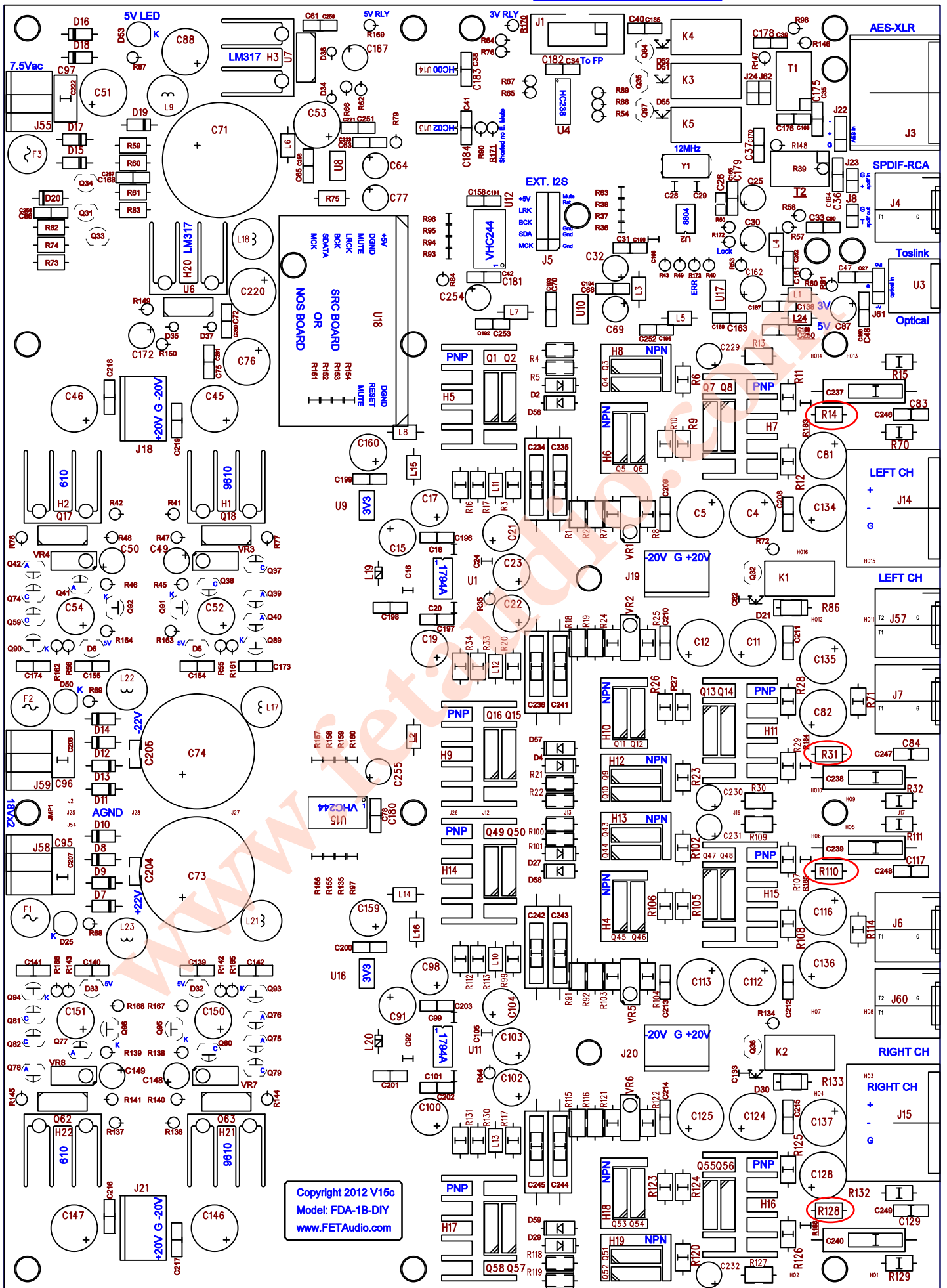
3k01 x 4



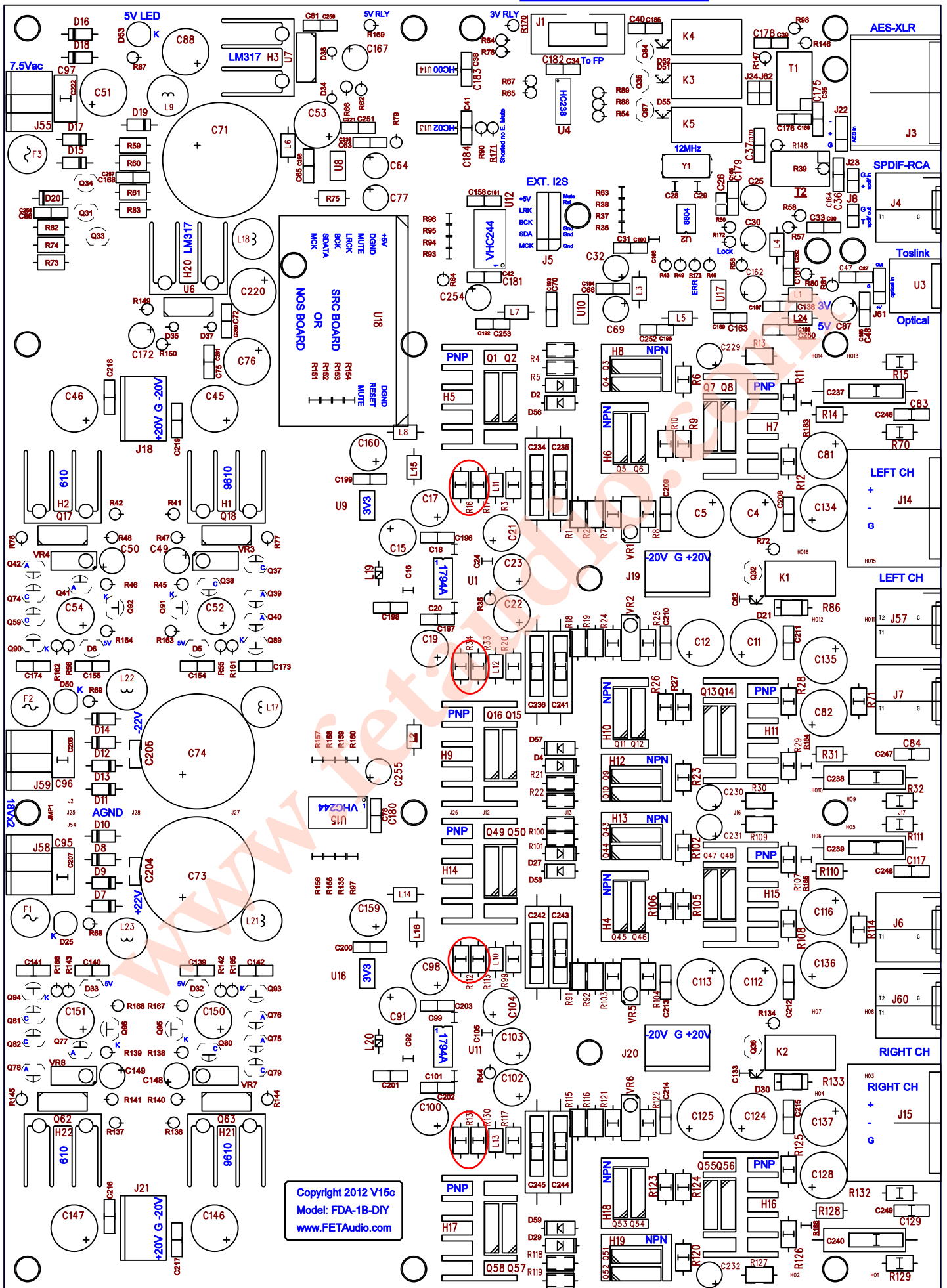
3k32 x 8



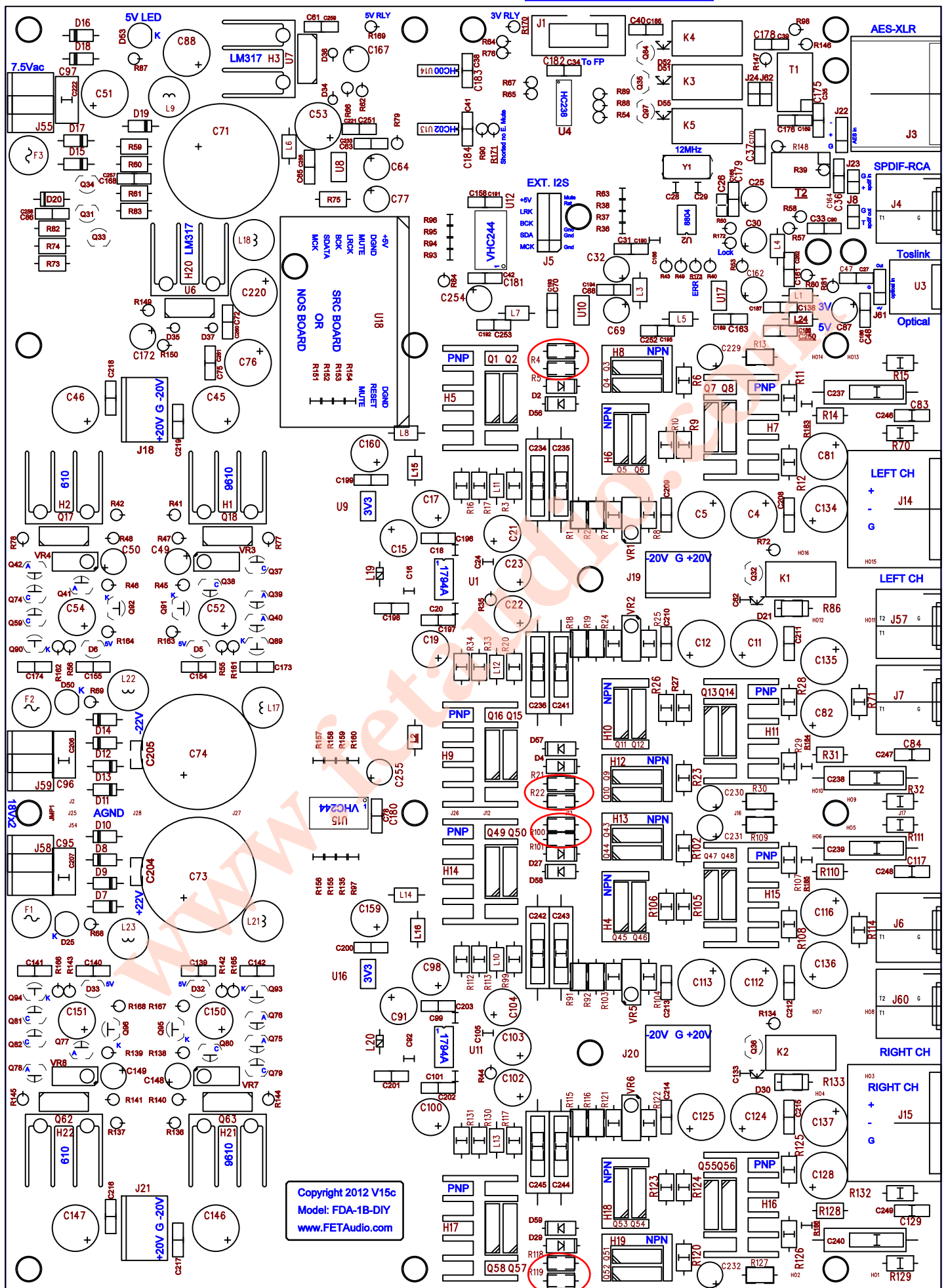
49R9 x 4



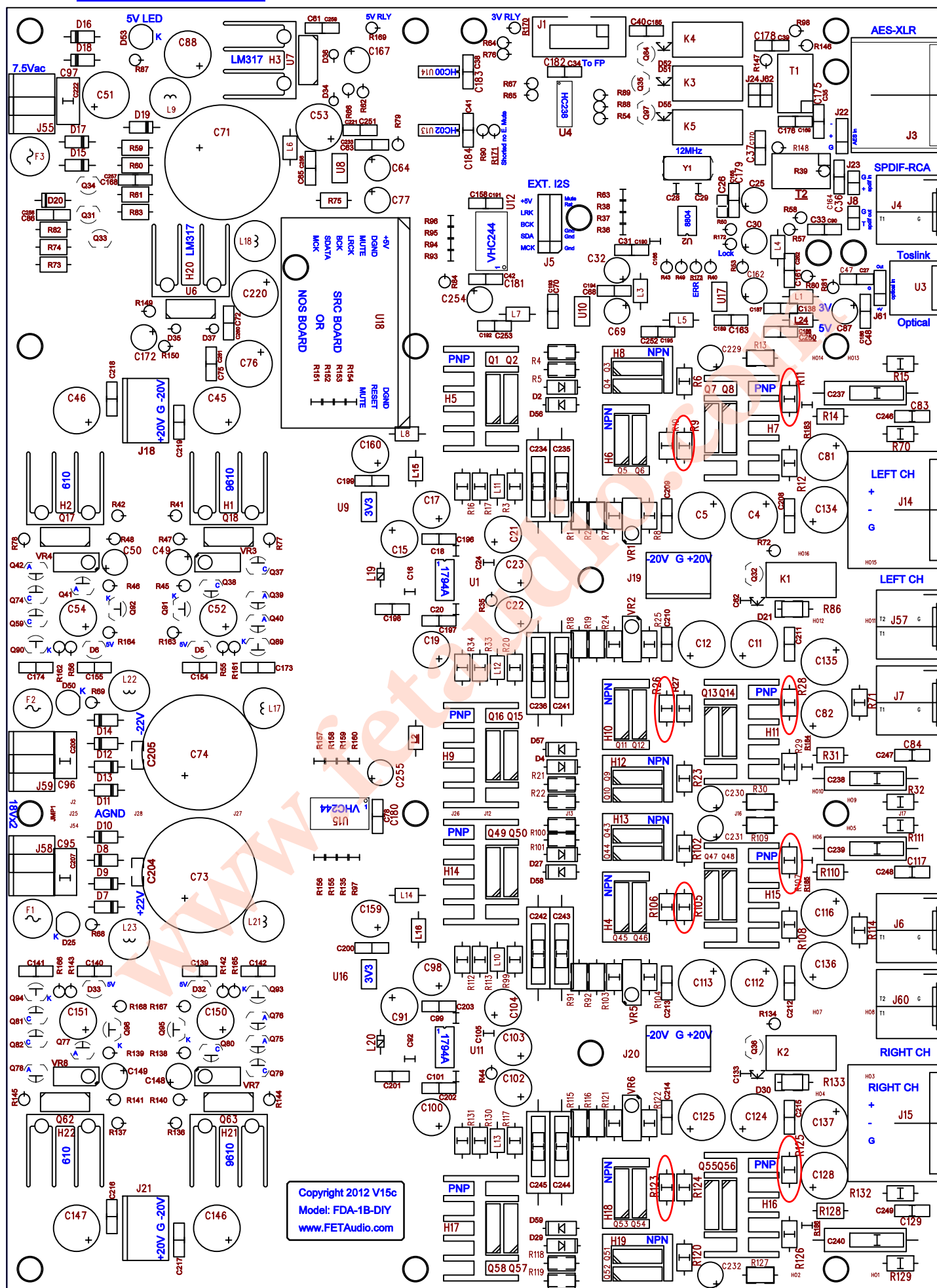
4R02 x 8



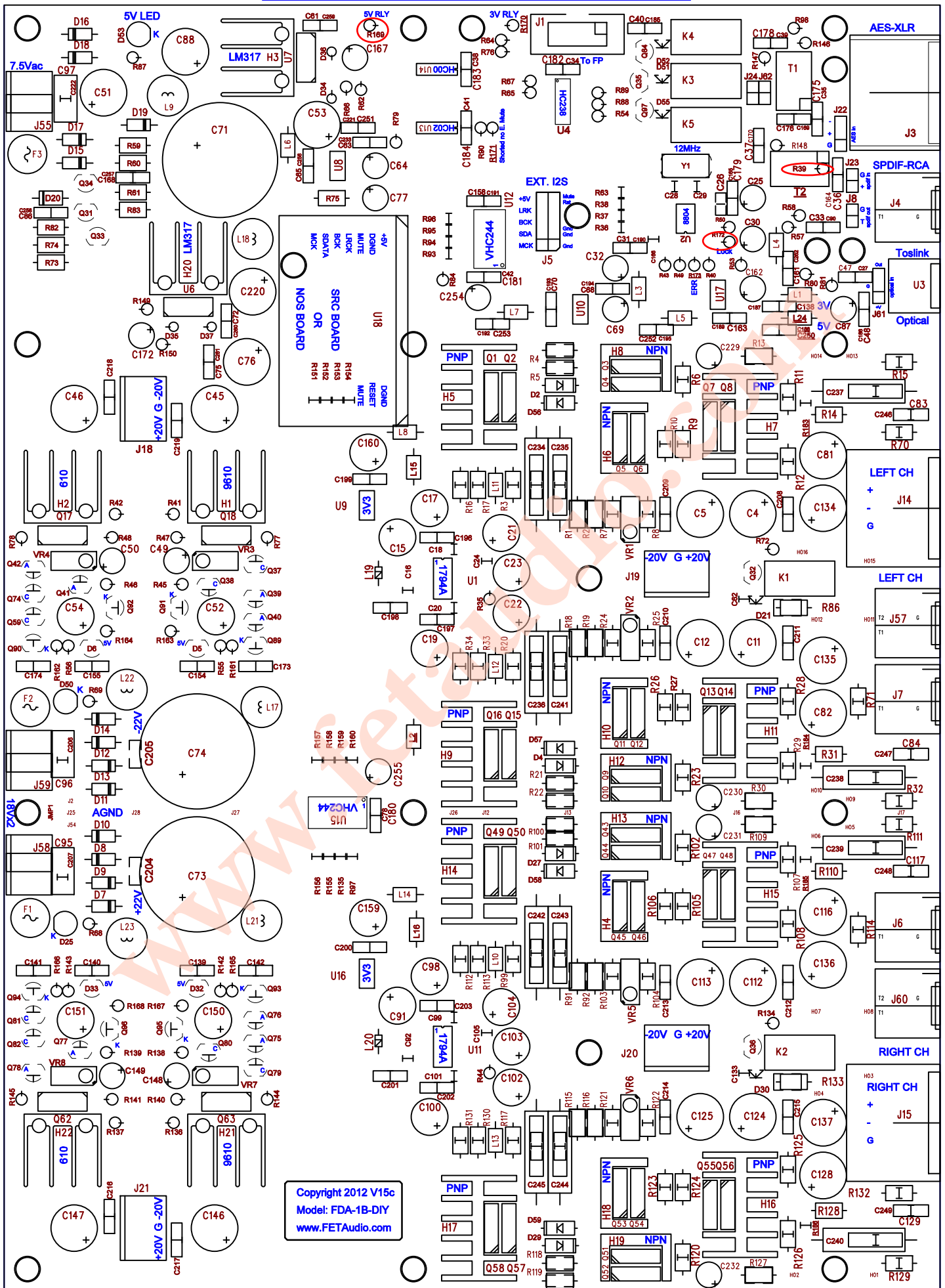
562R x 8



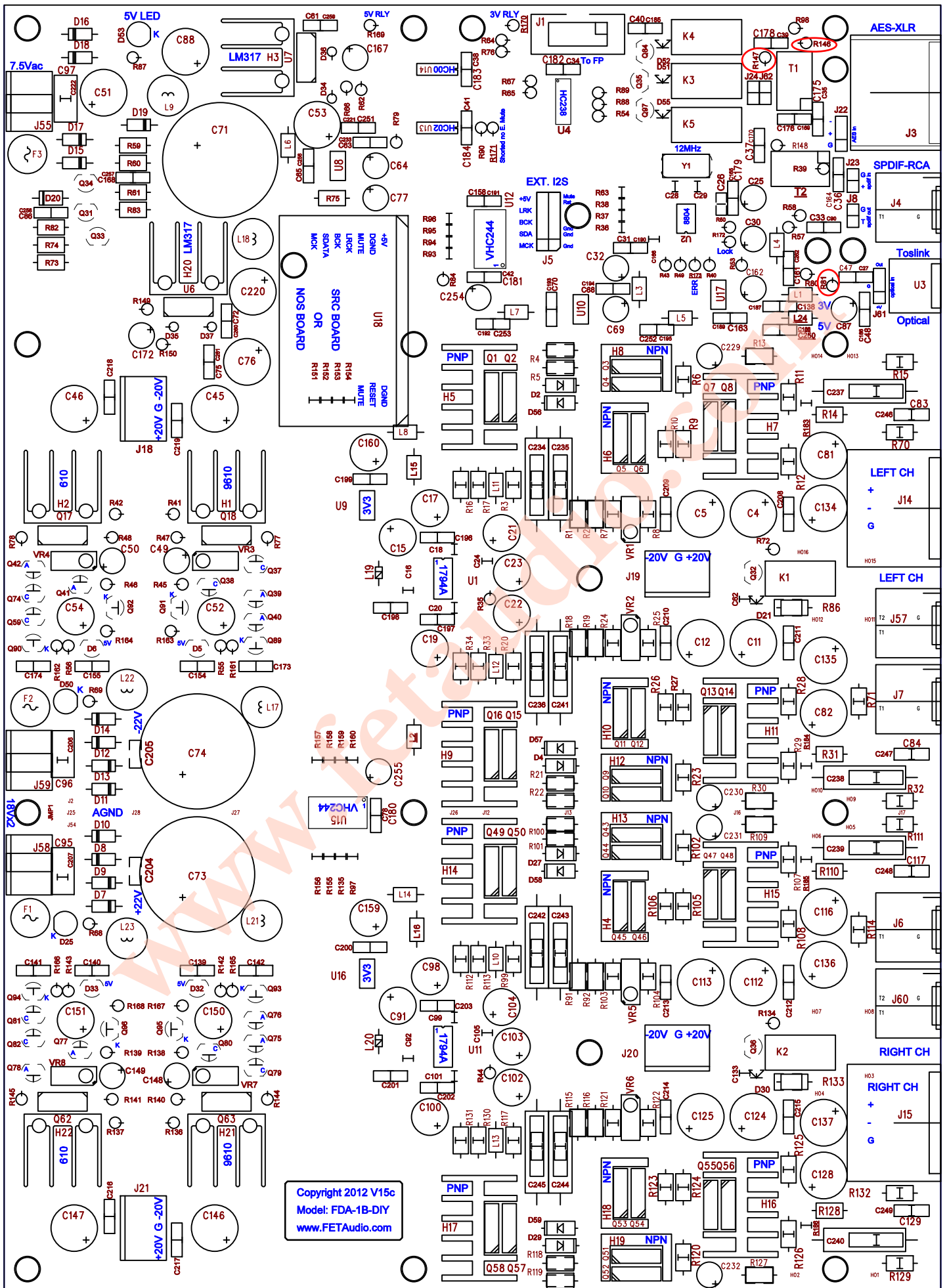
82.5R x 8

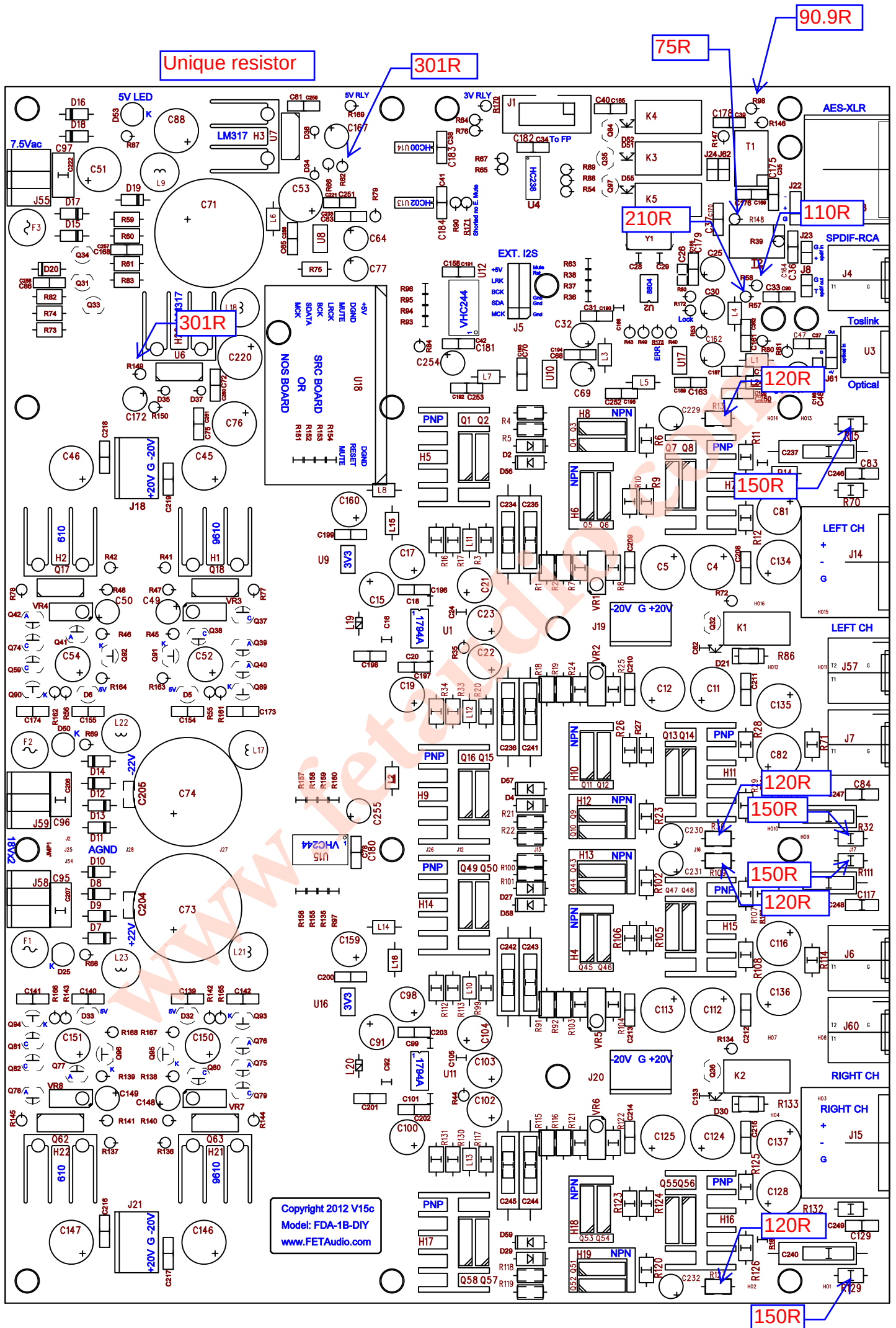


R169, R172, & R39 - Jumper x 3

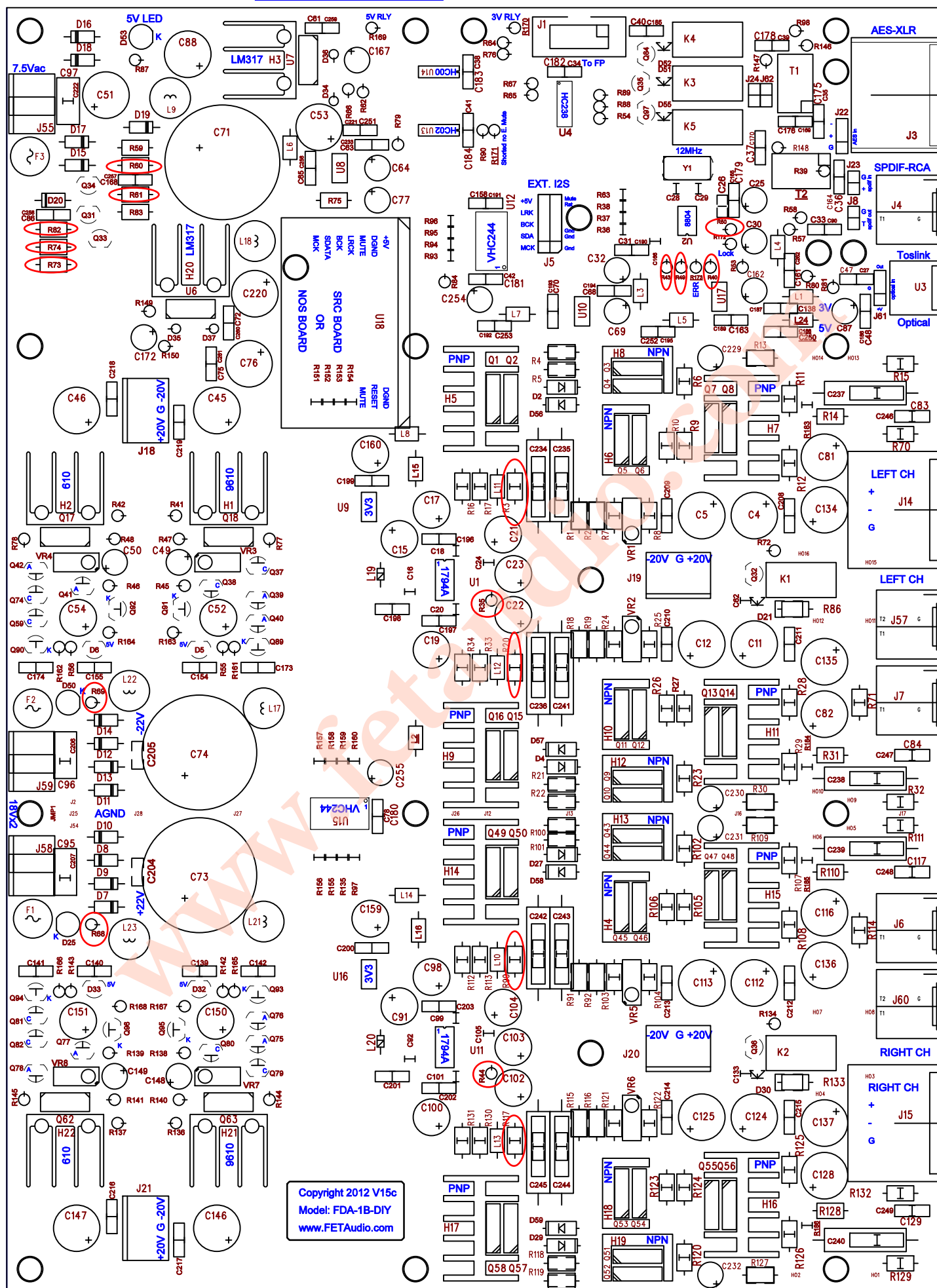


10R x 3, R81, R146, & R147

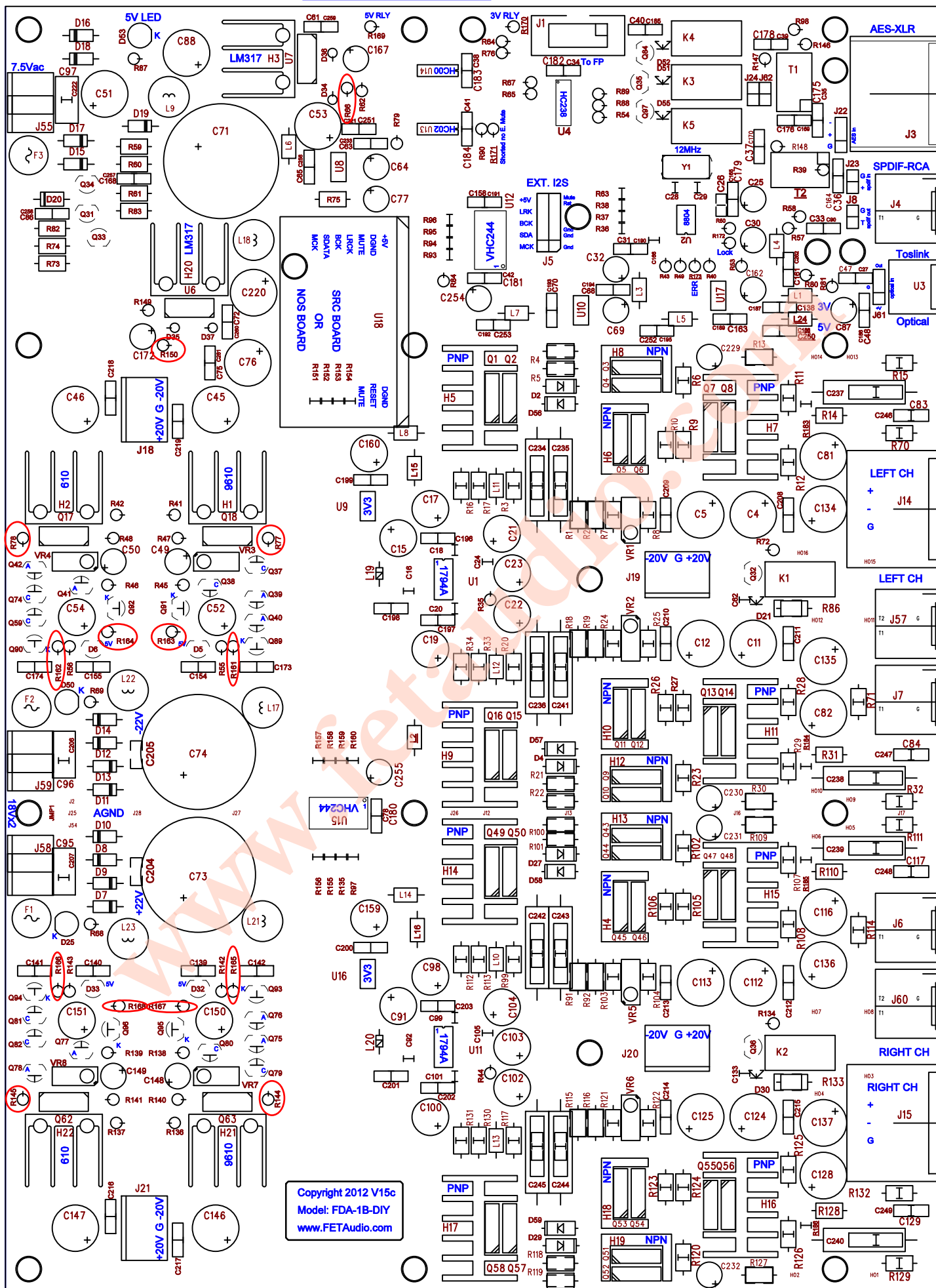




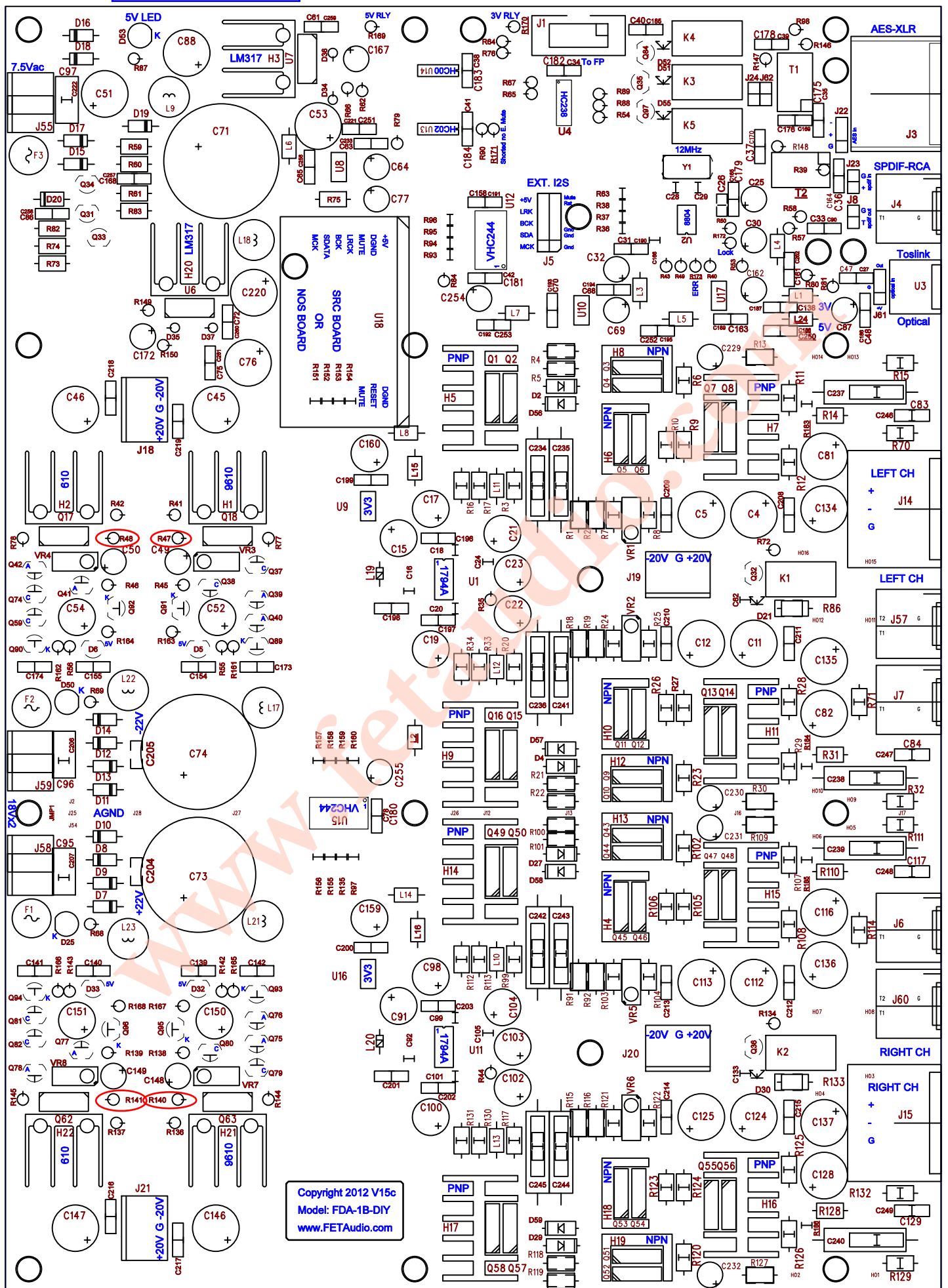
10k x 17



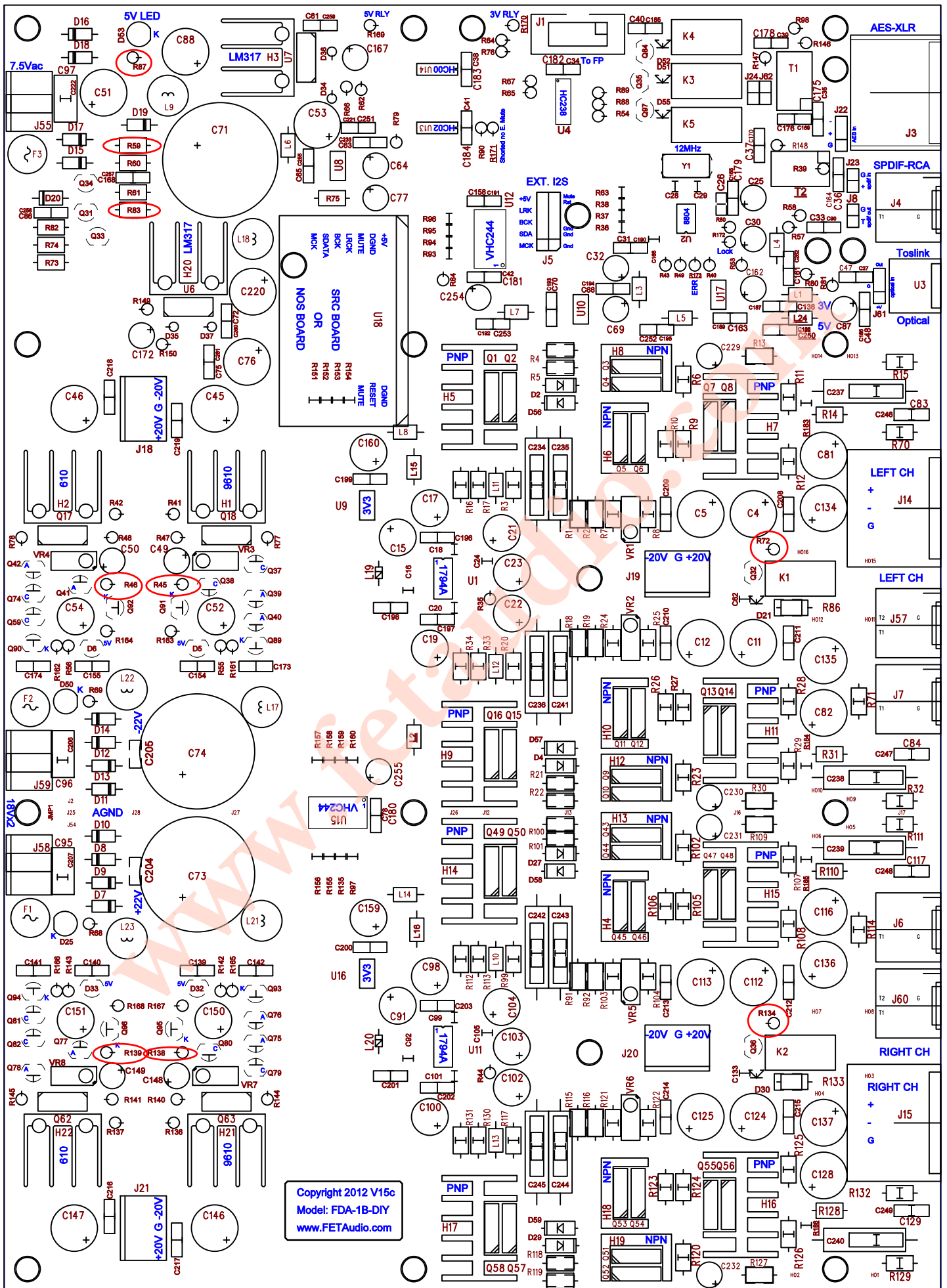
100R x 14



15k x 4



4k7 x 9



47k x 12

