

ClassicTone
40-18069
SECONDARY

380 V (RD/YW)
330 V (RD/WH)
KEY
0 (RD)
15 V (VI)
0 V (VI)
15 V (OR)
0 V (OR)
60 (GY)
0 V (GY)
6.3 V (GN)
0 V (GN)

MAINS

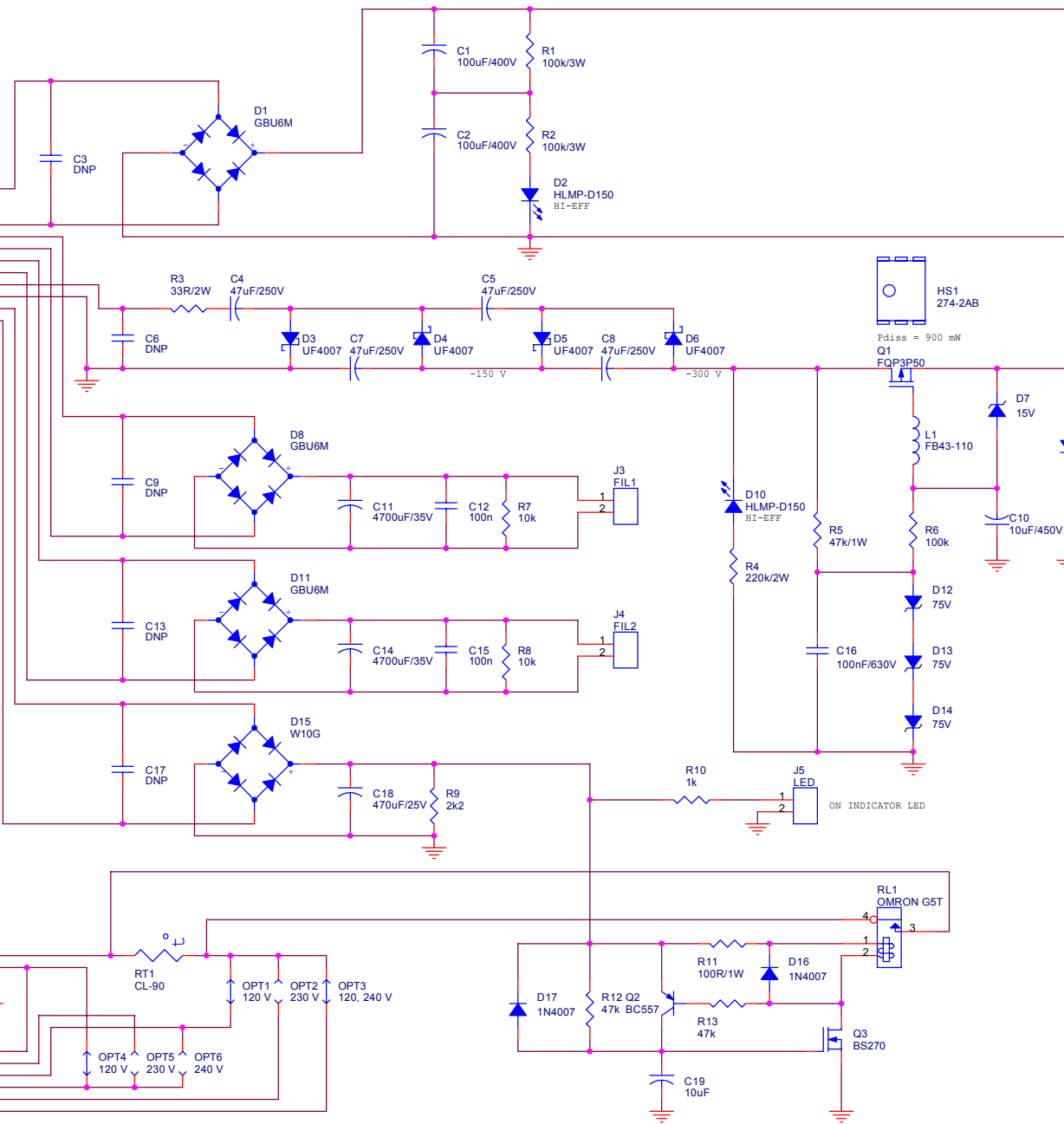
ClassicTone
40-18069
PRIMARY

0 V (BK)
115 V (YW)
120 V (BR/WH)
0 V (BR)
115 V (BL)
120 V (BR/WH)

J1 SECONDARY

J6 MAINS

J7 PRIMARY



L1: BOURNS FB43-110 FERRITE BEAD ON Q1 GATE LEAD.
IF FERRITE IS NOT AVAILABLE, A 10 nF, 50 V CAPACITOR FROM Q1 GATE TO Q1 SOURCE MAY BE SUBSTITUTED.

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Title		
6N6P/ECC99/12BH7A (or d3A) 300B Driver Power Supply		
Size	Document Number	Rev
B	TC20121024	2.01
Date:	Thursday, December 27, 2012	Sheet 1 of 1

300B Amp - Power Supply Bill of Materials

300B_PSU_R2p0 BOM

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Item	Quantity	Reference	Part	Digikey P/N
1	2	C1,C2	100uF/400V	338-1947-ND
2	2	C6,C3	DNP	EF6103-ND
3	4	C4,C5,C7,C8	47uF/250V	P13642-ND
4	3	C9,C13,C17	DNP	399-4326-ND
5	1	C10	10uF/450V	P13671-ND
6	2	C14,C11	4700uF/35V	338-2453-ND
7	2	C12,C15	100n	399-4329-ND
8	1	C16	100nF/630V	EF6104
9	1	C18	470uF/25V	493-1552-ND
10	1	C19	10uF	P15157-ND
11	3	D1,D8,D11	GBU6M	GBU6M-BPMS-ND
12	2	D10,D2	HLMP-D150	516-1323-ND
13	4	D3,D4,D5,D6	UF4007	UF4007-E3/54GICT-ND
14	1	D7	15V	1N5245BFSCT-ND
15	3	D9,D16,D17	1N4007	1N4007FSCT-ND
16	3	D12,D13,D14	75V	568-7943-1-ND
17	1	D15	W10G	W10G-E4/51G3-ND
18	1	HS1	274-2AB	345-1087-ND
19	1	J1	SECONDARY	6 x 609-3936-ND
20	1	J2	Vout	2 x 609-3936-ND
21	1	J3	FIL1	609-3936-ND
22	1	J4	FIL2	609-3936-ND
23	1	J5	LED	609-3936-ND
24	1	J6	MAINS	2 x 609-3936-ND
25	1	J7	PRIMARY	3 x 609-3936-ND
26	1	L1	FB43-110	M8702-ND
27	2	OPT4,OPT1	120 V	N/A
28	2	OPT5,OPT2	230 V	N/A
29	1	OPT3	120, 240 V	N/A
30	1	OPT6	240 V	N/A
31	1	Q1	FQP3P50	FQP3P50-ND
32	1	Q2	BC557	BC557CGOS-ND
33	1	Q3	BS270	BS270FS-ND
34	1	RL1	OMRON G5T	Z2774-ND
35	1	RT1	CL-90	KC009L-ND
36	2	R1,R2	100k/3W	RSMF3JT100KTR-ND
37	1	R3	33R/2W	33W-2-ND
38	1	R4	220k/2W	220KW-2-ND
39	1	R5	47k/1W	47KW-1-ND
40	1	R6	100k	100KQBK-ND
41	2	R8,R7	10k	10KQBK-ND
42	1	R9	2k2	2.2KQBK-ND
43	1	R10	1k	1.0KQBK-ND
44	1	R11	100R/1W	100W-1-ND
45	2	R12,R13	47k	47KQBK-ND

DNP = Do Not Populate