WHAMMY BOM (draft 09-19-10) Most part numbers are from Mouser.com (unless they end with "-ND", and then it's Digikey.com)	Picked?	Notes
(2) .1UF C13, C23 .1uF 505-MKP2D031001FKA00	X	
(1) .22/250V C20 .22/250V Snubber KEMET R46KN322000M1M 22.5mm leads, radial, 26mmx6mmx15mm, X2 rated polypropylene	X	
(6) 1N4004 D1,D2, D3, D4, D7, D8 1N4004 583-1N4004-T	X	
(2) 1UF_PP C1 C5 1UF_PP Input coupling capacitor 594-2222-416-71005	X	
(2) P Mosfet Q2 Q4 2SJ313 May also use IRF9610, FQP3P20 Fairchid - 512-FQP3P20 Vishay - 844-IRF9610PBF	X (back)	
(2) N Mosfet Q1 Q3 2SK2013 May also use IRF610, FQP3N30 Fairchild - 512-FQP3N30 Vishay - 844-IRF610PBF No matching required for Mosfets	X	
(2) 4N35 OPTO 1 2 4N35 78-4N35	X	
(6) 22UF/25V C12 C17 C22 C25 C26 C27 22UF/25V Nichicon UES 647-UES1E220MEM Silmic - 555-RFS25V220MF3#5 Panasonic FC - 667-EEA-FC1E220H	X (back)	
(1) U3 7815 7815 positive regulator 863-MC7815CTG Digikey - NJM7815FA-ND	X	
(1) U2 7915 7915 negative regulator 863-MC7915CTG Digikey - NJM7915FA-ND	X	
(2) 100PF C2 C7 100PF Feedback compenstion cap, leave empty unless needed		
(6)220UF/50V C3 C4 C8 C9 C10 C28 220UF/50V 647-UKZ1E221MHM 50v parts were specified as there are a million of them at Pass Labs. You can use 25v capacitors with no disadvantages. A lower-voltage capacitor might also be physically smaller, and that would be good, as there's not much room around the opamp socket. Also using a smaller value capacitor (around 10-100uF) in these positions will be fine as the PSU is so incredibly clean by the time it makes it to these caps...	X (back)	
(6) 3300UF/35V C6 C11 C14 C15 C18 C19 3300UF/35V 7.5mm lead spacing 18mm max diameter 35.5mm max length 647-UPW1V332MHD	X	
(1) ALPS_POT P1 RK27 688-RK27112A0A16	X	
(1) AMVECO_25VA TR1 Amveco 70053 Amgis L01-6365 Talema 70065K Digi-Key - 1295-1079-ND Digi-Key - TE2261-ND	**NEED - DIgikey**	
(2) LED D5 D6 {RED} These are not lights, but voltage references use red 604-WP710A10LID	X	
(1) Socket 8 pin U1 Not needed, unless you want to swap opamps. 575-199308	X	
(1) Opamp 863-**LM833**NG 595-RC4580IP 584-AD823ANZ (Opamp is 2xOPA627) LM4562- warmer, more analog	RC4580IP	
(6) Heatsinks 532-531102B25G	X	
1/4W (or bigger) resistors Note - The part numbers shown are for the Vishay/Dale RN55D series, a mil-spec resistor with		

non-magnetic leads, non-RoHS, and 100% thermal derating. Which is to say it's a 1/4W resistor that says 1/8W on the box. And has tinned copper leads. Because they are non-RoHS (I.E., not lead-free) they are cheaper. (And honestly better. Look up "tin whiskers") They are of fantastic precision, sound great, and the value is written clearly on the body of the resistor. They are far and wide my favorite resistor.		
(6) RESQ R1 R2 R7 R10 R12 R14 1K 71-RN55D-F-1.0K	X	
(2) RESQ R39 R40 2.21K 71-RN55D-F-2.21K	X	
(2) RESQ R4 R8 4.75K 71-RN55D-F-4.75K	X	
(4) RESQ R16 R22 R29 R32 10ohm 71-RN55D-F-10	X	
(8) RESQ R6 R15 R23 R24 R25 R28 R33 R34 10K 71-RN55D-F-10k	X	
(4) RESQ R17 R27 R35 R36 47.5 ohm 71-RN55D-F-47.5	X	
(2) RESQ R18 R30 100 ohm 71-RN55D-F-100	X	
(2) RESQ R3 R5 100K 71-RN55D-F-100k	X (back)	
(2) RESQ R9 R13 330 ohm 71-RN55D3300FTR	X (back)	
(4) RESQ R11 R19 R26 R31 499 ohm 71-RN55D-F-499	X	
1/2w (or bigger) resistors (4) RES_HALF R20 R21 R37 R38 5.1ohm 1.0ohm - 5.1ohm is fine 71-CCF02-J-5.1	X	
1/4" Headphone jack ("D" style mounting, similar to an XLR jack) 568-NJ3FP6C-B / or Panel mount, as shown in above photos 568-NYS212	Panel	
Chassis – diyAudio Store Hammond - 1455T2201	Blue	
ended up running the power indicator LED from the + side of R10 and - side of R14 so that both halves share the load, and used a 3.3kohm resistor to limit the current. I realize i made a glaring mistake in not ordering any blue LEDs... woops! See also #376		