

**Bill of Materials for The 5002 Project**  
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**Power Supply:**

B1	KBL06
B2	KBL06
C1	10,000uF/25v
C2	10,000uF/25v
C3,4	10uF
C6,7	.1uF
D1,4	1N4004
F1,2	1.6A
HEATSINK	SK104 (x 2)
IC1,2	LD1084V
Conn	1751248 (x 2)
LED	3MM
W237-133	
R1,2	120
R3,4	100 ohm trimpot
R5,6	1.3k
R7	1.5k

**Main board:**

C1,C2	.1uF
D1-4	1N914B
Conn	1751248 (x 2)
Conn	1751251
IC1	OPA 627,etc.
HA 5002	HA9P5002 DIP x 9

\*All resistors 1%- 1/4W unless specified differently\*

R1	100
R3,4	75
R9-18,23-26	20 ohm (digi-key CMF20.0HFCT-ND)
R2,20-22,27-30	.5 ohm (mouser 667-erg-25j471a)
R5	1k
R6,19	470k
R31	27k
R32	6.8k
R33	1k
R34	6.8k
Transformer	Triad VTP30-1670 or equiv.

**Aux Board:**

HA-5002	x8
R1,R3-9	.5 ohm (mouser 667-erg-25j471a)
R2,R20-R21,22,R27-30,35-38,43-46	20 ohm (digi-key CMF20.0HFCT-ND)
C3,4	.1uF

Conn	1751251
Conn	1751248