



Casey Jones' Son

Build Document

Capacitors

I obtained all of my capacitors from Tayda. That's what the layout was setup for.

P/N	Value	Type	Notes
C1	100uF	Aluminum Electrolytic	
C2	47uF	Aluminum Electrolytic	
C3	22nF	Film Box	
C4	220nF	Film Box	
C5	220nF	Film Box	
C6	220nF	Film Box	
C7	1uF	Film Box	
C8	51pF	Ceramic	25V to fit nicely.

Diodes

I obtained all of my diodes from Tayda. That's what the layout was setup for.

There is no polarity protection diode on this layout. If you want it, you can add it directly to the DC jack, or better, add a small veroboard. If you have questions on how to do this, feel free to contact me.

P/N	Value	Notes
D1	LED5mm	
D2	LED5mm	

Integrated Circuits

I obtained all of my ICs from Tayda. That's what the layout was setup for.

P/N	Value	Notes
IC1	OPA2134	

Resistors

P/N	Value
R1	1k
R2	510k
R3	10k
R4	10k
R5	1k
R6	220R
R7	10k
R8	1k
R9	1k
R10	1M

Potentiometers

I obtained all of these from Tayda. That's what the layout was setup for.

P/N	Value	Notes
GAIN	A1M	Swap lugs 1 and 3 for this layout. (I was lazy and instead of offboard wiring an A1M pot, I used a B1M . Dealer's choice.)
TONE	B25k	I recommend this one .
VOL	B100k	I recommend this one .

Other Parts

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Qty	Value	Notes
1	8-pin socket	

