



Tim A.

Build Document



Introduction

TIMMAAAY!

Bill of Materials

Resistors

P/N	Value
R1	2M2
R2	510k
R3	3k3
R4	3k3
R5	1k5
R6	3k3
R7	3k3
R8	10k
R9	8k2

Diodes

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

P/N	Value	Notes
D1	1N4148	
D2	1N4148	
D3	1N4148	
D4	1N4148	
D5	1N4148	
D6	1N4148	
D7	1N400x	Polarity protection.

Capacitors

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

P/N	Value	Type	Notes
C1	47n	Film Box	
C2	100p	Ceramic	
C3	39n	Film Box	
C4	1u	MLCC	
C5	10n	Film Box	
C6	1u	MLCC	
C7	47u	Aluminum Electrolytic	Lay it down.
C8	47u	Aluminum Electrolytic	Lay it down.



Integrated Circuits

P/N	Value	Notes
IC1	4559	

Potentiometers

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

P/N	Value	Notes
BCUT	B50k	Offboard wiring.
DRIVE	B1M	Offboard wiring.
TCUT	B50k	Offboard wiring.
VOL	A10k	Offboard wiring.

Switches

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

P/N	Value	Notes
SW1	DIP 2 position	

Other Parts

Qty	Value	Notes
1	8-pin socket	

Build Notes

The DIP is tight; you may want to leave room for it or solder it earlier.



Schematic

