



Infatuated Overdrive

Build Document



Introduction

The well-respected Fulltone OCD has been a staple on many pedalboards for quite a few years now.

Bill of Materials

Resistors

P/N	Value
R1	1M
R2	10k
R3	470k
R4	10k
R5	2k2
R6	18k
R7	10k
R8	10k
R9	10k
R10	150k
R11	39k
R12	33k
R13	22k
R14	10R

Diodes

I obtained all of my diodes from Tayda.

P/N	Value	Notes
D1	1N400x	Polarity protection.
D2	1N34A	This diode wasn't seen often. Add it if you want it; otherwise, jumper it. The board has enough room for a genuine germanium diode, but these are getting harder and harder to come by.



Capacitors

I obtained all of my caps from Tayda.

P/N	V1	V2	V3	V4	Type	Notes
C1	22n				Film Box	
C2	100n				Film Box	
C3	220p				Ceramic	
C4	100n				Film Box	
C5	1n				Film Box	
C6	100n				Film Box	
C7	220p				Ceramic	
C8	100n	100n	47n	47n	Film Box	
C9	10u				Alum. Electro.	
C10	10u				Alum. Electro.	
C11	1u				Tantalum	HAH. Tant? Whatever. Just use alum. electro.
C12	47n					See Modifications .

Integrated Circuits

I obtained all of my integrated circuits from Tayda.

P/N	Value	Notes
IC1	TL082	

Transistors

I obtained all of my transistors from Tayda.

P/N	Value	Notes
Q1	2N7000	
Q2	2N7000	

Potentiometers

P/N	V1	V2	V3	V4
GAIN	A500k	A500k	A1M	A1M
TONE	A25k	A25k	B10k	B10k
VOL	B100k	B500k	B500k	A500k

Switches

I obtained all of my switches from Tayda.

P/N	Value	Notes
BASS	SPDT ON-ON	
HP/LP	SPDT ON-ON	



Other Parts

Qty	Value	Notes
2	8-pin socket	1 for the TL082, and the other can be used for the transistors.

Modifications

Bass Switch

Use C12 in conjunction with the BASS switch and C2 to add or take away bass.

Want more bass? Have C12 be bigger than C2.

Want less bass (I prefer this choice)? Have C12 be less than C2.



Schematic

