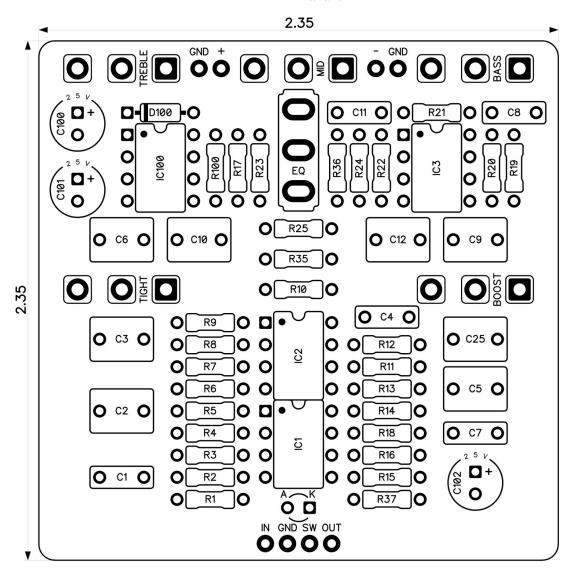


Revised 8/16/23



#### **CONTROLS AND FEATURES**

- Bass
- Mid
- Treble
- Boost
- Tight
- EQ (Toggle switch)

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Parts List (Page 1 of 2)

LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	470K	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	100K	Resistor, 1/4W	
R5	47K	Resistor, 1/4W	
R6	10K	Resistor, 1/4W	
R7	2K2	Resistor, 1/4W	* LED current limiting resistor
R8	100K		3
R9	47K	Film capacitor, 7.2 x 2.5mm	
R10	10K	Film capacitor, 7.2 x 2.5mm	
R11	4K7	Film capacitor, 7.2 x 2.5mm	
R12	470R	Ceramic capacitor	
R13	100K	Electrolytic capacitor, 5mm	
R14	47K	Film capacitor, 7.2 x 2.5mm	
R15	2K2	Electrolytic capacitor, 5mm	
R16	2K2	Film capacitor, 7.2 x 2.5mm	
R17	10K	i mir capacitor, i i z x zionim	
R18	47K	Schottky diode, DO-41	
R19	33K	Corrotaty Glodo, DC 11	
R20	33K	BJT transistor, NPN TO-92	
R21	2K2	BJT transistor, NPN TO-92	
R22	2K2	201 translator, 141 14 10 32	
R23	22K	16mm right-angle PCB mount pot	
R24	100K	16mm right-angle PCB mount pot	
R25	2K2	Tomini right-angle i CD mount pot	
R35	100K		
R36	2K2		
R37	100K		
R100	4K7		
100	411/		
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	120p	Ceramic capacitor	
C3	22n	Film capacitor, 7.2 x 2.5mm	
CA	120p	Ceramic capacitor	
C5	220n	Film capacitor, 7.2 x 5.0mm	
C3 C4 C5 C6 C7 C8 C9	4n7	Film capacitor, 7.2 x 5.0mm	
C7	1n		
C9	22n	Film capacitor, 7.2 x 2.5mm	
C0		Film capacitor, 7.2 x 2.5mm	
C10	220n	Film capacitor, 7.2 x 5.0mm	
C10	10n	Film capacitor, 7.2 x 2.5mm	
C11	2n2	Film capacitor, 7.2 x 2.5mm	
C12	470n	Film capacitor, 7.2 x 5.0mm	
C25	470n	Film capacitor, 7.2 x 5.0mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	10u	Electrolytic capacitor, 5mm	
C102	47u	Electrolytic capacitor, 5mm	
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		Continued on next page	

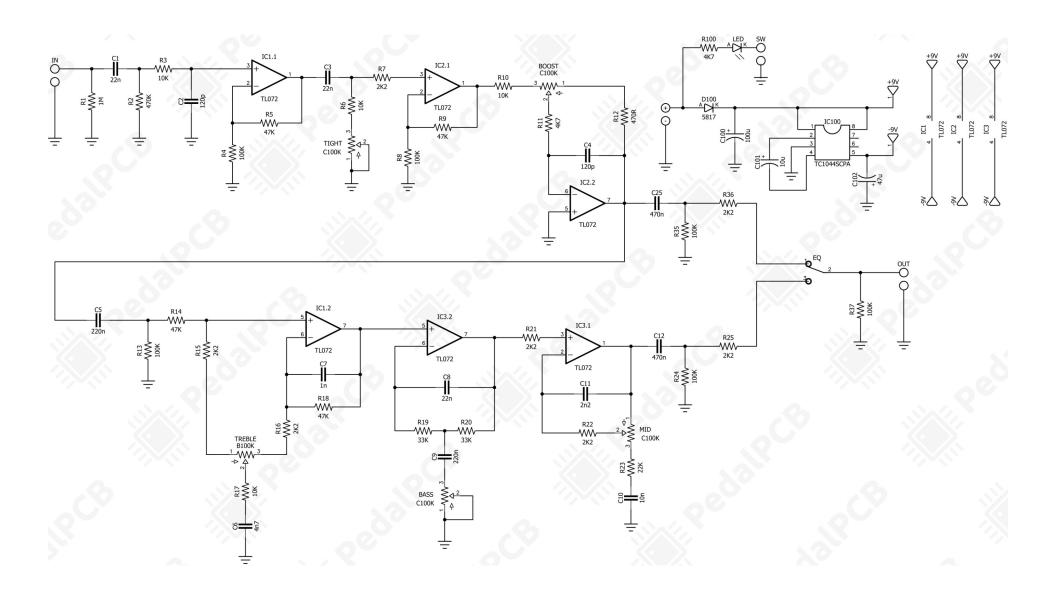


Parts List (Page 2 of 2)

LOCATION	VALUE	TYPE	NOTES
D100	1N5817	Schottky diode, DO-41	NOTES
D 100	IINJOT7	Schottky diode, DO-41	
IC1	TI 072	Dual on omn DIDO	
IC1 IC2	TL072 TL072	Dual op-amp, DIP8	
102		Dual op-amp, DIP8	
IC3	TL072	Dual op-amp, DIP8	
IC100	TC1044SCPA	Charge pump IC, DIP8	
TDEDLE	D 40017	10 :11   DOD	
TREBLE	B100K	16mm right-angle PCB mount pot	
BASS	C100K	16mm right-angle PCB mount pot	
MID	C100K	16mm right-angle PCB mount pot	
BOOST	C100K	16mm right-angle PCB mount pot	
TIGHT	C100K	16mm right-angle PCB mount pot	
EQ	SPDT	Toggle switch, SPDT	2-position (ON/ON)

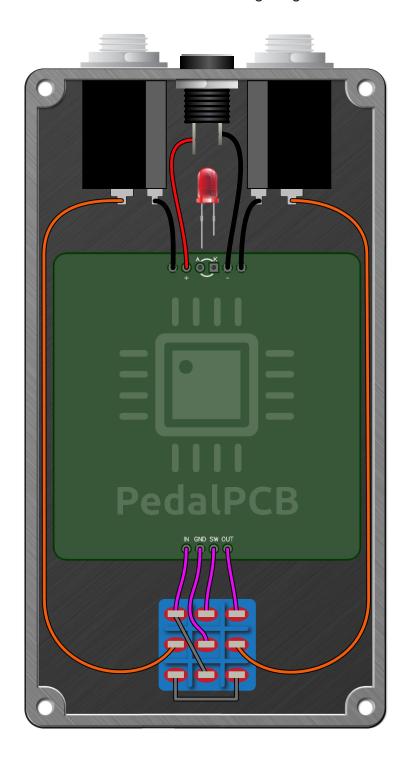


# Betty Boost Schematic Diagram





Wiring Diagram





## Drill Template 125B Enclosure

