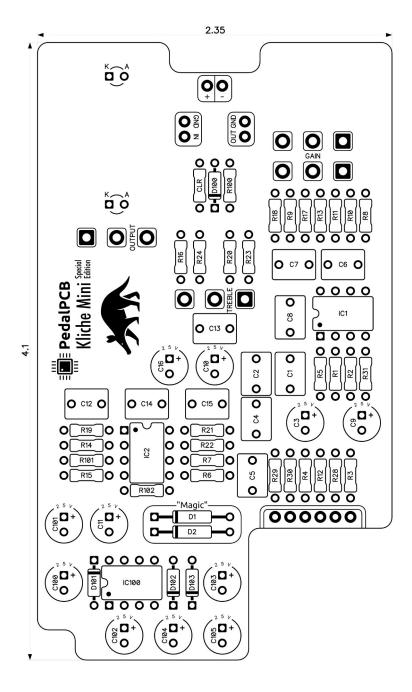


Revised 5/15/24



CONTROLS AND FEATURES

- Gain
- Treble
- Output

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Parts List (Page 1 of 2)

R4 56 R5 5K R6 1K R7 1K R8 10 R9 2K R10 15 R11 42 R12 1K R13 1K R14 15 R15 47 R16 22 R17 27 R18 12 R19 39 R20 1K R21 10 R22 10 R23 4K R24 56 R28 68 R29 68 R30 10 R31 1K R100 10 R101 27 R102 27	M 00K 60R (1 (5 C 0K (6K 22K ((5 6K 7K 2K 7K 2K 7K	Resistor, 1/4W	
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R23 4K R24 56 R28 68 R29 68 R30 10 R31 1N R100 10 R101 27 R102 27	00K	Resistor, 1/4W	
R24 56 R28 68 R29 68 R30 10 R31 1N R100 10 R101 27 R102 27		Resistor, 1/4W	
R28 68 R29 68 R30 10 R31 1M R100 10 R101 27 R102 27	60R	Resistor, 1/4W	
R29 68 R30 10 R31 1N R100 10 R101 27 R102 27		Resistor, 1/4W	
R30 10 R31 1M R100 10 R101 27 R102 27		Resistor, 1/4W	
R31 1M R100 10 R101 27 R102 27	00K	Resistor, 1/4W	
R100 10 R101 27 R102 27	M	Resistor, 1/4W	
R102 27	00R	Resistor, 1/4W	
	7K	Resistor, 1/4W	
CL D	7K	Resistor, 1/4W	
JULK JON	(9	Resistor, 1/4W	* LED current limiting resistor
C1 10)0n	Film capacitor, 7.2 x 2.5mm	
)0n	Film capacitor, 7.2 x 2.5mm	
C3 4u	ı7	Electrolytic capacitor, 5.0mm	25V minimum voltage
C4 68	3n	Film capacitor, 7.2 x 2.5mm	
	90n	Film capacitor, 7.2 x 5.0mm	
C6 68	3n	Film capacitor, 7.2 x 2.5mm	
C7 82	2n	Film capacitor, 7.2 x 2.5mm	
	90p	Ceramic capacitor	
C9 1u	•	Electrolytic capacitor, 5.0mm	25V minimum voltage
C10 1u		Electrolytic capacitor, 5.0mm	25V minimum voltage
C11 1u	ı	Electrolytic capacitor, 5.0mm	25V minimum voltage
C12 2n	12	Film capacitor, 7.2 x 2.5mm	
C13 27	n	Film capacitor, 7.2 x 2.5mm	
	20p	Ceramic capacitor	
		Continued on next page	

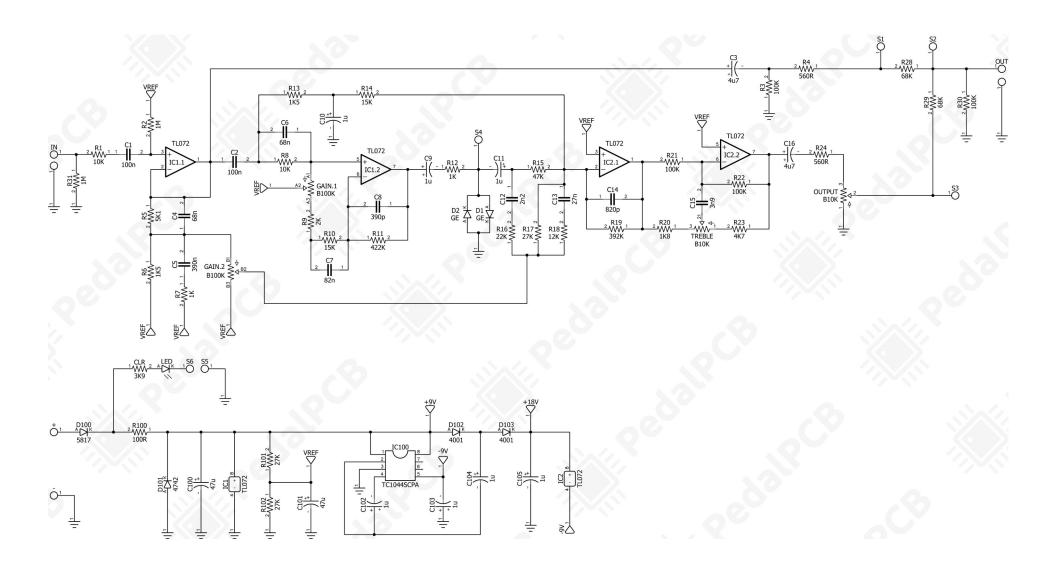


Parts List (Page 2 of 2)

LOCATION	VALUE	TYPE	NOTES
C15	3n9	Film capacitor, 7.2 x 2.5mm	
C16	4u7	Electrolytic capacitor, 5.0mm	25V minimum voltage
C100	47u	Electrolytic capacitor, 5.0mm	25V minimum voltage
C101	47u	Electrolytic capacitor, 5.0mm	25V minimum voltage
C102	1u	Electrolytic capacitor, 5.0mm	25V minimum voltage
C103	1u	Electrolytic capacitor, 5.0mm	25V minimum voltage
C104	1u	Electrolytic capacitor, 5.0mm	25V minimum voltage
C105	1u	Electrolytic capacitor, 5.0mm	25V minimum voltage
D1	GE	Germanium diode	
D2	GE	Germanium diode Germanium diode	
D100	1N5817	Schottky diode, DO-41	
D101	1N4742	Zener diode 1/2W, 12V	
D102	1N4742 1N4001	General purpose rectifier, DO-41	
D102	1N4001	General purpose rectifier, DO-41	
دنار	1114001	General purpose rectilier, DO-41	
C1	TL072	Dual op-amp, DIP8	
C2	TL072	Dual op-amp, DIP8	
IC100	TC1044SCPA	Charge pump IC, DIP8	
GAIN	B100K DUAL	16mm right-angle PCB mount pot	*Dual gang potentiometer
TREBLE	B10K BOAL	16mm right-angle PCB mount pot	Buai garig poteritionieter
OUTPUT	B10K	16mm right-angle PCB mount pot	
0011 01	BTOK	Tomin right-arigic i Ob mount pot	

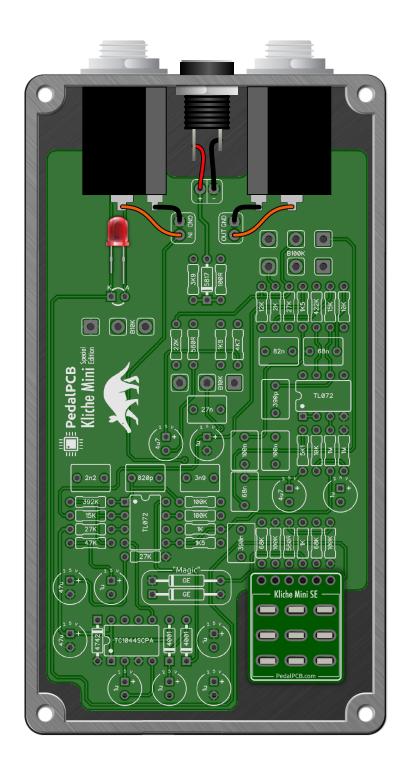


Schematic Diagram





Wiring Diagram





Drill Template

125B Enclosure

