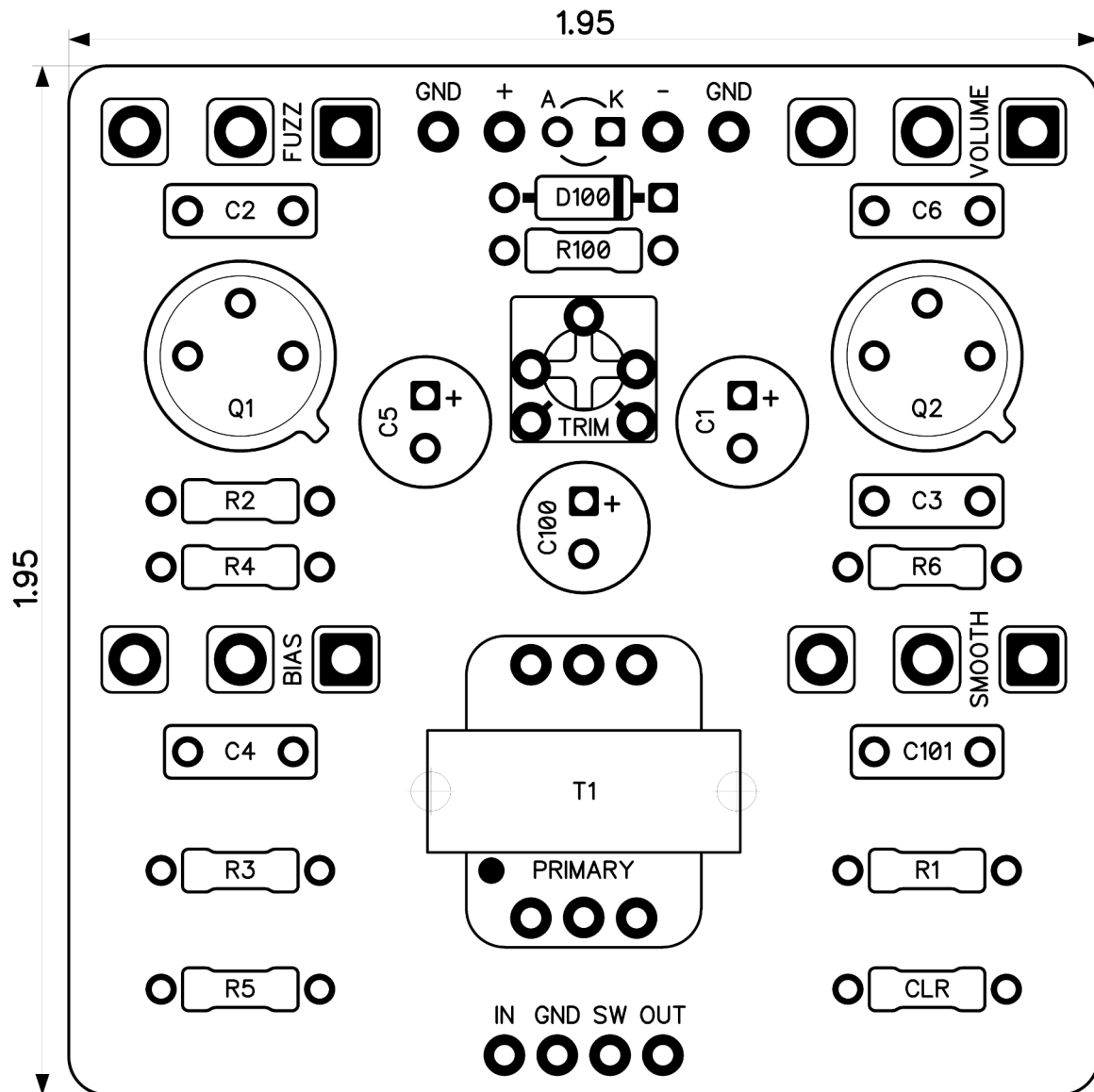




Tactical Fuzz

Revised 2/25/24



CONTROLS AND FEATURES

- Volume
- Fuzz
- Smooth
- Bias

All trademarks and registered trademarks are the property of their respective owners. The company, product, and service names used in this web site are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.

LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	910R	Resistor, 1/4W	
R3	33K	Resistor, 1/4W	
R4	100K	Resistor, 1/4W	
R5	330R	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R100	22R	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	2u2	Electrolytic capacitor, 5mm	
C2	1n	Film capacitor, 7.2 x 2.5mm	
C3	100p	Ceramic capacitor	
C4	33n	Film capacitor, 7.2 x 2.5mm	
C5	22u	Electrolytic capacitor, 5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
D100	1N5817	Schottky diode, DO-41	
Q1	CV7351	Germanium BJT transistor, NPN	TO5
Q2	CV7351	Germanium BJT transistor, NPN	TO5
T1	42TL019-R	Audio Transformer	10KCT/600CT
TRIM	50K	Trimmer potentiometer, 3362P type	
VOLUME	C500K	16mm right-angle PCB mount pot	
FUZZ	C1K	16mm right-angle PCB mount pot	
SMOOTH	B100K	16mm right-angle PCB mount pot	
BIAS	B1K	16mm right-angle PCB mount pot	


Original transistor parameters as measured by DCA75
Q1

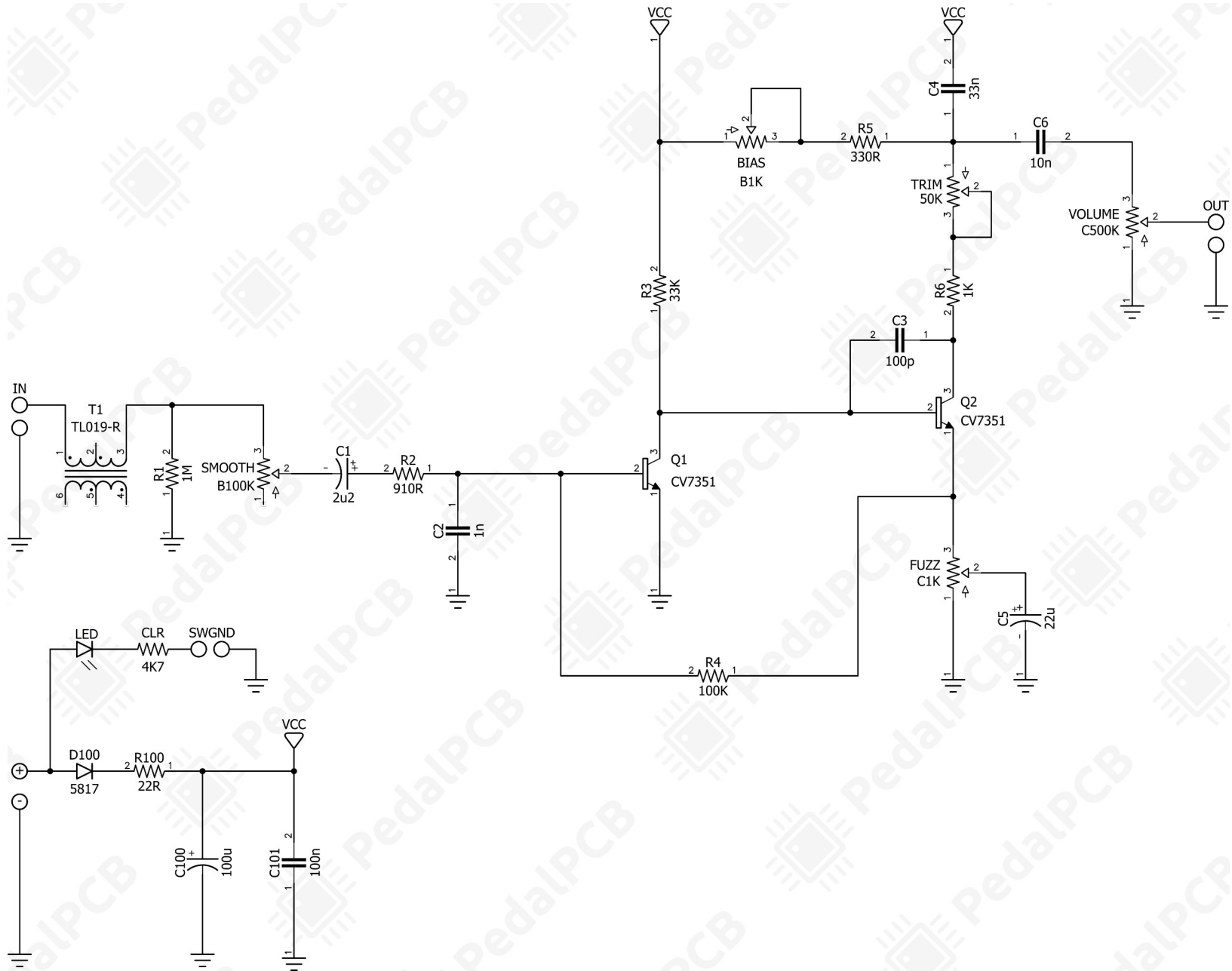
hFE=117 at Ic=5.02mA
 Vbe=0.362V at Ib=5.00mA
 VceSat=0.020V at Ic=5.0mA and Ib=1.00mA
 IcLeak=0.089mA

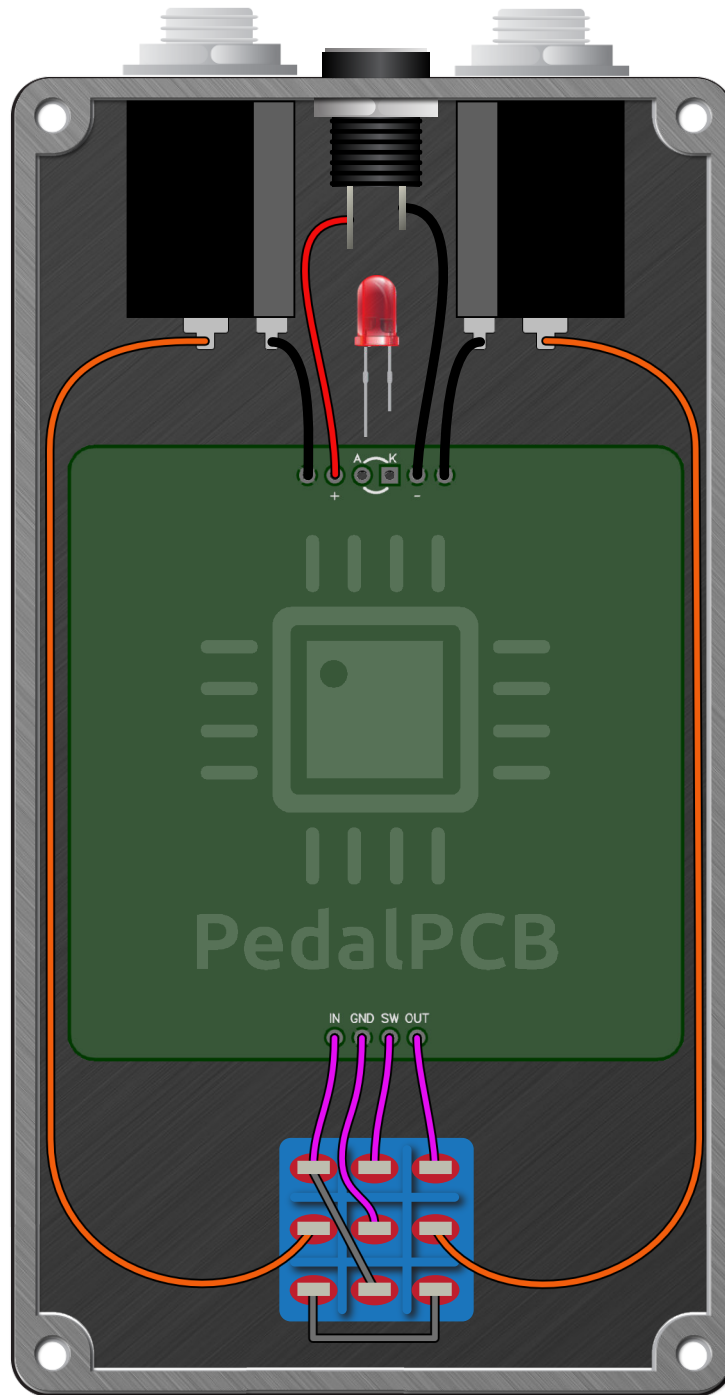
Q2

hFE=184 at Ic=5.05mA
 Vbe=0.362V at Ib=5.00mA
 VceSat=0.026V at Ic=5.0mA and Ib=1.00mA
 IcLeak=0.096mA

Tactical Fuzz

Schematic Diagram





Tactical Fuzz

Drill Template
125B Enclosure

