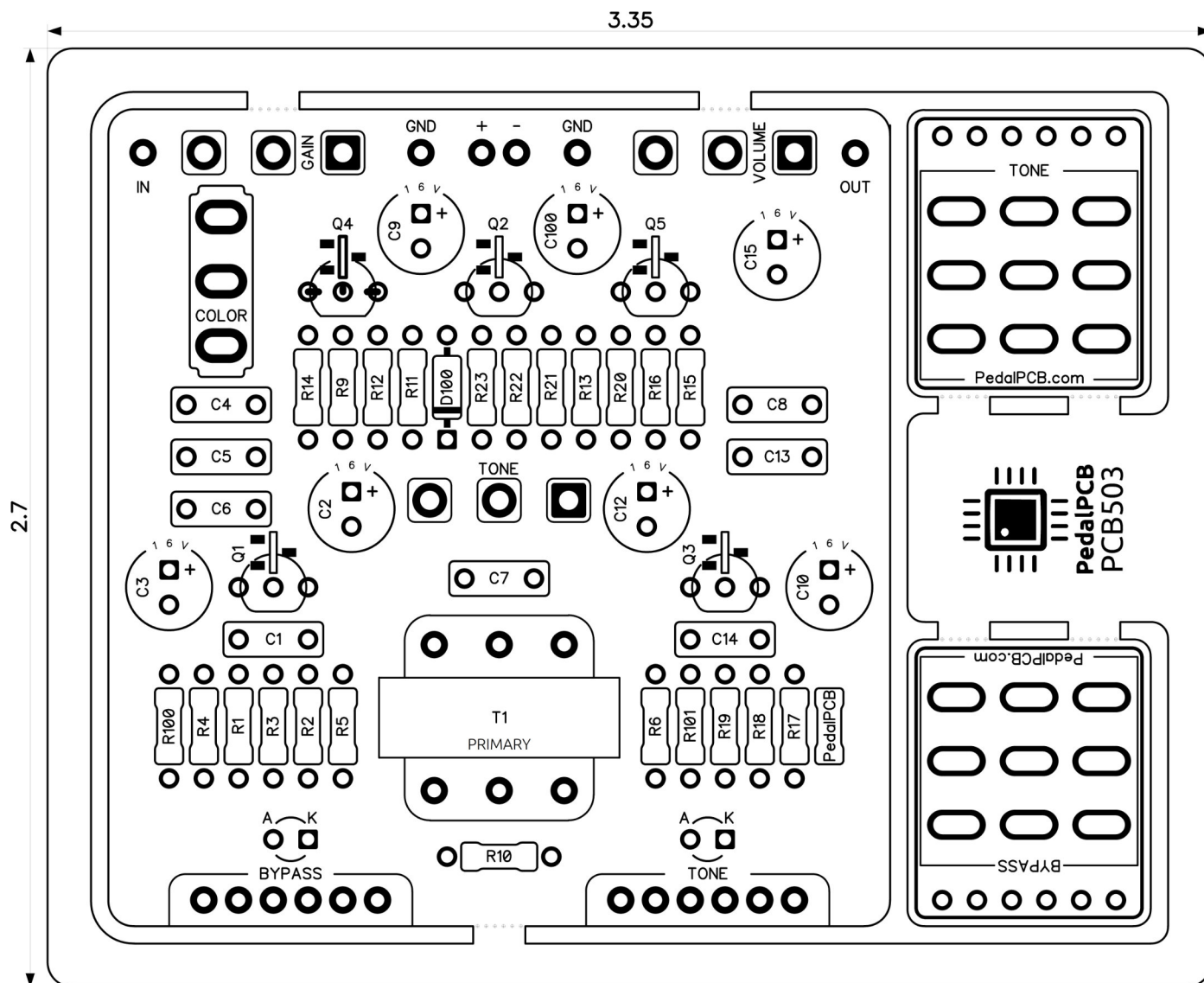


PedalPCB

Whipped Cream Overdrive

Revised 12/18/23



CONTROLS AND FEATURES

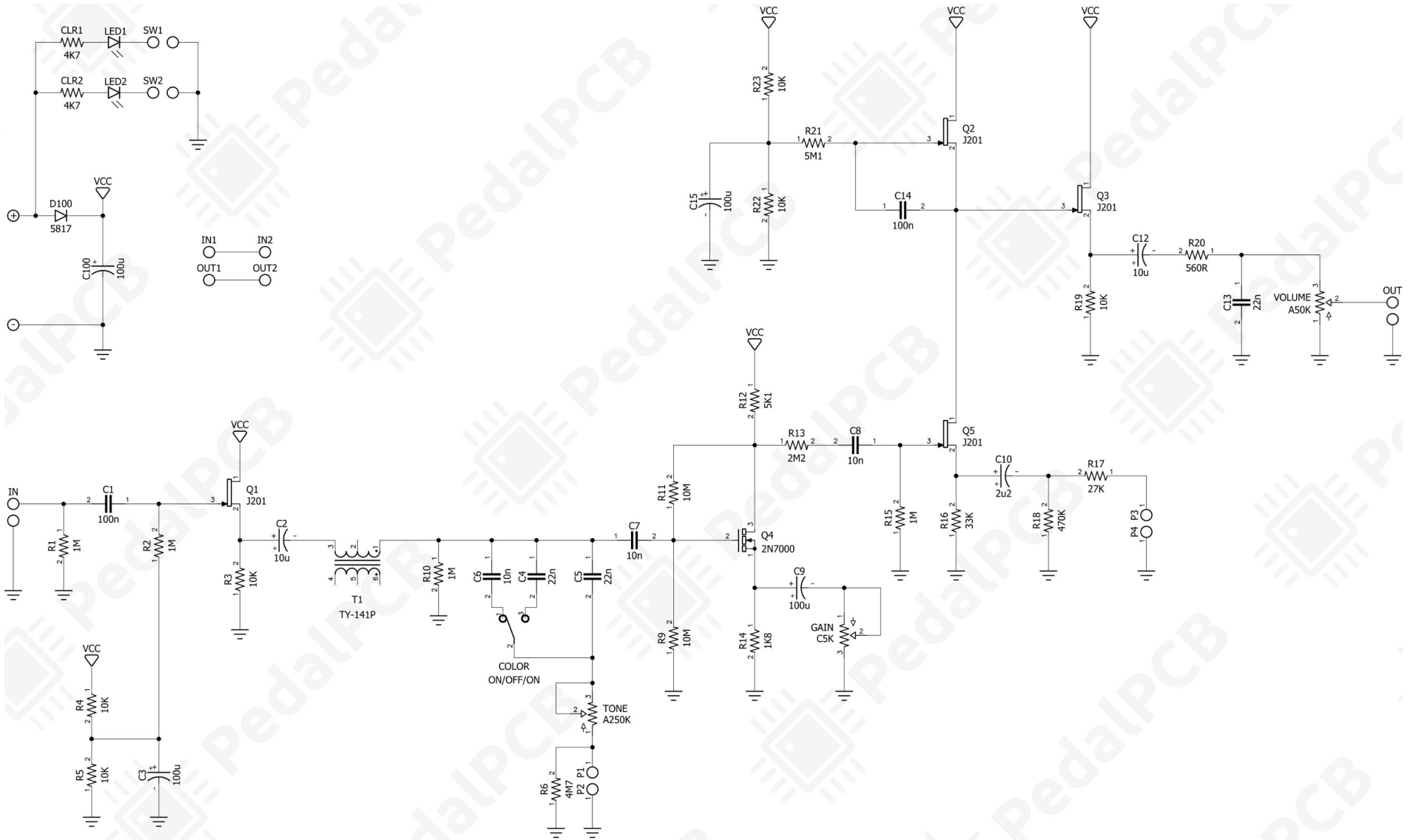
- Volume
- Tone
- Gain
- Color (Toggle switch)

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1M	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	4M7	Resistor, 1/4W	
R9	10M	Resistor, 1/4W	
R10	1M	Resistor, 1/4W	
R11	10M	Resistor, 1/4W	
R12	5K1	Resistor, 1/4W	
R13	2M2	Resistor, 1/4W	
R14	1K8	Resistor, 1/4W	
R15	1M	Resistor, 1/4W	
R16	33K	Resistor, 1/4W	
R17	27K	Resistor, 1/4W	
R18	470K	Resistor, 1/4W	
R19	10K	Resistor, 1/4W	
R20	560R	Resistor, 1/4W	
R21	5M1	Resistor, 1/4W	
R22	10K	Resistor, 1/4W	
R23	10K	Resistor, 1/4W	
CLR1	4K7	Resistor, 1/4W	* LED current limiting resistor
CLR2	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	100n	Film capacitor, 7.2 x 2.5mm	
C2	10u	Electrolytic capacitor, 5mm	
C3	100u	Electrolytic capacitor, 5mm	
C4	22n	Film capacitor, 7.2 x 2.5mm	
C5	22n	Film capacitor, 7.2 x 2.5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C7	10n	Film capacitor, 7.2 x 2.5mm	
C8	10n	Film capacitor, 7.2 x 2.5mm	
C9	100u	Electrolytic capacitor, 5mm	
C10	2u2	Electrolytic capacitor, 5mm	
C12	10u	Electrolytic capacitor, 5mm	
C13	22n	Film capacitor, 7.2 x 2.5mm	
C14	100n	Film capacitor, 7.2 x 2.5mm	
C15	100u	Electrolytic capacitor, 5mm	
C100	100u	Electrolytic capacitor, 5mm	
D100	1N5817	Schottky diode, DO-41	
Q1	J201	JFET transistor, N-channel	(Alternate MMBFJ201 SMD)
Q2	J201	JFET transistor, N-channel	(Alternate MMBFJ201 SMD)
Q3	J201	JFET transistor, N-channel	(Alternate MMBFJ201 SMD)
Q4	2N7000	N-Channel MOSFET	(Alternate 2N7002 SMD)
Q5	J201	JFET transistor, N-channel	(Alternate MMBFJ201 SMD)
T1	TY-141P	Audio Transformer	10KCT:10KCT
VOLUME	A50K	16mm right-angle PCB mount pot	
TONE	A250K	16mm right-angle PCB mount pot	
GAIN	C5K	16mm right-angle PCB mount pot	
COLOR	SPDT	Toggle switch, SPDT	3-position (ON/OFF/ON)

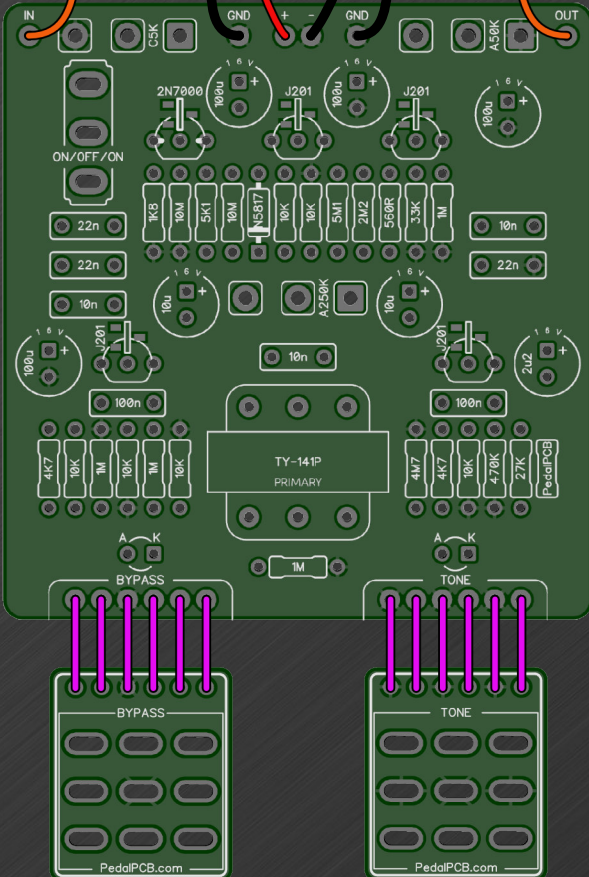
Whipped Cream Overdrive

Schematic Diagram





Wiring Diagram



Whipped Cream Overdrive

Drill Template
125B Enclosure

