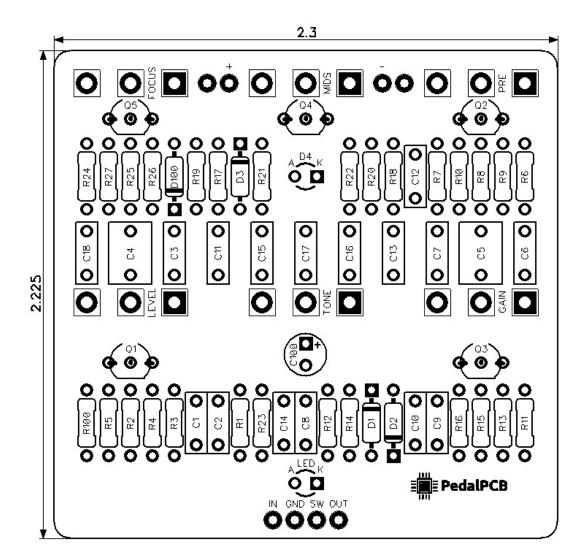


Thunder Pipe Overdrive

Revised 4/7/21



CONTROLS AND FEATURES

- Preamp
- Midrange
- Focus
- Gain
- Tone
- Level

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PedalPCB Thunder Pipe Overdrive Parts List (Page 1 of 2)

Parts List (Page 1 of 2)

LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	470K	Resistor, 1/4W	
R3	47K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	390R	Resistor, 1/4W	
R6	10K	Resistor, 1/4W	
R7	100K	Resistor, 1/4W	
R8	470K	Resistor, 1/4W	
R9	12K	Resistor, 1/4W	
R10	100R	Resistor, 1/4W	
R11	1K	Resistor, 1/4W	
R12	12K	Resistor, 1/4W	
R13	470K	Resistor, 1/4W	
R14	100K	Resistor, 1/4W	
R15	12K	Resistor, 1/4W	
R16	390R	Resistor, 1/4W	
R17	10K	Resistor, 1/4W	
R18	470K	Resistor, 1/4W	
R19	100K	Resistor, 1/4W	
R20	12K	Resistor, 1/4W	
R21	100R	Resistor, 1/4W	
R22	3K3	Resistor, 1/4W	
R23	56K	Resistor, 1/4W	
R24	470K	Resistor, 1/4W	
R25	100K	Resistor, 1/4W	
R26	10K	Resistor, 1/4W	
R27	1K8	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	
C1	100n	Film capacitor, 7.2 x 2.5mm	
C2	100n	Film capacitor, 7.2 x 2.5mm	
C3	100n	Film capacitor, 7.2 x 2.5mm	
C4	6n8	Film capacitor, 7.2 x 2.5mm	
C5	1u	Film capacitor, 7.2 x 5.0mm	
C6	470p	Ceramic capacitor	
C7	100n	Film capacitor, 7.2 x 2.5mm	
C8	100n	Film capacitor, 7.2 x 2.5mm	
C9	470p	Ceramic capacitor	
C10	100n	Film capacitor, 7.2 x 2.5mm	
C11	100n	Film capacitor, 7.2 x 2.5mm	
C12	470p	Ceramic capacitor	
C13	100n	Film capacitor, 7.2 x 2.5mm	
C14	3n3	Film capacitor, 7.2 x 2.5mm	
C15	47n	Film capacitor, 7.2 x 2.5mm	
C16	47n	Film capacitor, 7.2 x 2.5mm	
C17	100n	Film capacitor, 7.2 x 2.5mm	
C18	100n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	

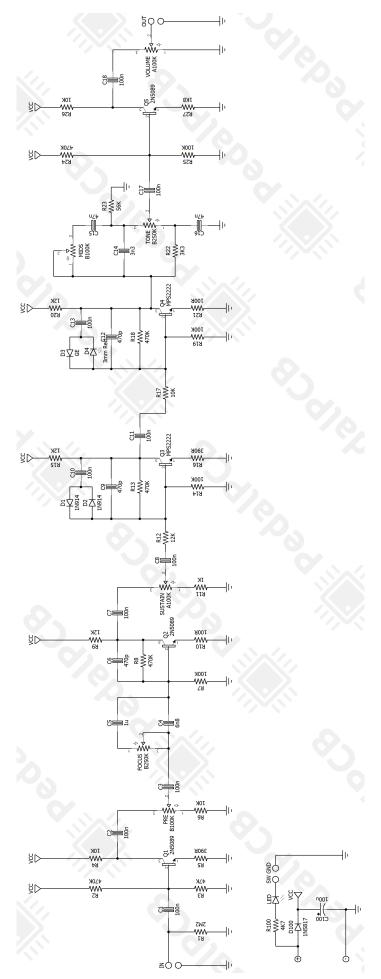


PedalPCB Thunder Pipe Overdrive Parts List (Page 2 of 2)

Parts List (Page 2 of 2)

LOCATION	VALUE	ТҮРЕ	NOTES
D1	1N914	Signal diode, DO-35	
D2	1N914	Signal diode, DO-35	
D3	GE	Germanium Diode	(1N34A, 1N270, D9E, etc)
D4	3mm Red	3mm Red LED, Diffused	
D100	1N5817	Schottky diode, DO-41	
Q1	2N5089	BJT transistor, NPN TO-92	
Q2	2N5089	BJT transistor, NPN TO-92	
Q3	MPS2222	BJT transistor, NPN TO-92	
Q4	MPS2222	BJT transistor, NPN TO-92	
Q4 Q5	2N5089	BJT transistor, NPN TO-92	
PRE	B100K	16mm right-angle PCB mount pot	
MIDS	B100K	16mm right-angle PCB mount pot	
FOCUS	B250K	16mm right-angle PCB mount pot	
GAIN	A100K	16mm right-angle PCB mount pot	
TONE	B250K	16mm right-angle PCB mount pot	
LEVEL	A100K	16mm right-angle PCB mount pot	

Thunder Pipe Overdrive Schematic Diagram

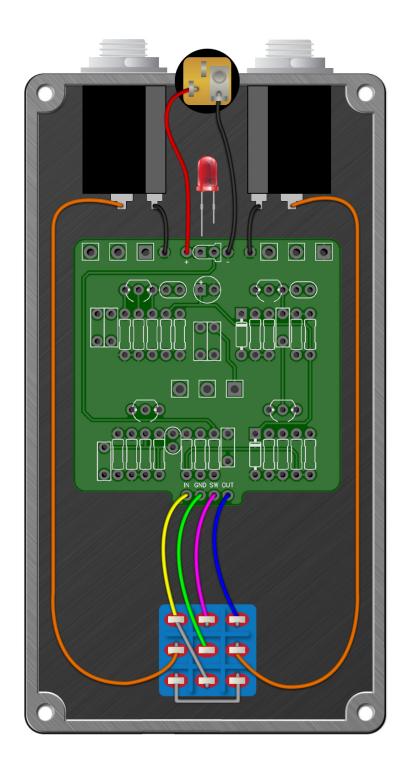


E PedalPCB



PedalPCB Thunder Pipe Overdrive

Wiring Diagram





E PedalPCB Thunder Pipe Overdrive

Drill Template 125B Enclosure

