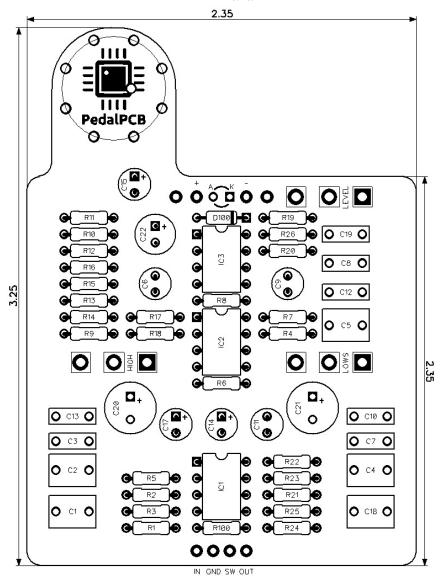


Revised 6/28/21



#### **CONTROLS AND FEATURES**

- Level
- Drive
- Lows
- Highs

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# **Polar Cap Fuzz**

Parts List (Page 1 of 1)

LOCATION	VALUE	TYPE	NOTES
R1	10K	Resistor, 1/4W	
R2	750K	Resistor, 1/4W	
R3	100K	Resistor, 1/4W	
R4	12K4	Resistor, 1/4W	
R5	1K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	1K	Resistor, 1/4W	
R8	220R	Resistor, 1/4W	
R9	680R	Resistor, 1/4W	
R10	1M2	Resistor, 1/4W	
R11	2M4	Resistor, 1/4W	
R12	750K	Resistor, 1/4W	
R13	47K	Resistor, 1/4W	
R14	100K	Resistor, 1/4W	
R15	200K	Resistor, 1/4W	
R16	392K	Resistor, 1/4W	
R17	1K	Resistor, 1/4W	
R18	680R	Resistor, 1/4W	
R19	1K	Resistor, 1/4W	
R20	1K	Resistor, 1/4W	
R21	10K	Resistor, 1/4W	
R22	523R	Resistor, 1/4W	
R23	220R	Resistor, 1/4W	
R24	1K	Resistor, 1/4W	
R25	100K	Resistor, 1/4W	
R26	4R7	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	
11100	1137	resistor, if iv	
C1	1u	Film capacitor, 7.2 x 5.0mm	
C2	470n	Film capacitor, 7.2 x 5.0mm	
C3	100p	Ceramic capacitor	
C4	220n	Film capacitor, 7.2 x 2.5mm	
C4 C5 C6 C7	220n	Film capacitor, 7.2 x 2.5mm	
C6	4u7	Electrolytic capacitor, 5mm	* 50V minimum, Non-Polar
C7	100n	Film capacitor, 7.2 x 2.5mm	, , , , , , , , , , , , , , , , , , , ,
C8 C9	100n	Film capacitor, 7.2 x 2.5mm	
C9	4u7	Electrolytic capacitor, 5mm	* 50V minimum, Non-Polar
C10	15n	Film capacitor, 7.2 x 2.5mm	, , , , , , , , , , , , , , , , , , , ,
C11	4u7	Electrolytic capacitor, 5mm	* 50V minimum, Non-Polar
C12	100n	Film capacitor, 7.2 x 2.5mm	, , , , , , , , , , , , , , , , , , , ,
C13	100n	Film capacitor, 7.2 x 2.5mm	
C14	10u	Electrolytic capacitor, 5mm	* 25V minimum
C15	10u	Electrolytic capacitor, 5mm	* 25V minimum
C17	10u	Electrolytic capacitor, 5mm	* 25V minimum
C18	100p	Ceramic capacitor	20111111111111
C19	100p	Film capacitor, 7.2 x 2.5mm	
	1.00	especies, 112 x 21011111	
		<u> </u>	<u> </u>



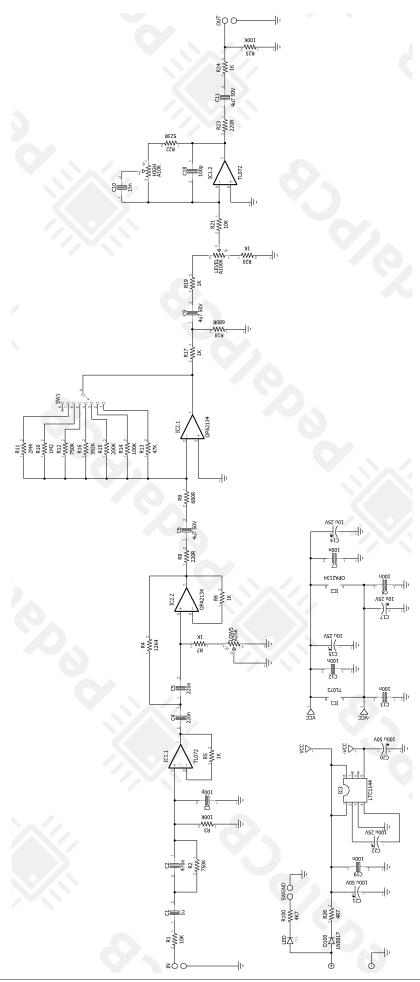
# **Polar Cap Fuzz**

Parts List (Page 1 of 1)

LOCATION	VALUE	TYPE	NOTES
C20	100u	Electrolytic capacitor, 5mm	* 50V minimum
C21	100u	Electrolytic capacitor, 5mm	* 50V minimum
C22	100u	Electrolytic capacitor, 5mm	* 25V minimum
OZZ	1000		20 ( )
D100	1N5817	Schottky diode, DO-41	
D 100	INJOT7	Schottky diode, DO-41	
IC1	TL072	Dual op-amp, DIP8	
IC2	OPA2134	Dual op amp DID9	
IC3		Dual op-amp, DIP8	
103	LTC1144	Charge pump IC, DIP8	
	A 100K	16 many right angle DCD may not	
LEVEL	A100K	16mm right-angle PCB mount pot	
LOWS	A25K	16mm right-angle PCB mount pot	
HIGH	A10K	16mm right-angle PCB mount pot	
DDI) /5	450T	10 11:50 1 11:10	
DRIVE	1P8T	16mm Mini Rotary switch, 1P8T	
	+		

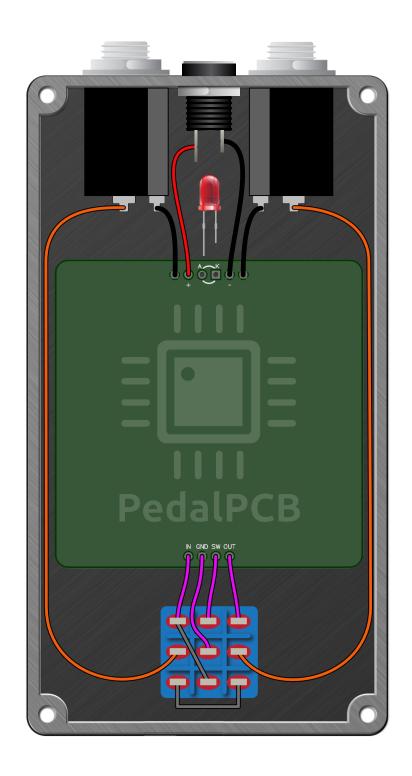
# FIII PedalPCB

# Polar Cap Fuzz Schematic Diagram





# Polar Cap Fuzz Wiring Diagram





### **Polar Cap Fuzz**

Drill Template

125B Enclosure

