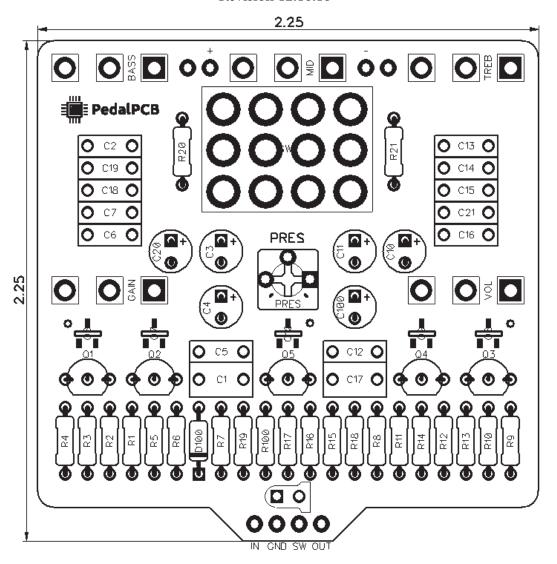


Revision 12.16.18



### **Controls**

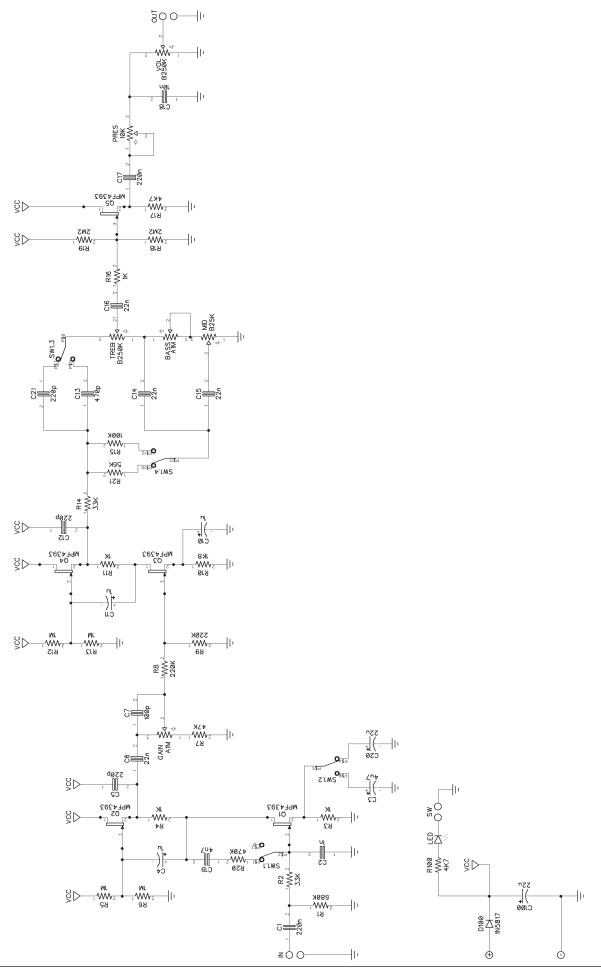
- Volume
- Preamp
- Treble
- Mid
- Bass
- **Presence** (Trim pot)
- **Voice** (Toggle switch)

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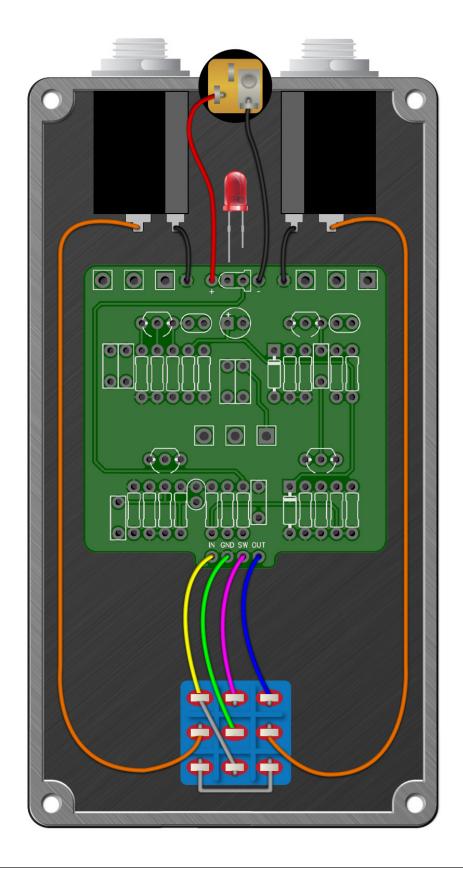
## Parts List

RESISTORS (1/4W)		CAPACITORS		TRANSISTORS		
R1	680K	C1	220n	Choos	Choose between Through-Hole or SMD	
R2	33K	C2	1n		·	
R3	1K	C3	4u7	Throu	gh-Hole	
R4	1K	C4	1u	Q1	MPF4393	
R5	1M	C5	220p	Q2	MPF4393	
R6	1M	C6	22n	Q3	MPF4393	
R7	47K	C7	100p	Q4	MPF4393	
R8	220K	C10	1u	Q5	MPF4393	
R9	220K	C11	1u			
R10	1K8	C12	220p	SMD		
R11	1K	C13	470p	Q6	MMBF4393	
R12	1M	C14	22n	Q7	MMBF4393	
R13	1M	C15	22n	Q8	MMBF4393	
R14	33K	C16	22n	Q9	MMBF4393	
R15	100K	C17	220n	Q10	MMBF4393	
R16	1K	C18	10n			
R17	4K7	C19	4n7	DIODES		
R18	2M2	C20	22u	D100	1N5817	
R19	2M2	C21	220p			
R20	470K	C100	22u	POTENTIOMETERS		
R21	56K			VOL	B250K	
R100	4K7	SWITC	CHES	GAIN	A1M	
		SW1	4PDT Toggle	TREB	B250K	
				MID	B25K	
				BASS	A1M	
				TRIM POTS (3362P)		
				PRES	10K	





Wiring Diagram





Drill Template 125B enclosure with top mounted jacks

