# PedalPCB

Ionizer 2

Revision 06.23.18
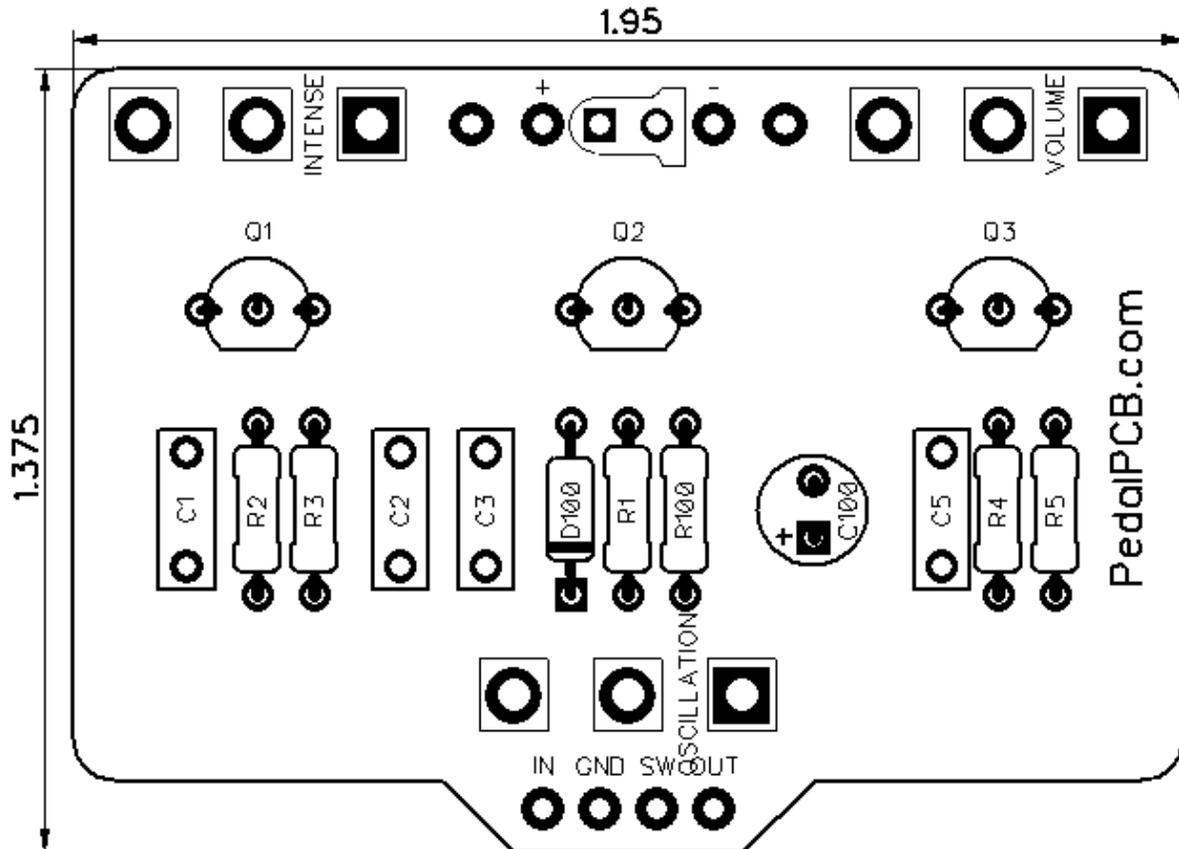
Controls
- **Volume** - Controls the overall output volume
- **Intensity** - Controls the level of fuzz
- **Oscillation** - Controls the amount of voltage/current starve

Ionizer 2
Parts List

RESISTORS

R1	1K
R2	2M2
R3	10K
R4	2M2
R5	10K
R100	4K7

POTENTIOMETERS

VOLUME	B100K
INTENSE	B100K
OSCILLATION	B100K

CAPACITORS

C1	100n
C2	100n
C3	100n
C5	100n
C100	47u

TRANSISTORS

Q1	MPSA18
Q2	MPSA18
Q3	2N2907A

DIODES

D100	1N5817

Common offboard components (enclosure, footswitch, jacks, etc) are not listed

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IN GND SW OUT

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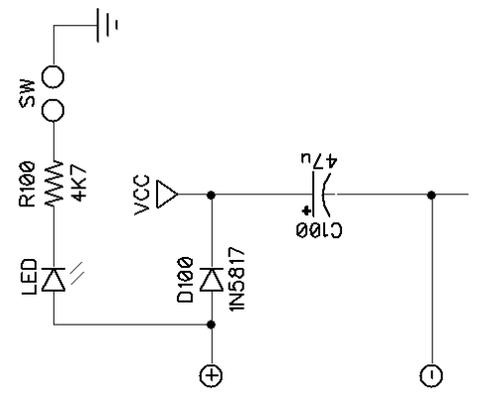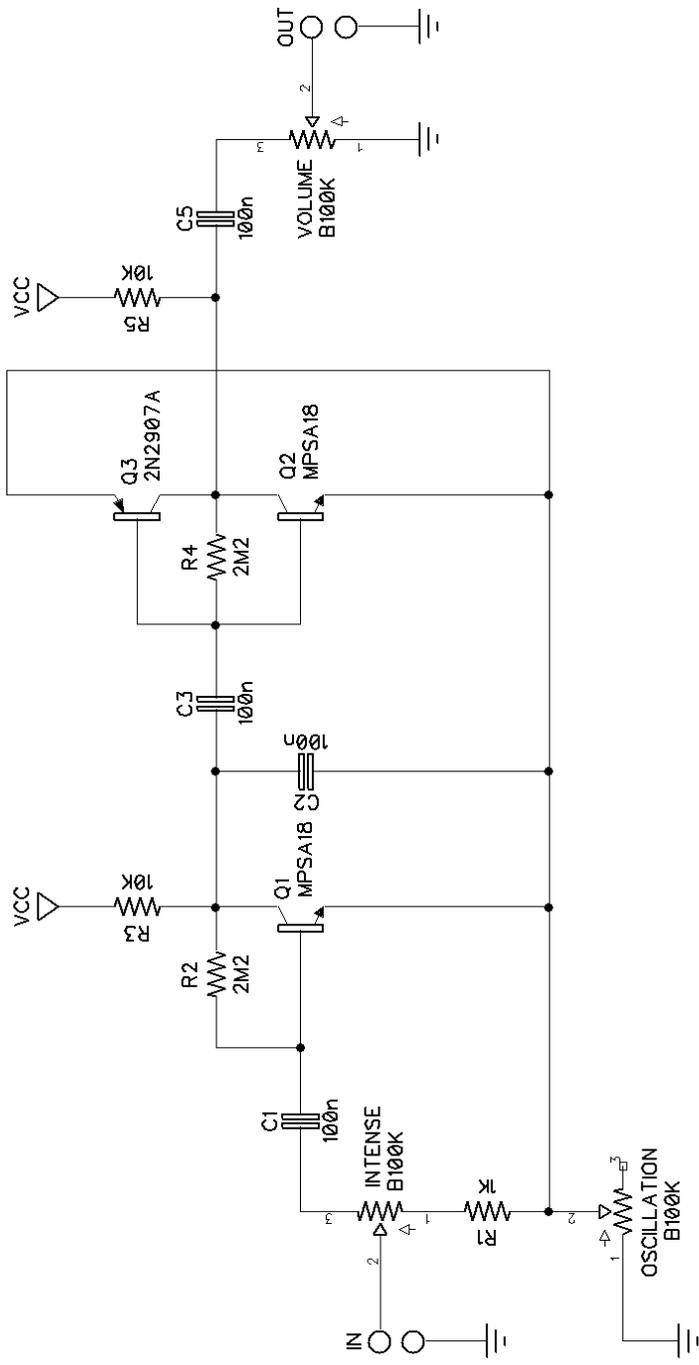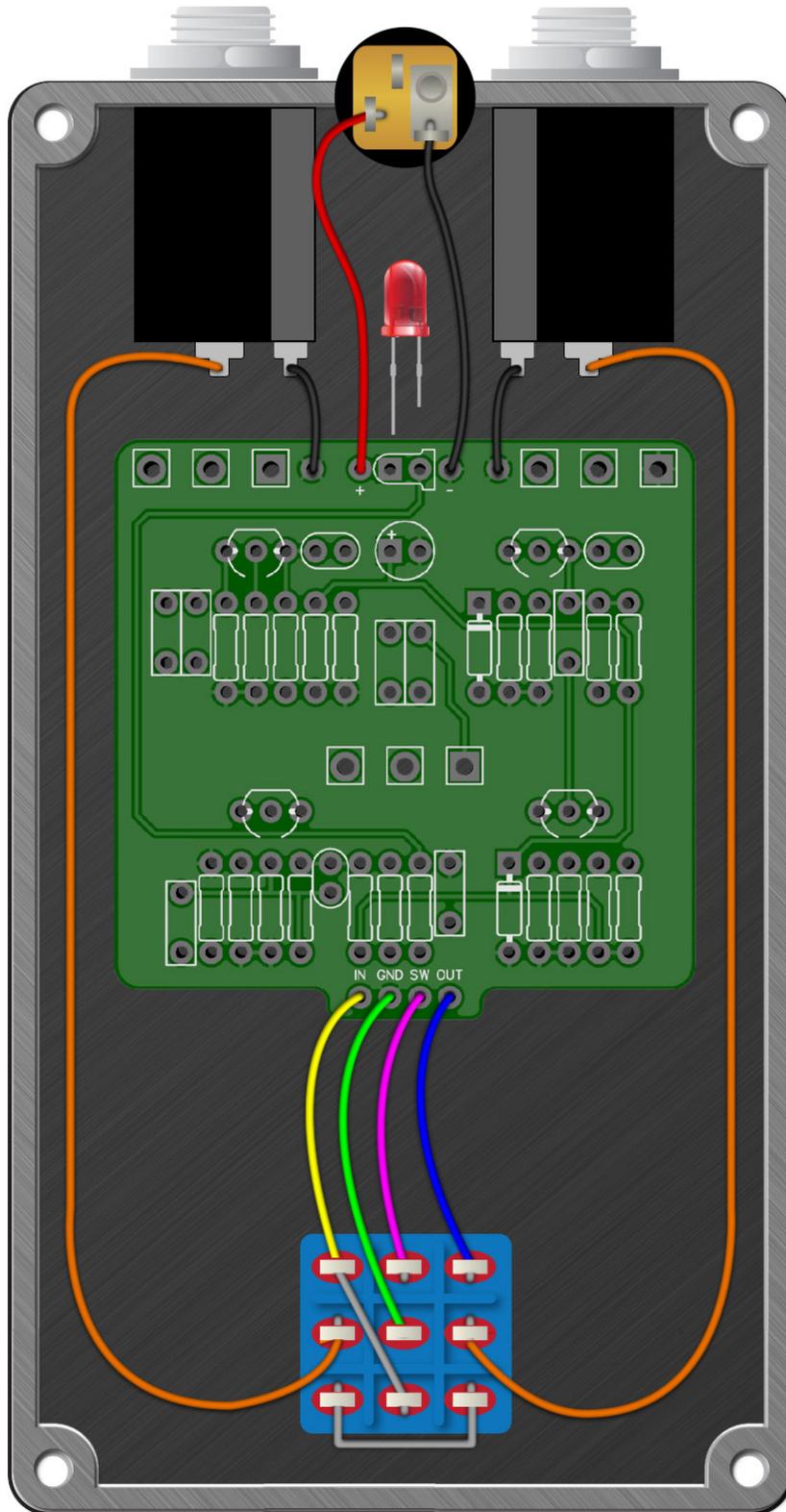
Ionizer 2
Drill Template
125B enclosure with top mounted jacks

OUTPUT JACK

DC JACK

INPUT JACK

POTENTIOMETER

LED

POTENTIOMETER

POTENTIOMETER

FOOTSWITCH

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