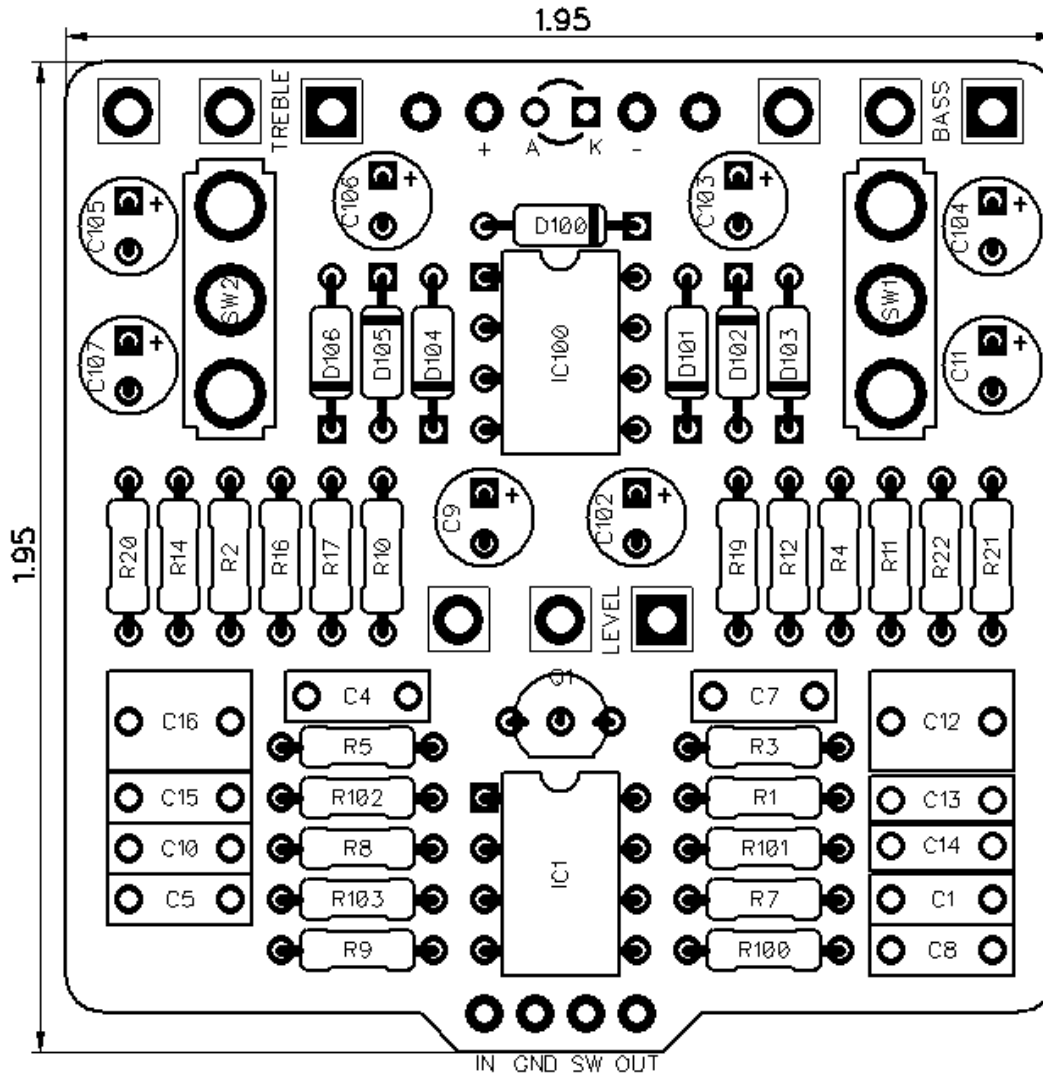




PedalPCB

Isosceles Boost

Revision 04.07.19



Controls

- **Level** - Controls overall output volume
- **Treble** - Controls Treble (in Preamp mode)
- **Bass** - Controls Bass (in Preamp mode)
- **Boost / Preamp** (Toggle Switch) - Toggles between Boost and Preamp modes
- **Triangulate / Crush** (Toggle Switch) - Toggles between Triangulate / Crush Boost

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Isosceles Boost

Parts List

RESISTORS (1/4W)

R1 100K
R2 160R
R3 100K
R4 16K
R5 1M
R7 220K
R8 4K7
R9 10M
R10 220R
R11 9K1
R12 2K7
R14 2K2
R16 20K
R17 3K9
R19 220R
R20 470R
R21 4K7
R22 8K2
R100 4K7
R101 10K
R102 100K
R103 820K

CAPACITORS

C1 220n
C4 4n7
C5 47n
C7 22n
C8 100p
C9 4u7
C10 47n
C11 4u7
C12 1u
C13 10n
C14 100n
C15 47n
C16 470n
C102 10u (25V or higher)
C103 10u (25V or higher)
C104 10u (**35V** or higher)
C105 10u (**35V** or higher)
C106 10u (**35V** or higher)
C107 100u (**35V** or higher)

TRANSISTORS

Q1 BC550C

INTEGRATED CIRCUITS

IC1 TL071
IC100 TC1044SCPA

DIODES

D100 1N5817
D101 1N4001
D102 1N4001
D103 1N4001
D104 1N4001
D105 1N4001
D106 1N4001

POTENTIOMETERS

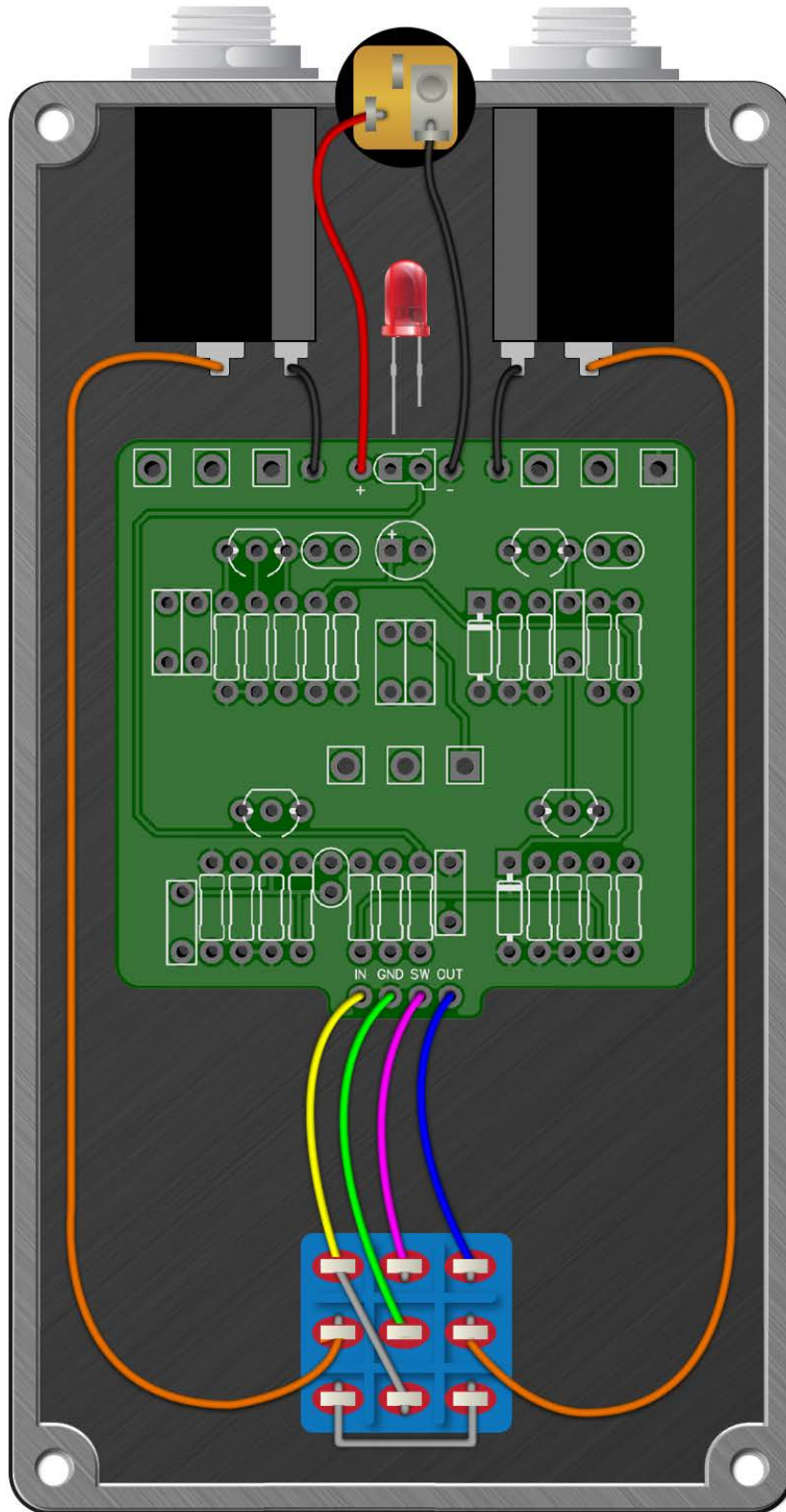
LEVEL A5K
BASS C50K
TREBLE C50K

SWITCHES

SW1 - SPDT ON/ON
SW2 - SPDT ON/ON

Isosceles Boost

Wiring Diagram



Isosceles Boost

Drill Template
125B enclosure with top mounted jacks

