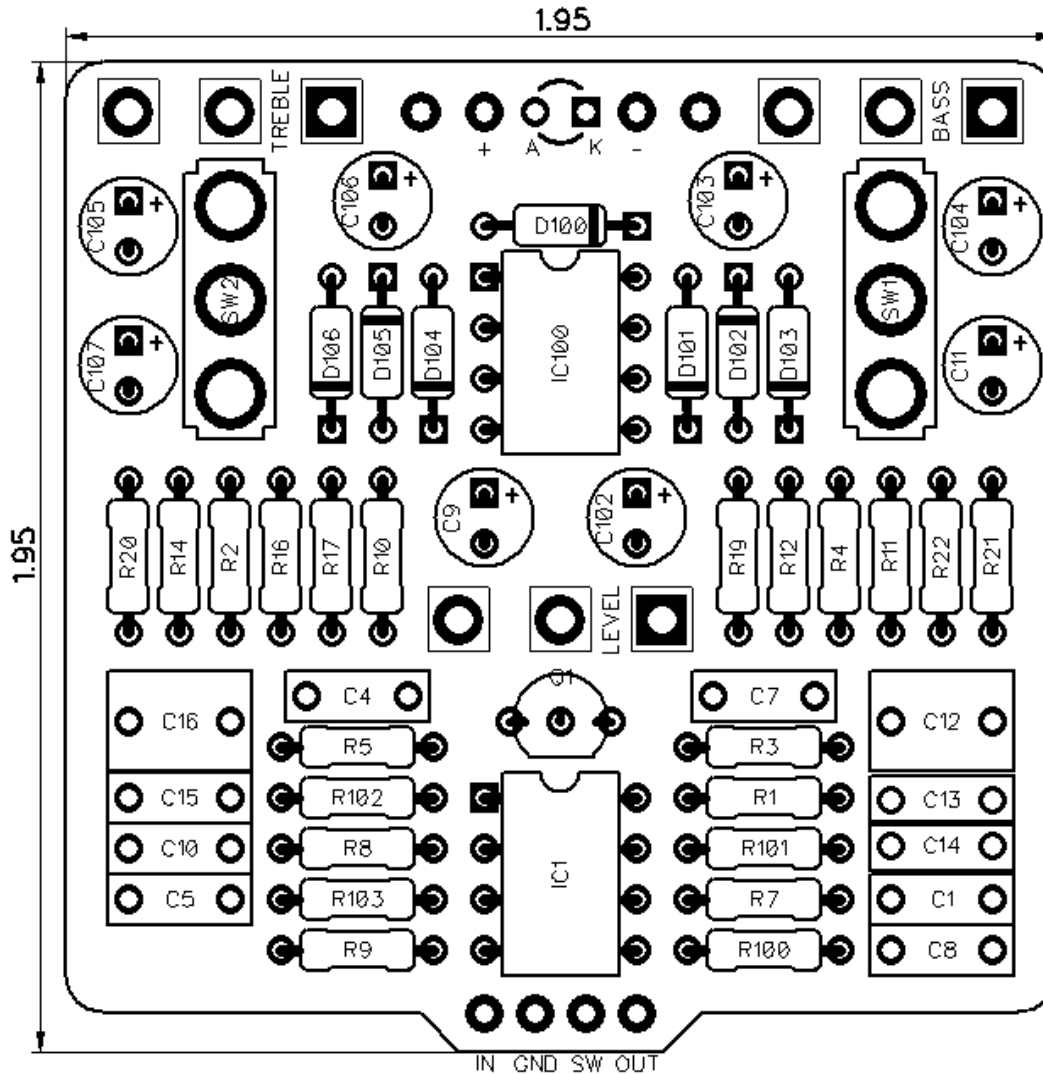




# PedalPCB

## Isosceles Boost

Revision 04.21.19



### 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

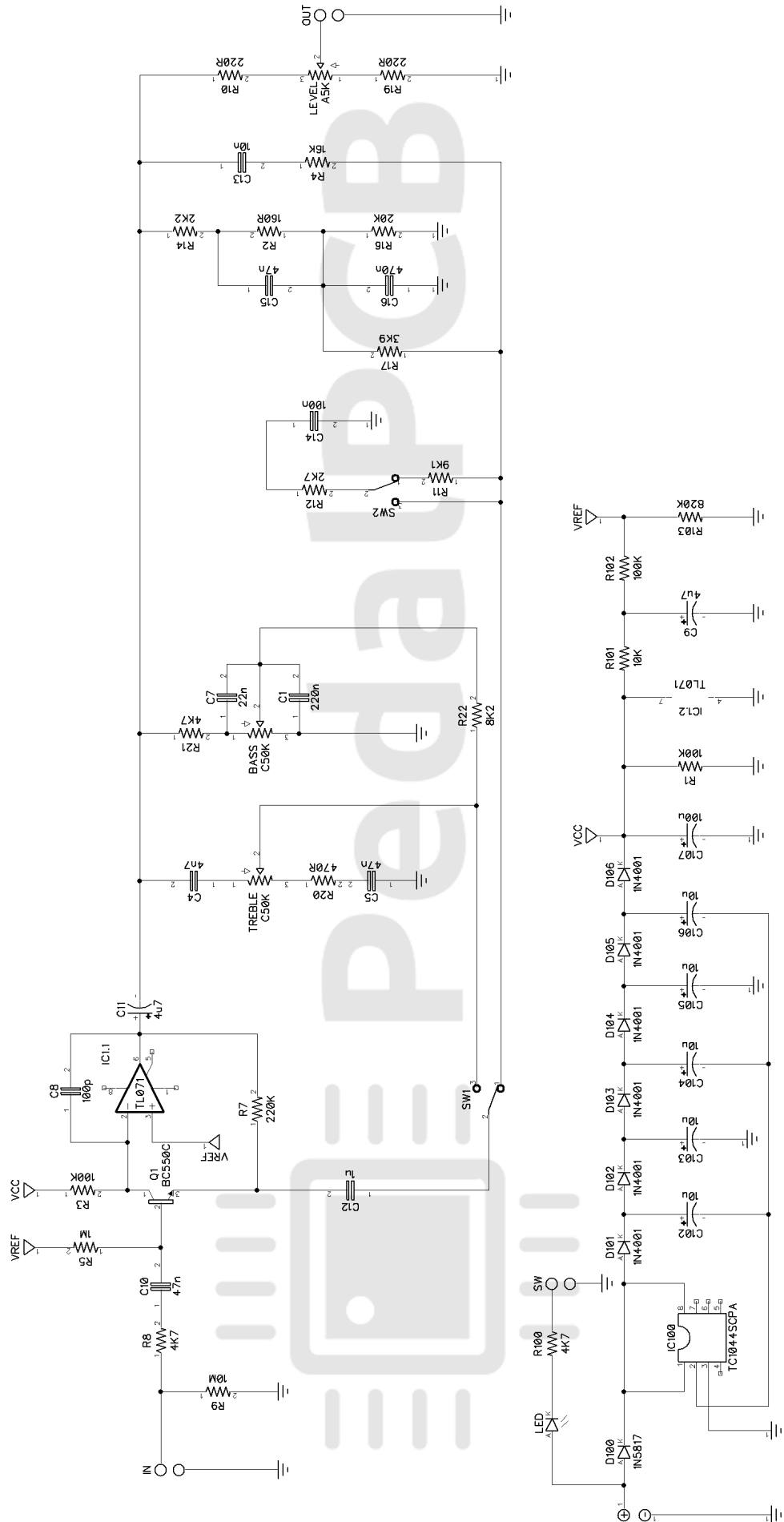
### POTENTIOMETERS

LEVEL A5K  
BASS C50K  
TREBLE C50K

### SWITCHES

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

# Isosceles Boost



# Isosceles Boost

Wiring Diagram



# Isosceles Boost

Drill Template  
125B enclosure with top mounted jacks

