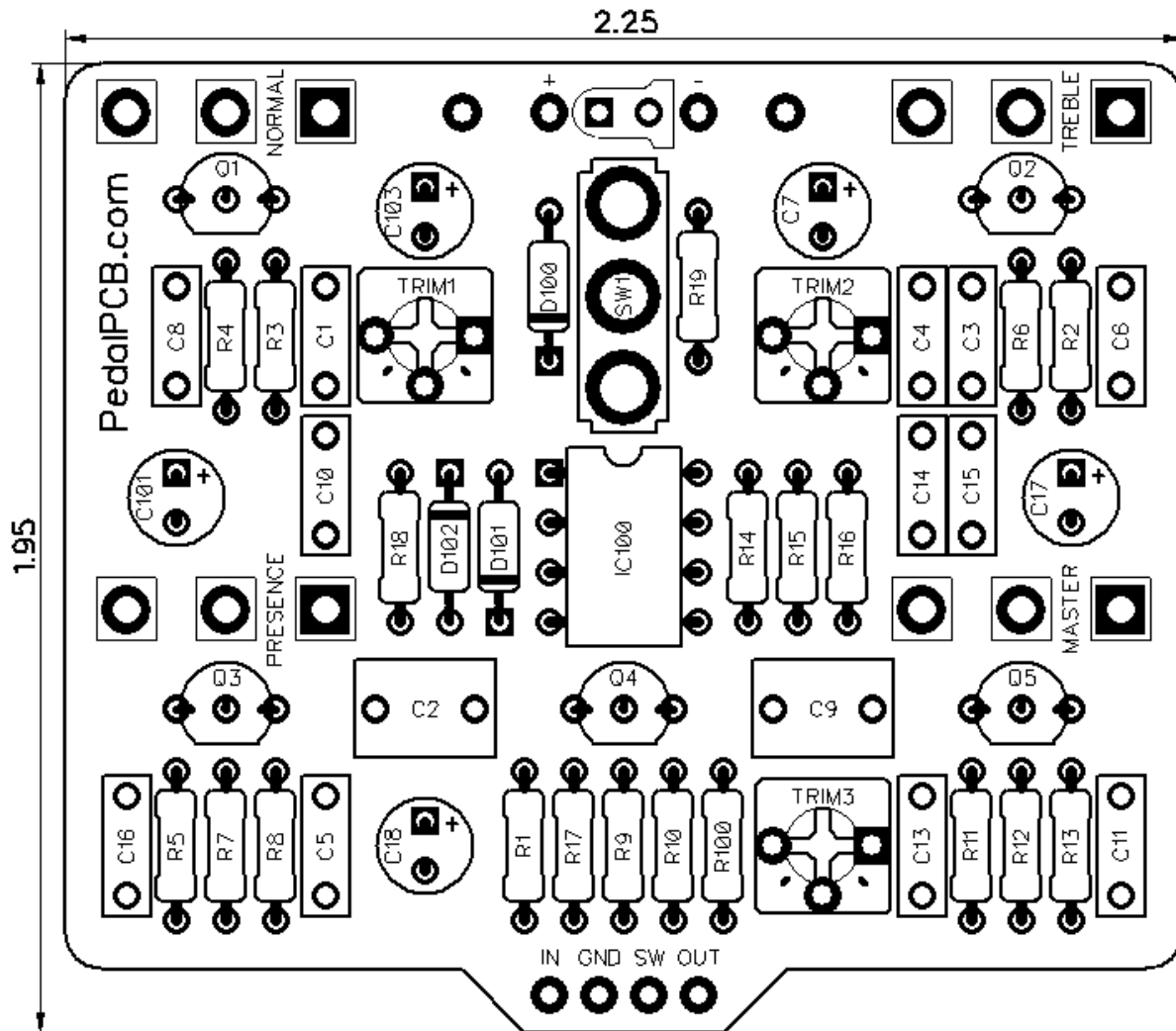




# PedalPCB

## Marble Drive

Revision 01.14.19



### Controls

- **Master** - Controls the overall output volume
- **Normal** - Controls the volume of the “Normal” channel
- **Treble** - Controls the volume of the “Treble” channel
- **Presence** - Controls the master presence
- **Power (toggle switch)** - Toggles between 9V / 18V operation

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**RESISTORS**

R1 1M  
R2 33K  
R3 33K  
R4 2K7  
R5 470K  
R6 820R  
R7 470K  
R8 1M  
R9 1M  
R10 1M  
R11 100K  
R12 1K  
R13 68K  
R14 22K  
R15 22K  
R16 27K  
R17 47R  
R18 47R  
R19 10K  
R100 4K7

**POTENTIOMETERS**

MASTER A25K  
NORMAL A1M  
TREBLE A1M  
PRESENCE A500K

**TRIM POTS (3362P)**

TRIM1 50K  
TRIM2 50K  
TRIM3 50K

**CAPACITORS**

C1 330p  
C2 680n  
C3 2n2  
C4 470p  
C5 470p  
C6 180p  
C7 330u  
C8 22n  
C9 1u  
C10 100n  
C11 180p  
C13 100n  
C14 1n5  
C15 2n2  
C16 3n9  
C17 220u  
C18 220u  
C101 10u  
C103 100u

**SWITCHES**

SW1 (Voltage) SPDT Toggle (On/On)

**INTEGRATED CIRCUITS**

IC100 TC1044SCPA

**TRANSISTORS**

Q1 J201  
Q2 J201  
Q3 J201  
Q4 J201  
Q5 J201

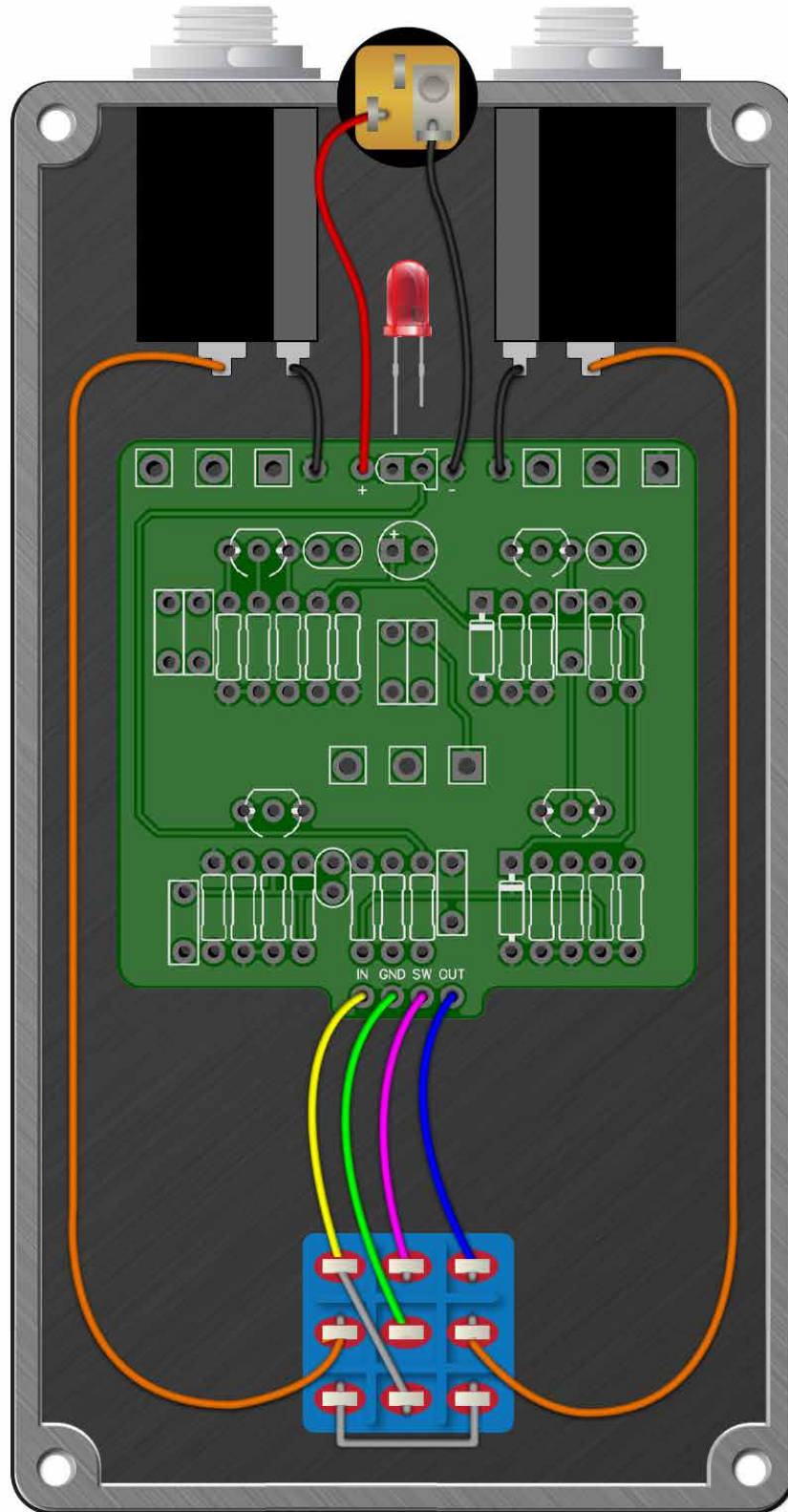
**DIODES**

D100 1N5817  
D101 1N5817  
D102 1N5817



# Marble Drive

Wiring Diagram



# Marble Drive

Drill Template  
125B enclosure with top mounted jacks

