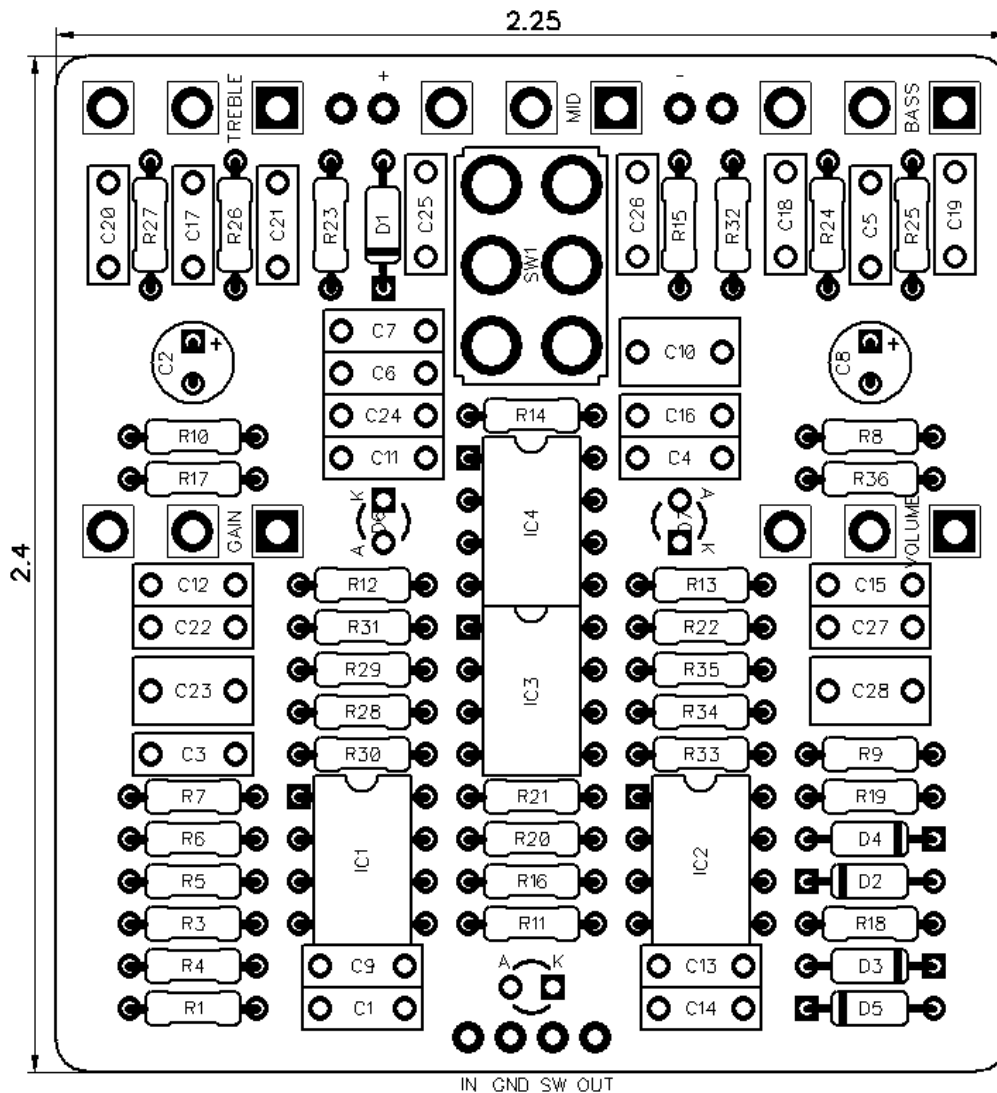




PedalPCB

Tyrian Distortion

Revision 06.14.20



Controls

- Volume
- Gain
- Treble
- Mid
- Bass
- Character (Toggle Switch)

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Tyrian Distortion

Parts List

RESISTORS (1/4W)

R1 1M
 R3 470K
 R4 4K7
 R5 10K
 R6 47K
 R7 82K
 R8 20K
 R9 20K
 R10 33K
 R11 10K
 R12 1K5
 R13 1K5
 R14 33K
 R15 10K
 R16 33K
 R17 56K
 R18 22K
 R19 56K
 R20 4K7
 R21 82K
 R22 4K7
 R23 56K
 R24 82K
 R25 2K
 R26 4K7
 R27 100K
 R28 470K
 R29 22K
 R30 150K
 R31 22K
 R32 10K
 R33 1K5
 R34 10K
 R35 470K
 R36 2K

CAPACITORS

C1 22n
 C2 100u
 C3 100p
 C4 100n
 C5 100n
 C6 2n2
 C7 2n2
 C8 22u
 C9 1n
 C10 220n
 C11 100p
 C12 22n
 C13 100p
 C14 100p
 C15 22n
 C16 10n
 C17 4n7
 C18 47n
 C19 100n
 C20 4n7
 C21 47n
 C22 47n
 C23 220n
 C24 2n2
 C25 10n
 C26 10n
 C27 100p
 C28 220n

INTEGRATED CIRCUITS

IC1 TL072
 IC2 TL072
 IC3 TL072
 IC4 TL072

DIODES

D1 1N5817
 D2 1N4148
 D3 1N4148
 D4 1N4148
 D5 1N4148
 D6 3mm Red LED
 D7 3mm Red LED

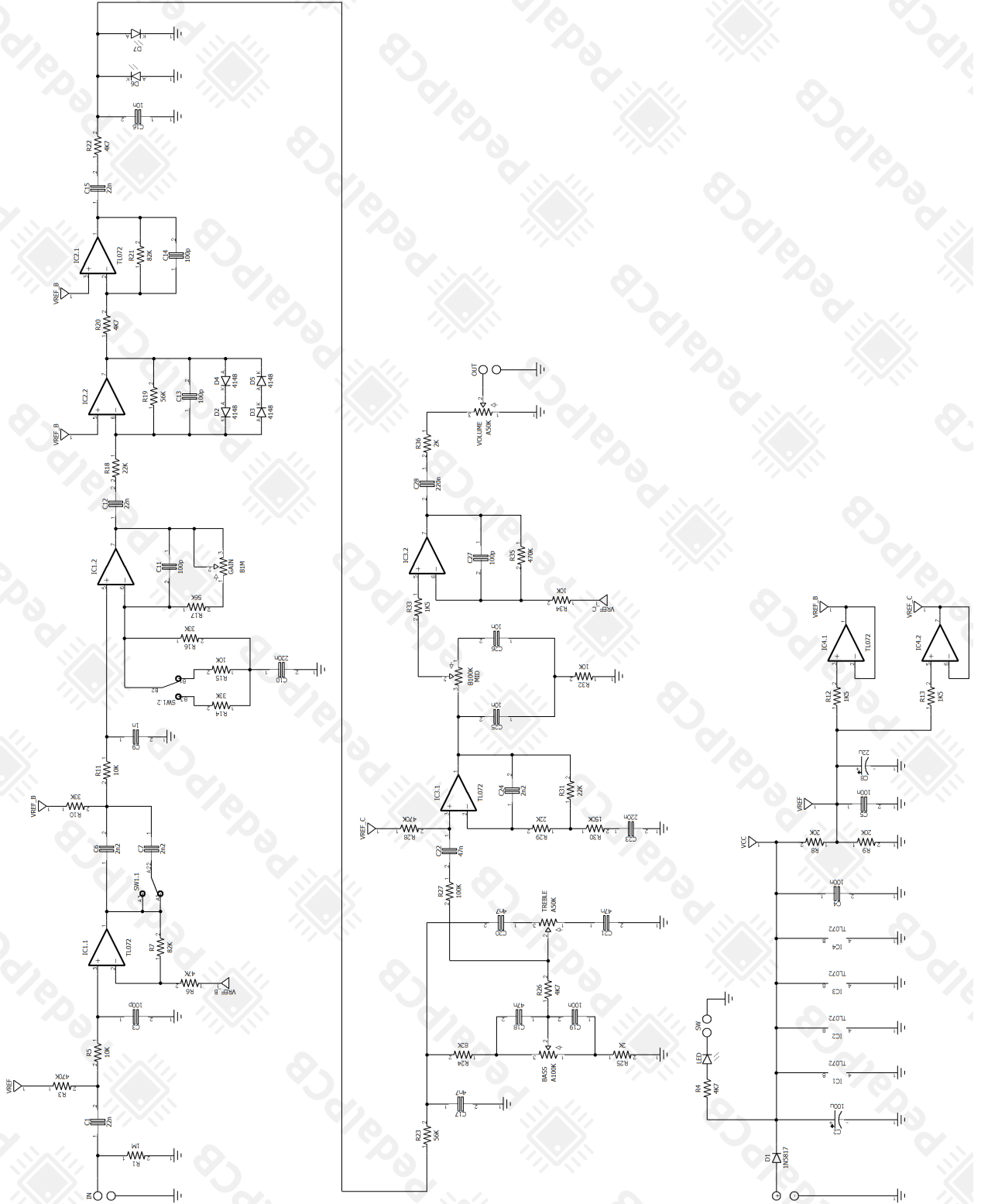
POTENTIOMETERS

VOLUME A50K
 GAIN B1M
 TREBLE A50K
 MID B100K
 BASS A100K

SWITCHES

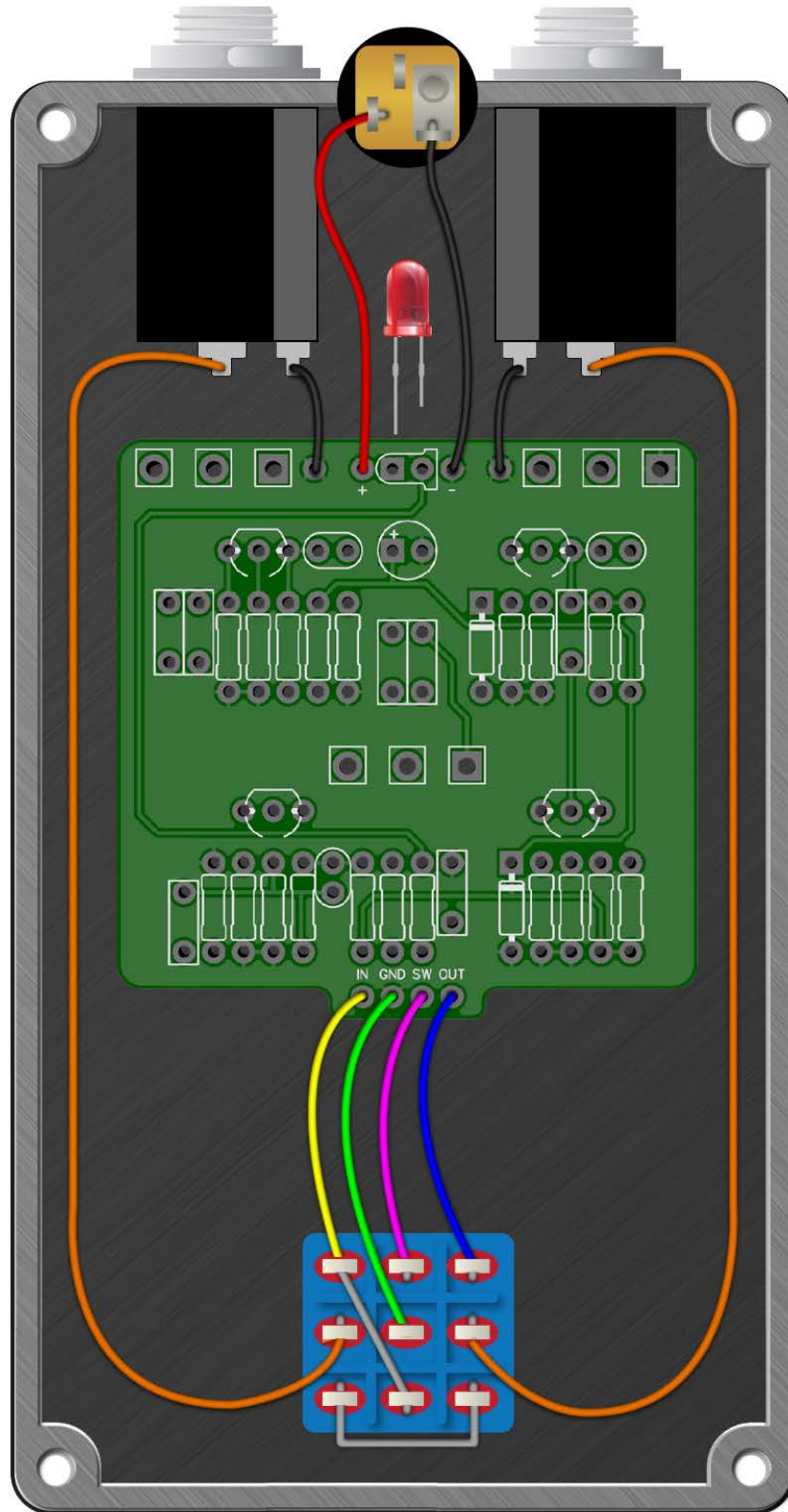
SW1 DPDT Toggle (On/Off/On)

Tyrian Distortion



Tyrian Distortion

Wiring Diagram



Tyrian Distortion

Drill Template
125B Enclosure

