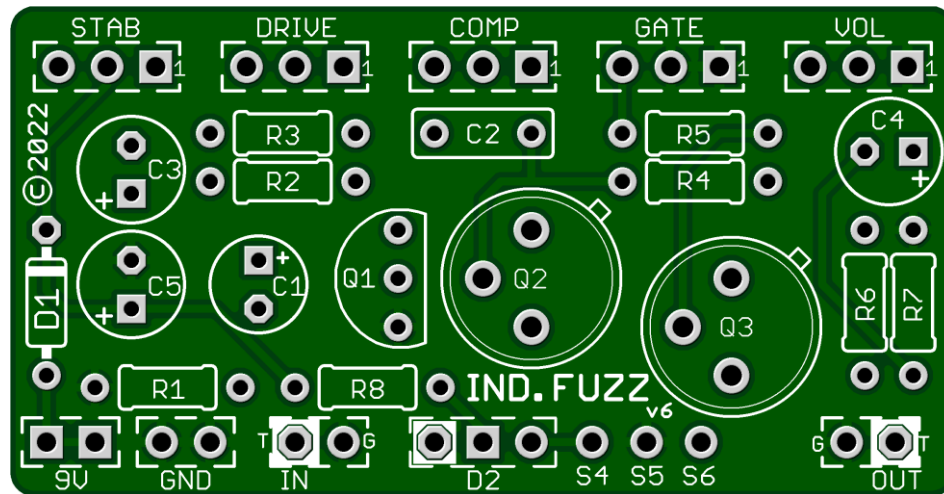


# Industrial Fuzz v6 2022

*This is a wild and flexible fuzz circuit board from GuitarPCB.com. It can produce classic fuzz face tones, self-oscillating sounds, octave fuzz, and a variety of normal and weird sounds using 5 knobs.*



Board size: 1.95" x 1.01"

Part	Value
D1	1N5817
D2	Status LED
R1	1M
R2	220K
R3	10K
R4	47K
R5	470R
R6	5K1
R7	220K
C1	10u
C2	100n

Part	Value
C3	10u
C4	10u
C5	47u
COMP	B10K
DRIVE	B10K
GATE	B10K
STAB	B5K
VOL	B5K
Q1	2N3904
Q2-Q3	PNP
R8	CLR

## STATUS LED

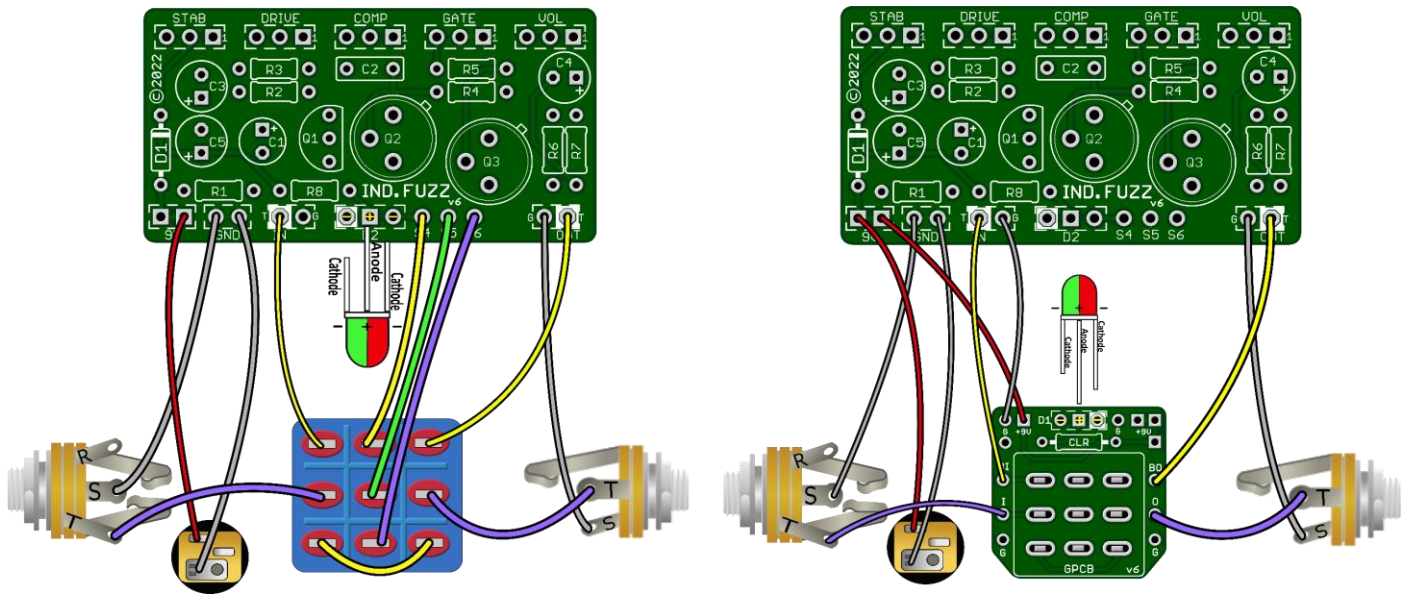
\*D2 is a Status LED that can be either a Bi-Color Common Anode or a Standard On/Off LED. (See Tip Sheet)

### New in this GuitarPCB 2021 version release:

- Added 1N5817 circuit protection diode.
- Larger off-board wiring pads.
- Added extra +9v and Ground pads for "Combo Builds" allowing easy wiring options and connectivity
- We decided to leave the potentiometers as hand-wired so you can place the controls where you like.



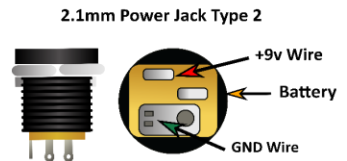
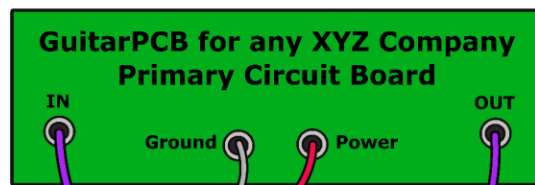
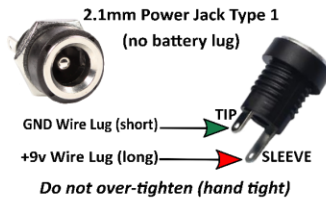
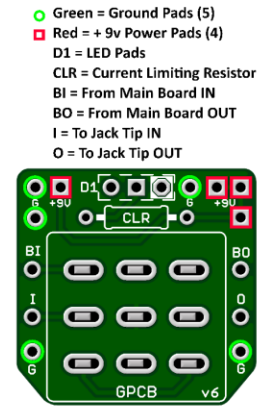
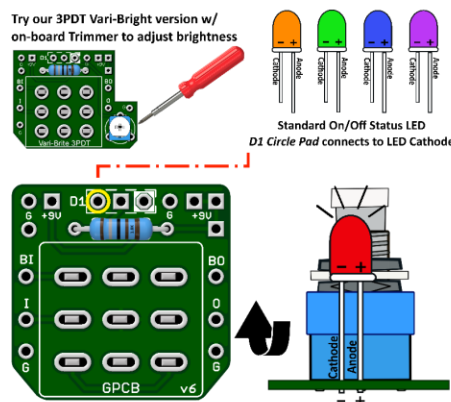
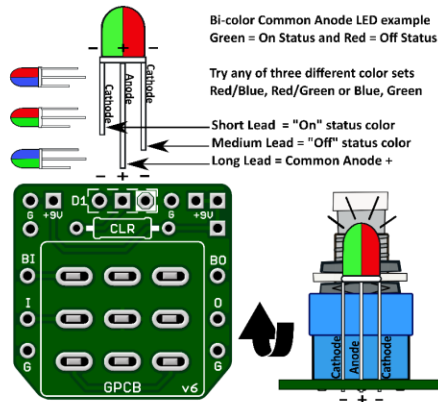
- A fuzz face-like setting can be obtained by turning Gate and Comp all the way down, Stab all the way up, and drive to about 2 o'clock.
- A high octave effect can be obtained by turning Drive and Comp all the way down, Stab all the way up, and the Gate to about 3 o'clock. Tweak the gate a bit to dial the octave effect in.
- For a high gain setting, turn gate to about 10 o'clock, comp to about 3 o'clock, and drive and stab all the way up.
- You can get some strange sounds by using the Stab control in conjunction with the Comp, Dist, and Drive knobs.
- There are settings that make the pedal generate squeal noises all by itself, particularly when turning the Stab control below 2 o'clock. This is normal for this circuit and does not indicate a defect.



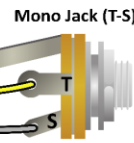
If you are using our 3PDT board, you should omit wires and parts from S4, S5 & S6, D2 and R8 (CLR).  
The CLR and LED will be populated on the 3PDT board instead.



# GuitarPCB Tip Sheet

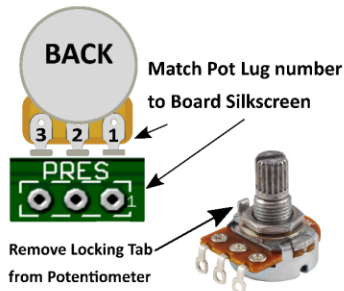


T = Tip  
R = Ring  
S = Sleeve

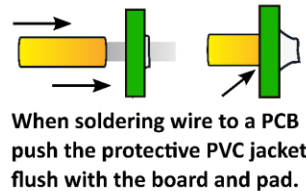
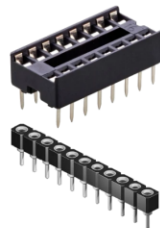


T = Tip  
S = Sleeve

Multiple +9v and Ground Pads are convenient hookup points for additional circuits within the same enclosure. This also allows for diverse wiring schemes to suit individual needs.



Sockets make troubleshooting easier

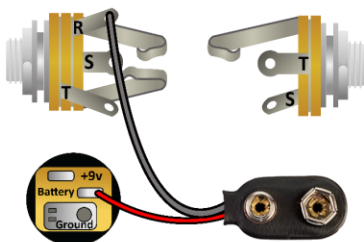


Main Board IN/OUT Pads



Extra Ground Pad

Audio Path to 3PDT



## Input/Output Jack Wiring

T = Tip | R = Ring | S = Sleeve

A Stereo Jack is only needed if using a Battery. Otherwise use a Mono Jack  
Battery Strap RED wire is connected to Power Jack  
Battery Strap Black wire is connected to RING (stereo jack)  
If wiring an LED to our 3PDT Wiring Board then S4, S5 & S6 are not needed



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