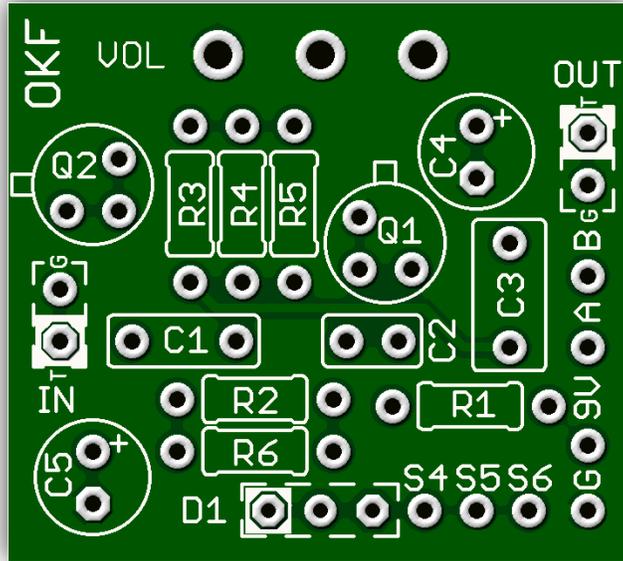


GuitarPCB.com One-Knob Fuzz

Based on the classic Coloursound "Fuzz Box" of the 60's with a huge influence on both 70's and Doom style Fuzz tones. Unique to our version designed by Bruce R. is a tweaked resistor to stabilize any Fuzz issues as well as the addition of A/B pads at the output for further modification if you so desire. Finally, each board contains Pads for the direct mounting of a potentiometer directly on the board for an easy build. Those who know the history or have played one before know that while it may have been a One-Trick pony it sure was a Sonic Eargasm of Fuzz Tone.

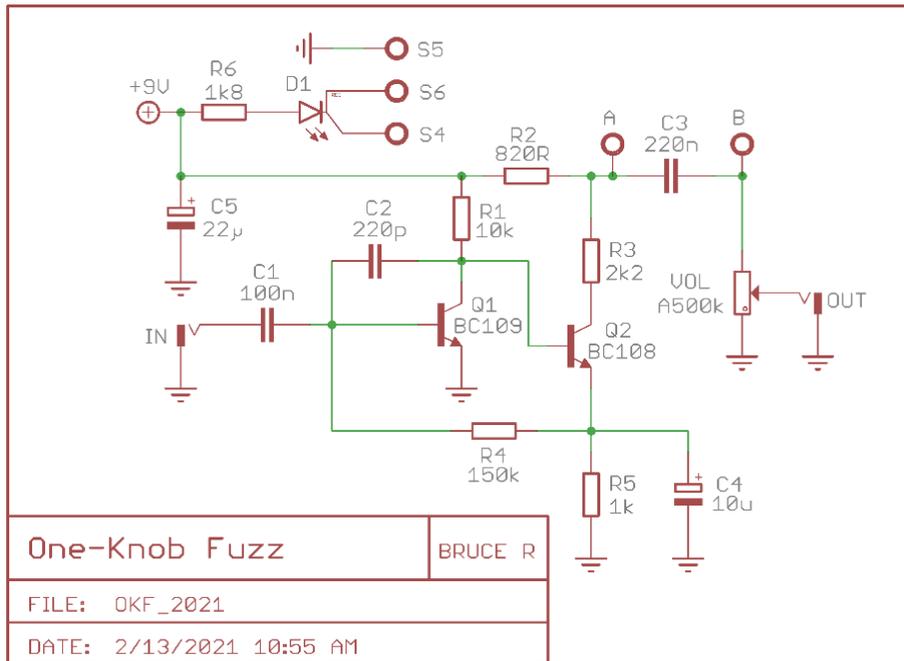


Board Dimensions: 1.2 x 1.075 inches, 30.5 x 27.3 mm.

Part	Value
R1	10k
R2	820R
R3	2k2
R4	150k
R5	1k
R6	1k8
Q1	BC109
Q2	BC108
C1	100n
C2	220p
C3	220n
C4	10u
C5	22u
D1	LED-DUAL-APADS
VOL	A500k

Feel free to experiment with different transistors and gains. Listed above is stock but use sockets and find your favorite.

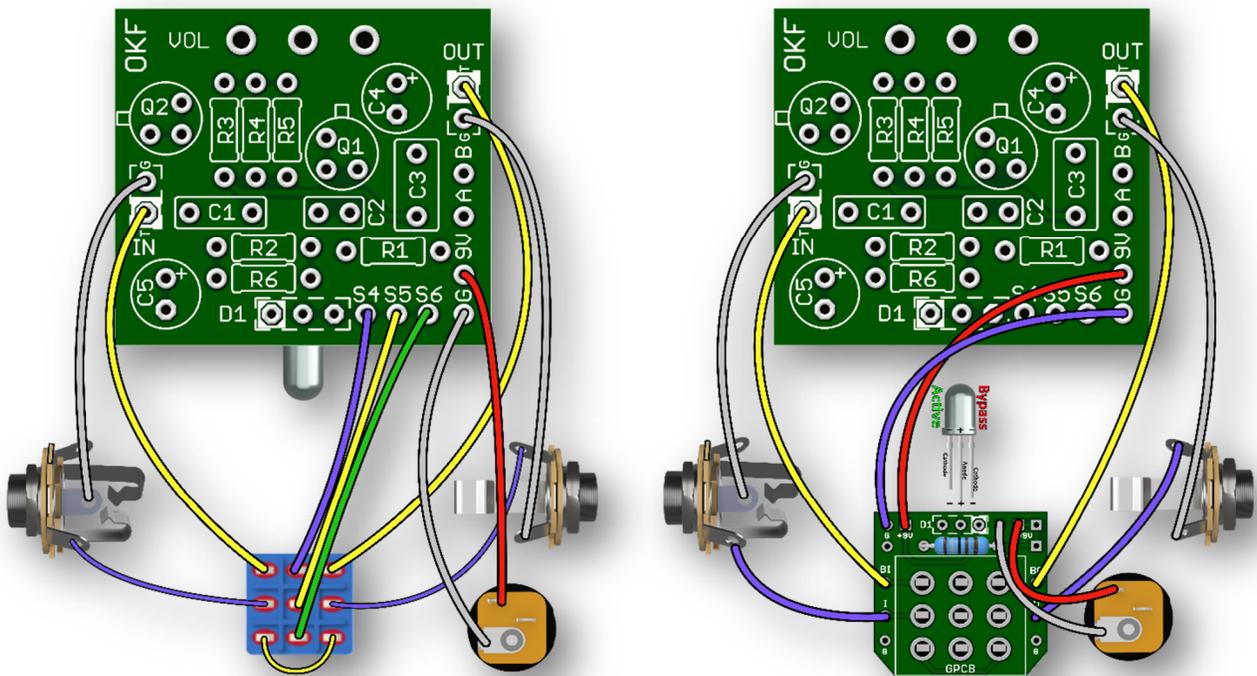
For example, you may wish to try BC337, 2N5088, 2N5089, 2N4401, 2N3904 or 2N222.



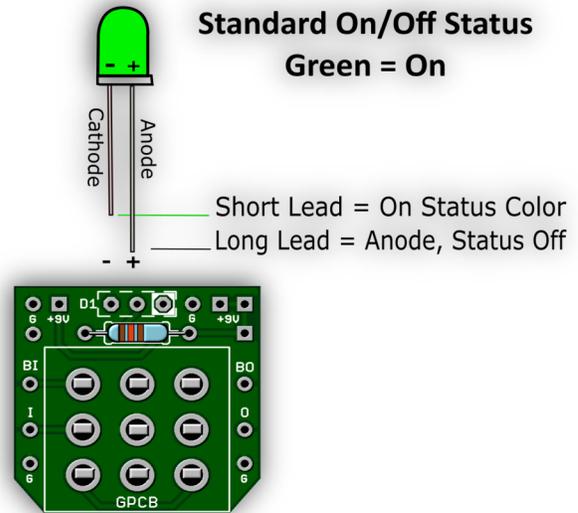
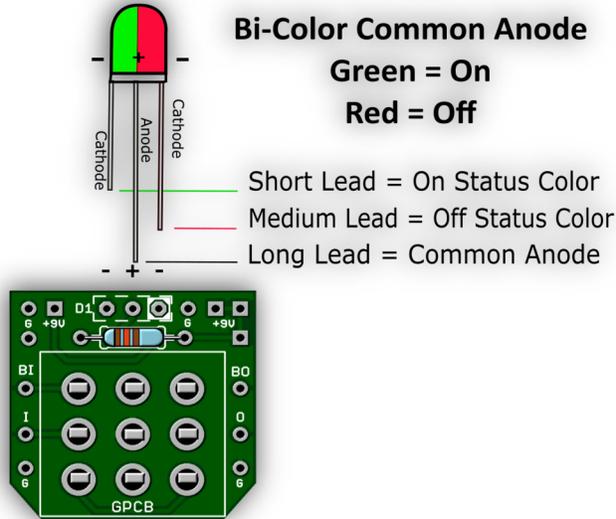
Build Notes:

- With regard to R2 you can also use a 1k if you don't have 820 ohms. The difference is extremely minor.
- This board is designed to accommodate a 16mm right-angle PCB Mount pot, which is to be installed on the back of the PCB using the silk screen number 1 for orientation (the pot will fit under the board).

Use the standard wiring diagram below. Be sure to use the "T" pads on the In and Out sections for connecting Audio which routes to Jack Tip. The pad beside it is a ground for connecting to Jack Sleeve.



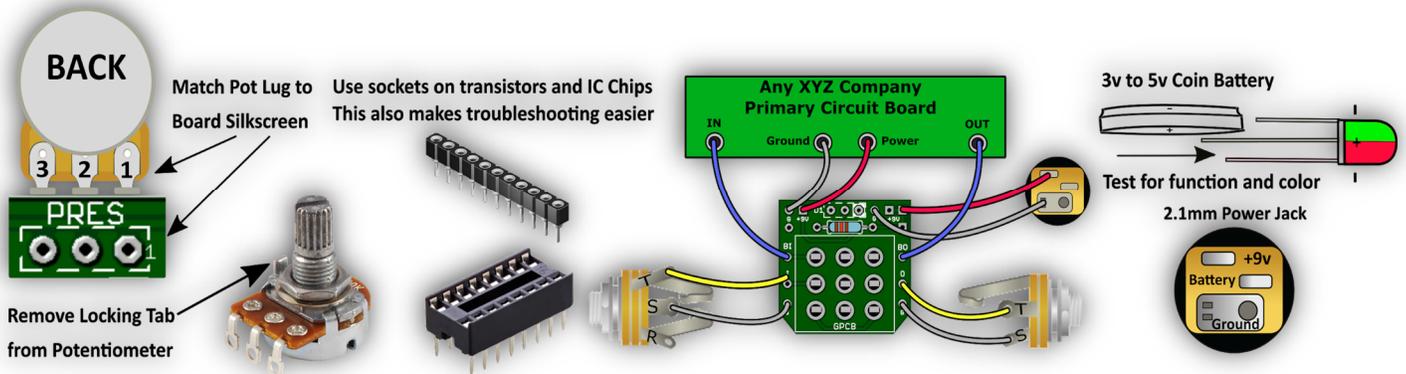
STATUS LED



Note: If wiring the LED to our 3PDT board no need to connect S4, S5 & S6 or populate D1 or R6 (CLR) on the main board since you are wiring your LED directly to our board.



Be sure your In/Out Jack wiring is correct. A Stereo Jack (for battery use only) has a RING lug which is used to connect to the battery ground. If you do not intend to use a battery there is no need for a Stereo Jack. If using Stereo then only use the Tip and Sleeve lugs. S4, S5 & S6 is only needed when the LED is wired to the Main Board.



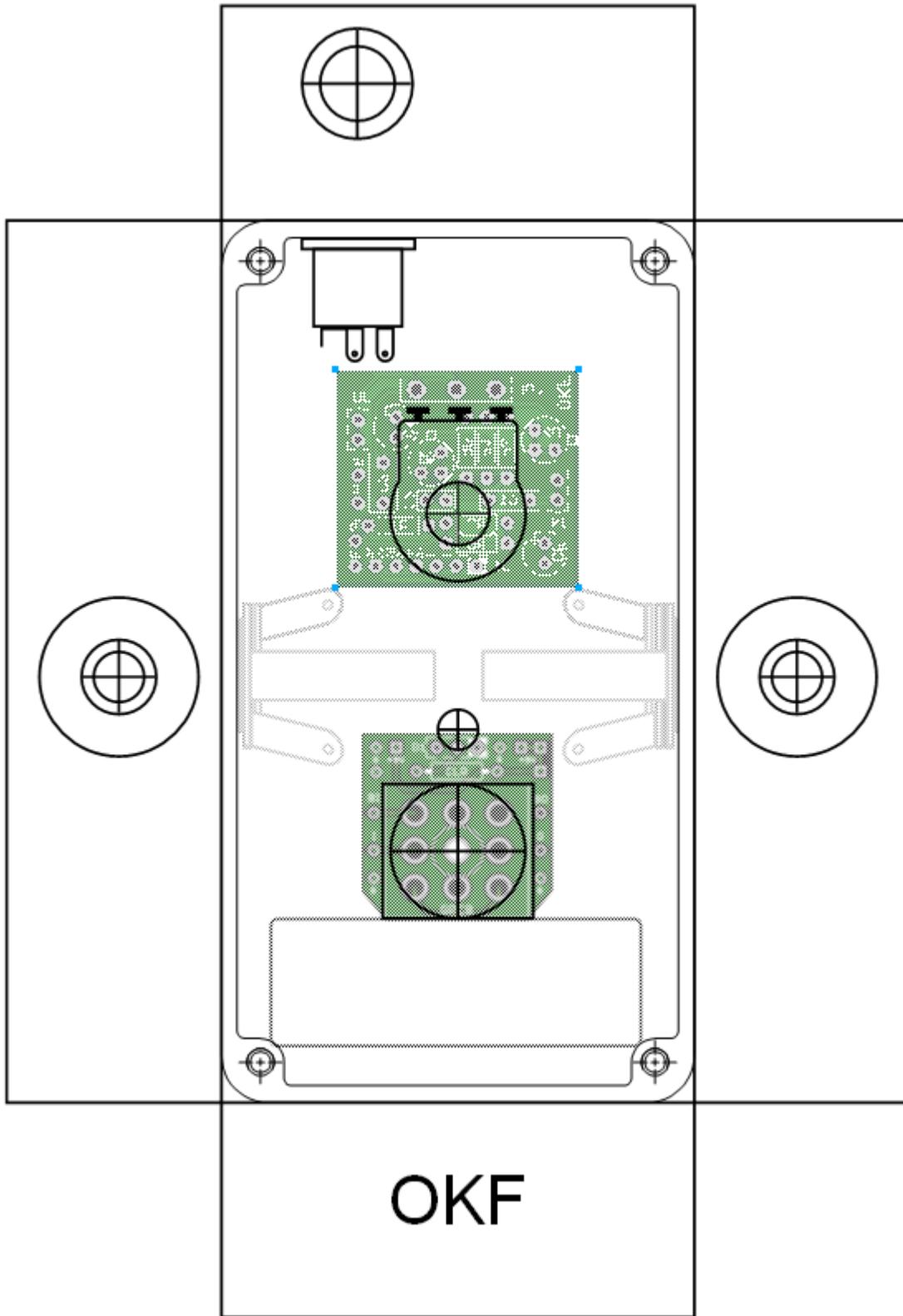
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Europe – [Das Musikding](http://DasMusikding.com) Order either boards or kits direct from Europe.

[PedalPartsAustralia](http://PedalPartsAustralia.com) - Order either boards or kits direct from Australia

If they do not have a KIT listed send them a note asking if they can help you out.



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