



# El Fuzz De Los Muertos

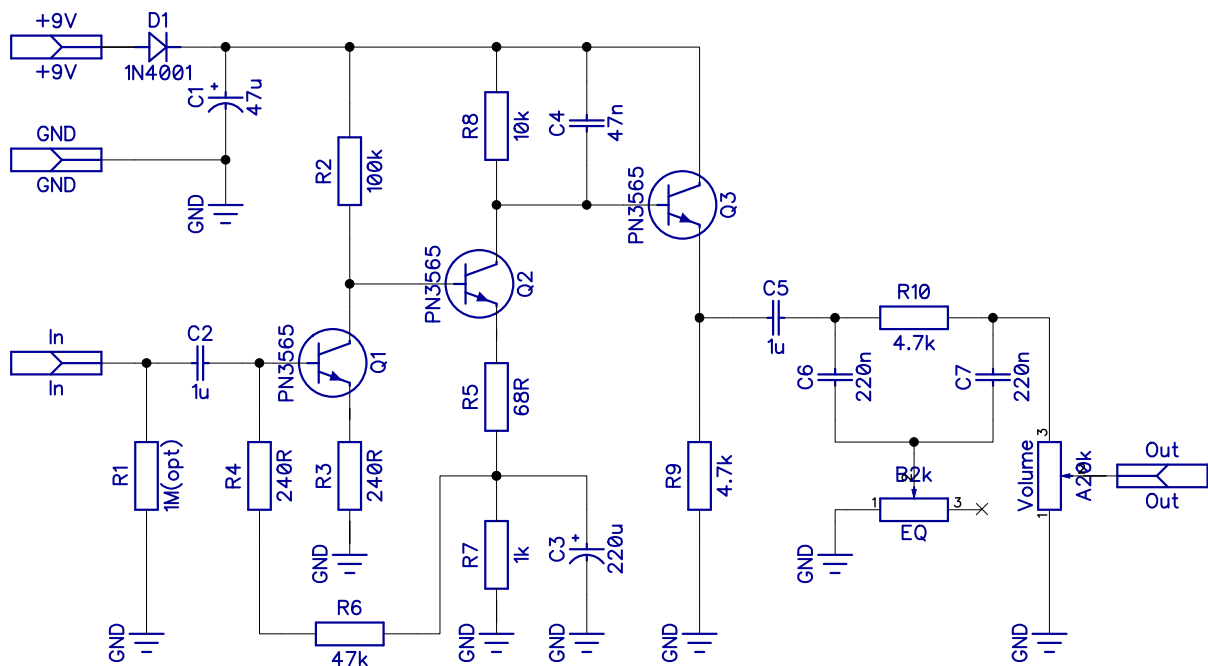
Based on SRS EQ Exciter

PCB artwork ©2019 drdFX

Release date: 2019. 11. 27.

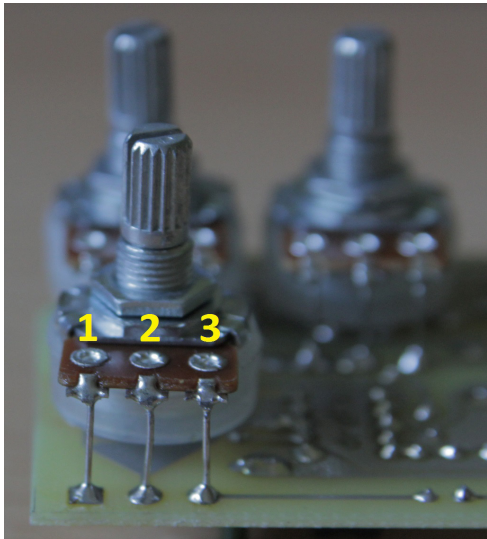
El Fuzz De Los Muertos is a clone of the SRS EQ Exciter. I have a version with an added Gain control.

## SCHEMATIC



BOM							
Resistors		Capacitors		Semiconductors		Others	
R1	1M	C1	47u	D1	1N4001	EQ	B2k
R2	100k	C2	1u	Q1	PN3565	Volume	A20k
R3	240R	C3	220u	Q2	PN3565	Gain (opt)	A50k
R4	240R	C4	47n	Q3	PN3565		
R5	68R	C5	1u				
R6 (opt)	47k	C6	220n				
R7	1k	C7	220n				
R8	10k						
R9	4.7k						
R10	4.7k						

## NOTES

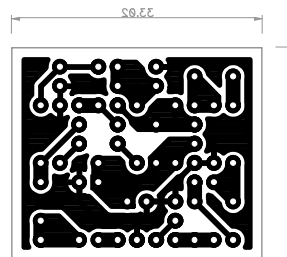
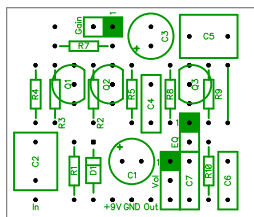


On the large layouts all pots are board mounted. The square pad marks the lug 1, for the numbering of the lugs see the picture. The smaller layout uses off-board wiring for all pots. A Gain pot can be added by substituting R6 (47k) with an A50k pot wired as a variable resistor. Use the lugs 1 and 2 of the pot. I have two larger layouts, one with and one without the additional pot. For the small layout I have only created one, but I have added an additional pad next to the Gain pads, so a standard resistor with a 7.62mm footprint can be used if you don't want to use the additional pot.

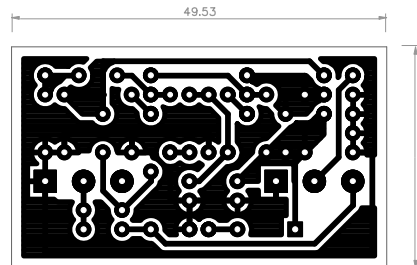
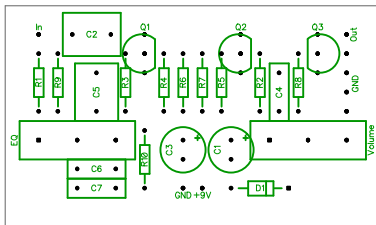
# LAYOUT

Print out the PCB design without any resizing options and make sure you switch off the “fit to page” option. The design is free for personal/home use and you also may build one or two for your friends, but the PCB layout is my artwork, therefore protected by copyright and is not permitted to be used for commercial purposes. The smaller layout fits into a 1590A, the two larger ones can be mounted with the pots and fits 1590B or 125B.

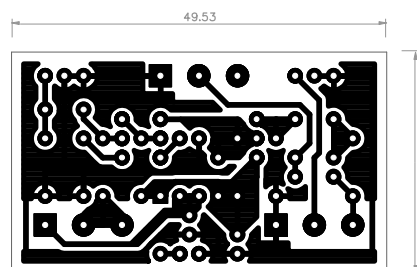
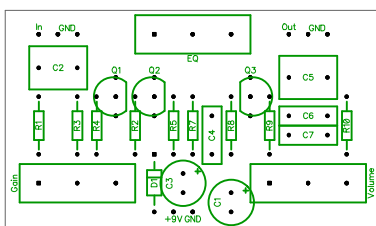
## Small layout



## Large layout

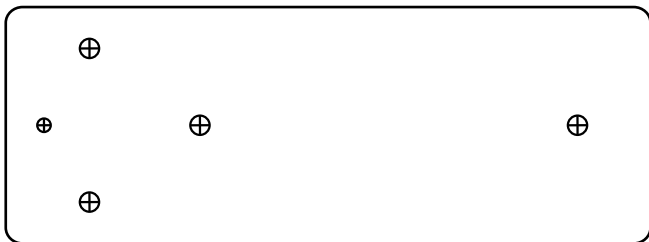


## Large layout with added Gain control

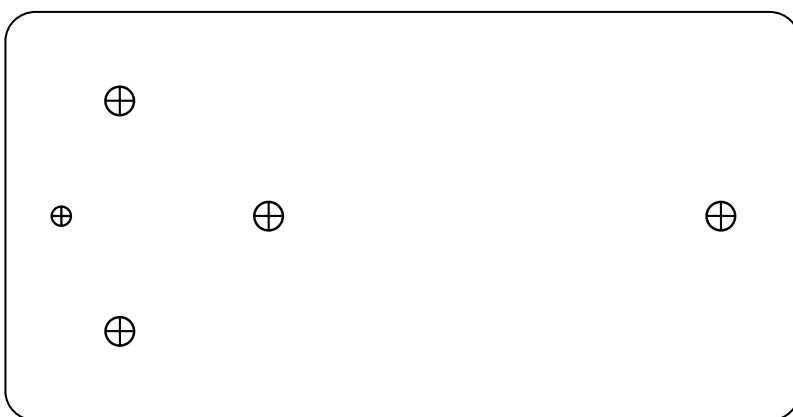


## DRILLING TEMPLATES

Here are three templates for the top of the box for the various box sizes. The large design fits in both 1590B and 125B, however if you are less experienced you may find the 125B enclosure easier to work with. The small layout fits into the small 1590A enclosure. I have shown layouts with three holes for the pots, if you aim for the two-pot version, then simply omit the third hole.



1590A



1590B