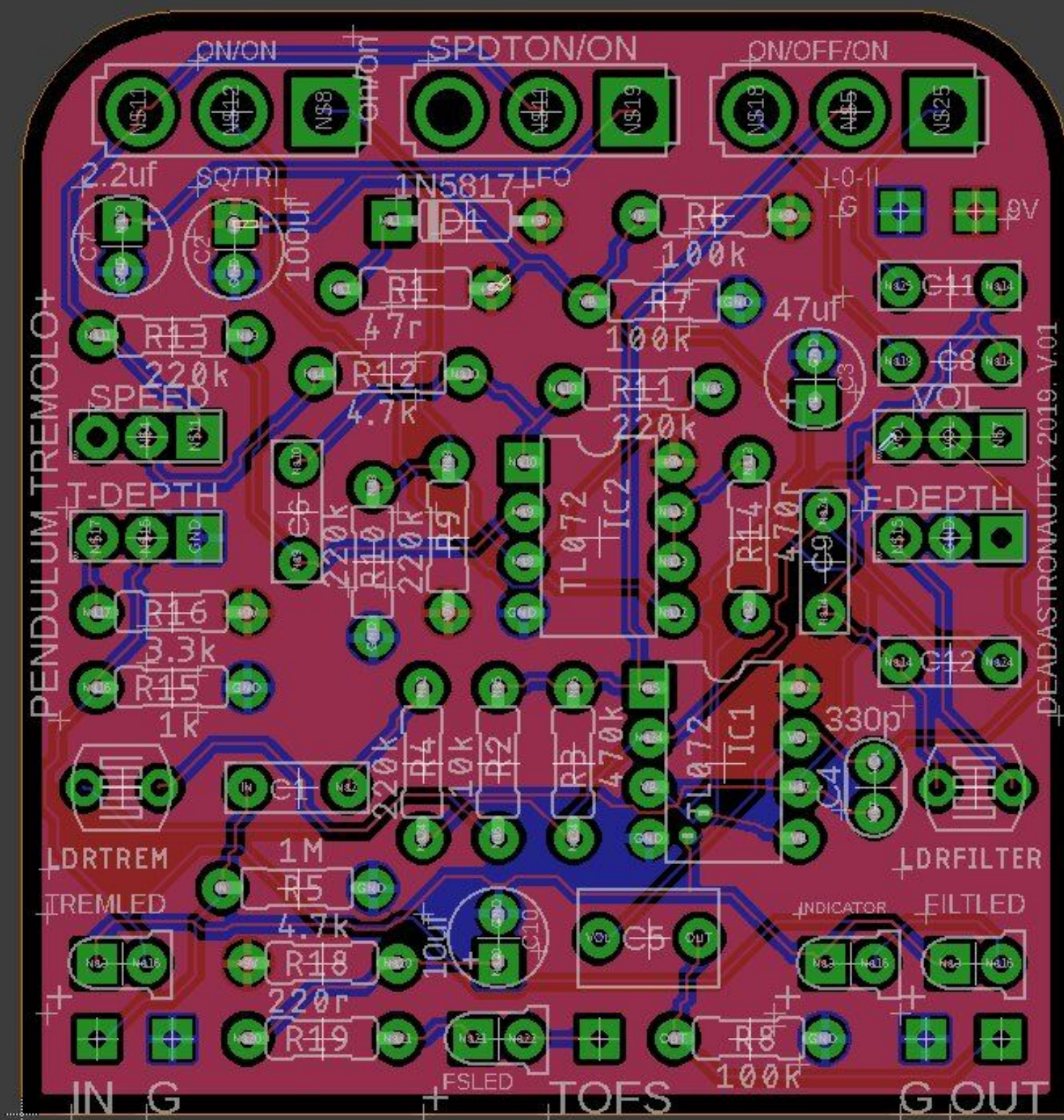


PENDULUM TREMOLO+

DEADASTRONAUTFX

<https://deadastronautwixsite.com/effects>





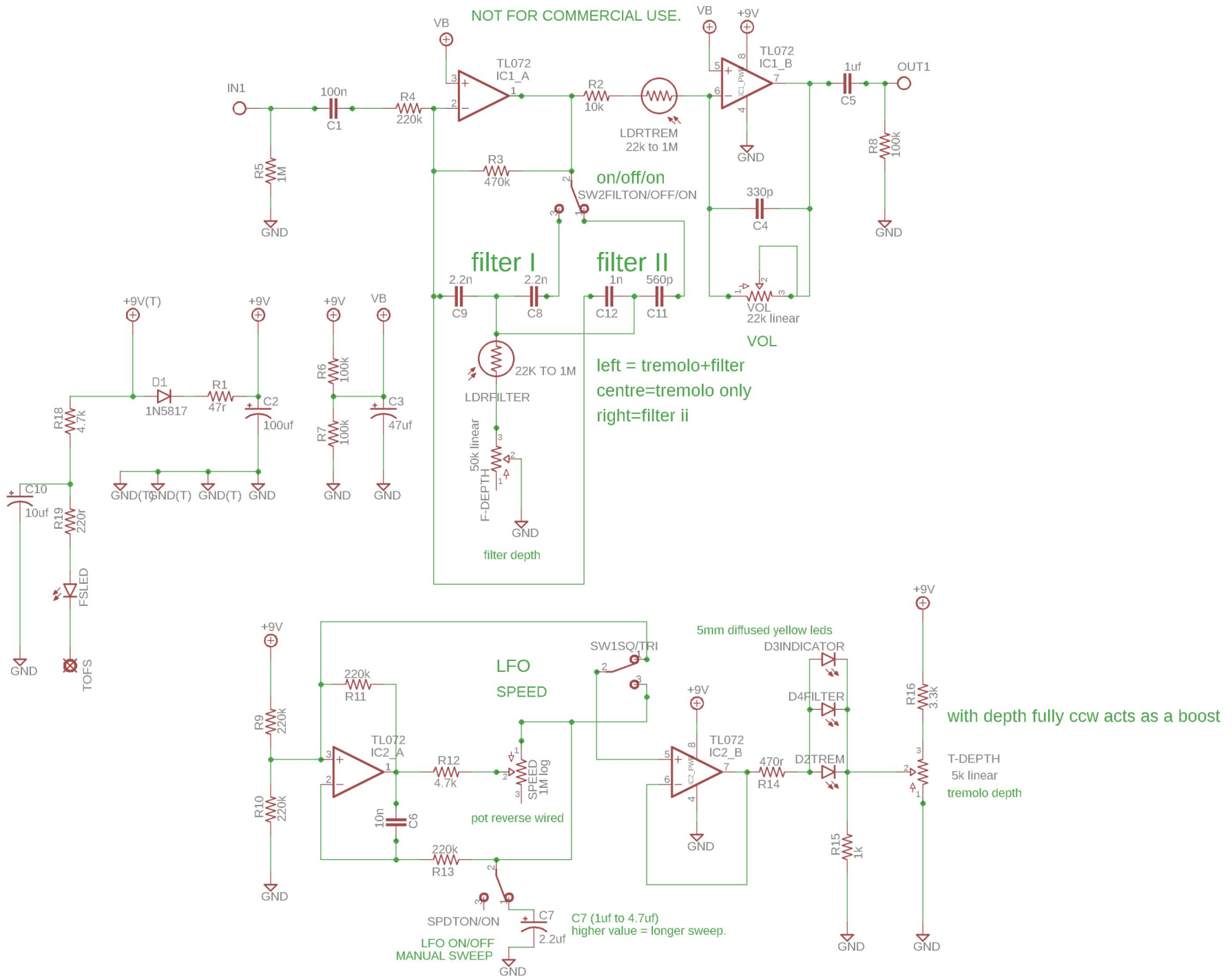
DEADASTRONAUTFX 2019.

PENDULUM TREMOLO+ TREMOLO AND FILTER

SQ/TRI WAVE TREMOLO

TREMOLO+ FILTER

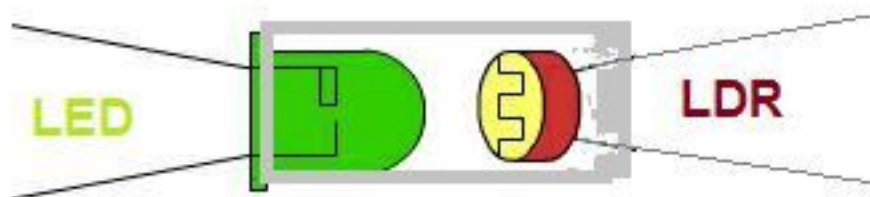
NOT FOR COMMERCIAL USE.



PENDULUM TREMOLO+ PARTSLIST DEADASTRONAUTFX JUNE 2019. not for commercial use.

Part	Value	Device	Package	Description
C1	100n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C2	100uf	ELECTRO		
C3	47uf	ELECTRO		
C4	330p	CER/FILM1	050X030_025	47 - 120pF
C5	1uf	CER/FILMBOX.3	BOX_BIG	47 - 120pF
C6	10n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C7	2.2uf	ELECTRO		
C8	2.2n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C9	2.2n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C10	10uf	ELECTRO		
C11	560p	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
C12	1n	CER/FILMBOX.1	BOX_SMALL	47 - 120pF
D1	1N5817			
D2TREM	LED5MM standard diffused yellow			
D3INDICATOR	LED5MM yellow (I used green for the indicator led)			
D4FILTER	LED5MM standard diffused yellow			
F-DEPTH	50k linear	POTSSMALL_PADS	PADS_SMALL	
FSLED	3MMLED	LED3MM	LED3MM	
IC1	TL072	DUALTH	DIL08	OP AMP
IC2	TL072	DUALTH	DIL08	OP AMP
LDRFILTER resistor)	22K TO 1M	LDR5MM	PHOTOCELL	(light dependent
LDRTREM resistor)	22k to 1M	LDR5MM	PHOTOCELL	(light dependent
R1	47r	(not: omit this resistor on V 0.1 board.)		
R2	10k			
R3	470k			
R4	220k			
R5	1M			
R6	100k			
R7	100k			
R8	100k			
R9	220k			
R10	220k			
R11	220k			
R12	4.7k			
R13	220k			
R14	470r			
R15	1k			
R16	3.3k			
R18	4.7k			
R19	220r			
SPDTON/ON	on/on	SPDT	M9040P	TOGGLE SWITCH
SPEED	1M log	POTSSMALL_PADS	PADS_SMALL	
SW1SQ/TRI	ON ON	SPDT	M9040P	TOGGLE SWITCH
SW2FILTON/OFF/ON	ON/OFF/ON	SPDT	M9040P	TOGGLE SWITCH
T-DEPTH	5k linear	POTSSMALL_PADS	PADS_SMALL	
VOL	22k linear	(note: wire this pot in reverse order.on		
v.01 board)				

DIY VACTROL



HOUSING CAN BE MADE FROM THIN PLASTIC TUBING E.G FROM AN OLD PEN OR HEATSHRINK TUBING- YOU NEED TO MAKE SURE THAT NO EXTERNAL LIGHT ENTERS.

