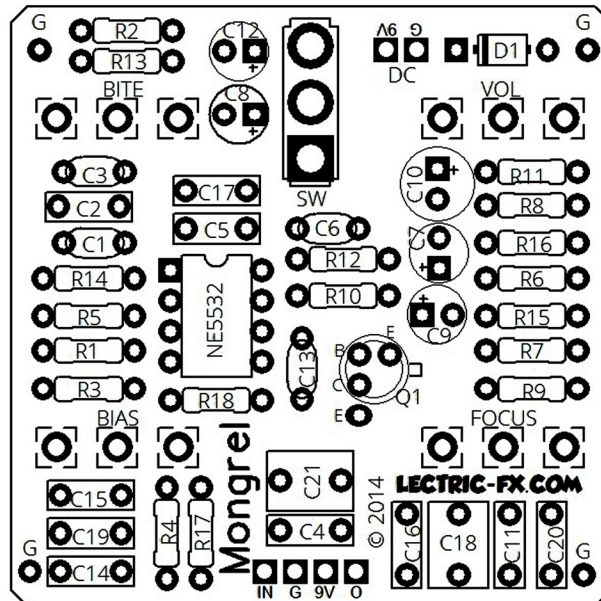


Mongrel

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Hybrid OD/FUZZ



RESISTORS

R1	330K	C1	100pF	D1	1N4002
R2	100K	C2	5n6		
R3	1K	C3	100pF	IC	NE5532N
R4	1M	C4	100n		
R5	470k	C5	47n	Q1	NPN *
R6	8k2	C6	100pF		
R7	220K	C7	47uF	SW1	SPDT
R8	1K5	C8	47uF		
R9	100K	C9	2U2	VOL	100KA
R10	47K	C10	100uF	BIAS	10KB
R11	1K	C11	100n	BITE	1KC
R12	1K5	C12	47uF	FOCUS	10KB
R13	47r	C13	820pF		
R14	100K	C14	33n		
R15	100K	C15	100n		
R16	3K3	C16	33n		
R17	470r	C17	27n		
R18	4K7	C18	1u		

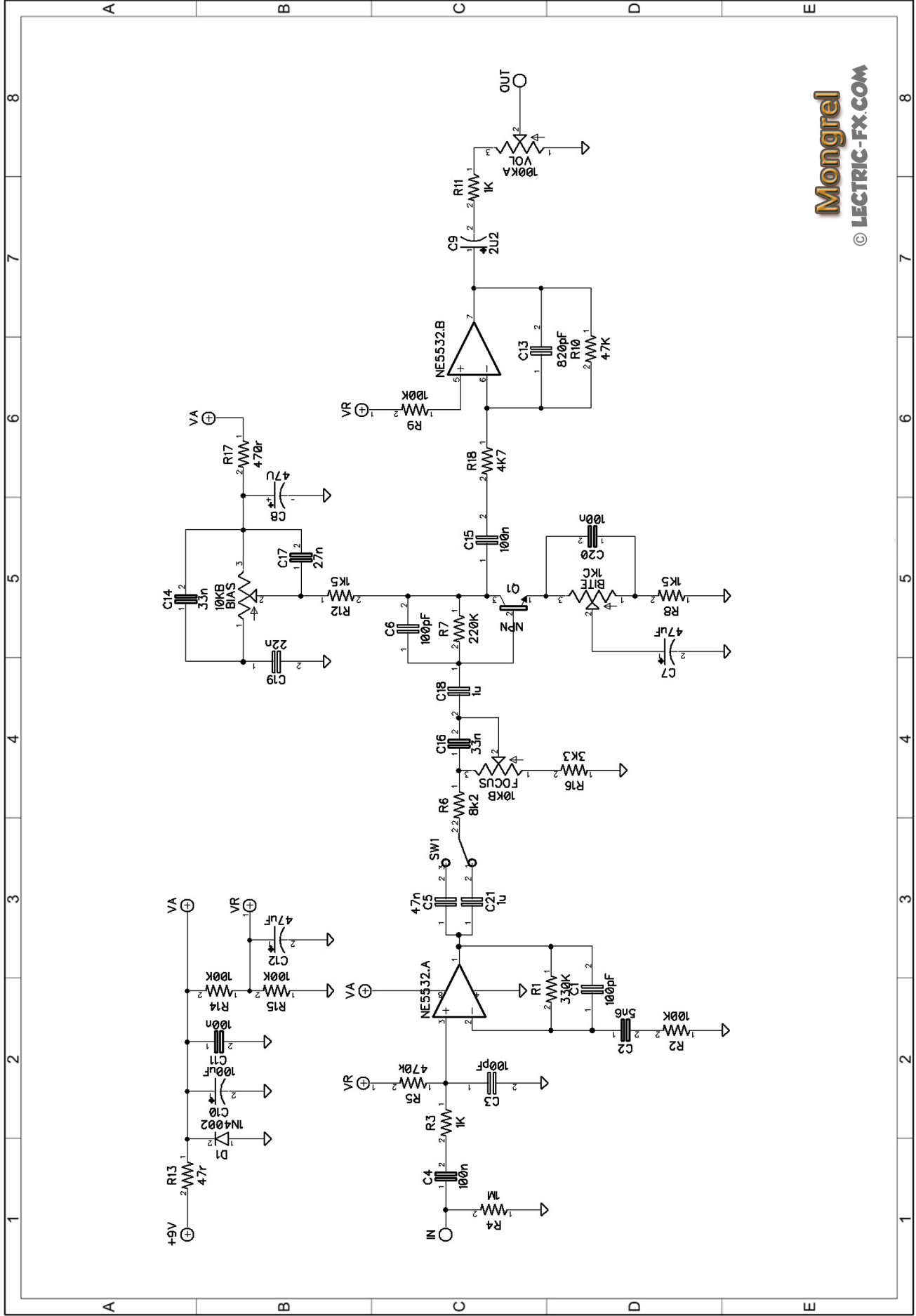
C19	22n
C20	100n
C21	1u **

*GE or Si, suggested
hFE 90 - 120

**The SPDT switch combined with c21 gives a fatter sound. It does not have to be a 1uF, smaller values will also work fine (220n, 470n, 680n). If you would like to leave the switch off your build, simply omit c21 and jumper the top 2 round holes of the switch. :)

TOTALS

1	47r	3	100pF
1	470r	1	820pF
2	1k	1	5n6
2	1k5	1	22n
1	3k3	1	27n
1	4k7	2	33n
1	8k2	1	47n
1	47k	4	100n
4	100k	2	1u
1	220K	1	2u2
1	330K	3	47uF
1	470K	1	100uF
1	1M		



Drill Guide Suggestion

125b- Untested

