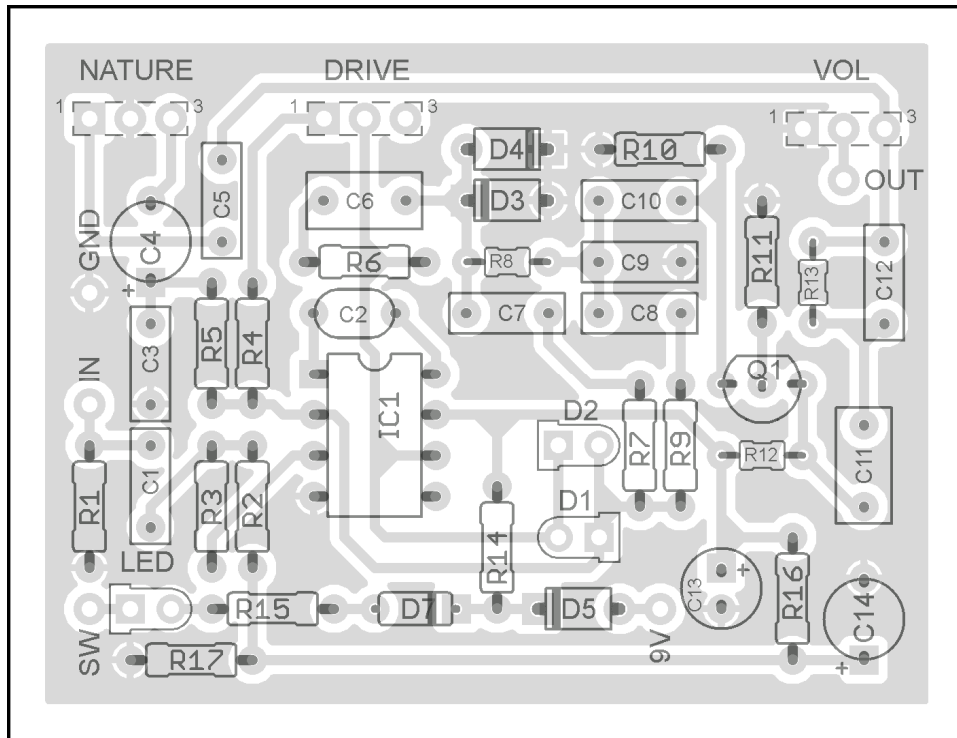


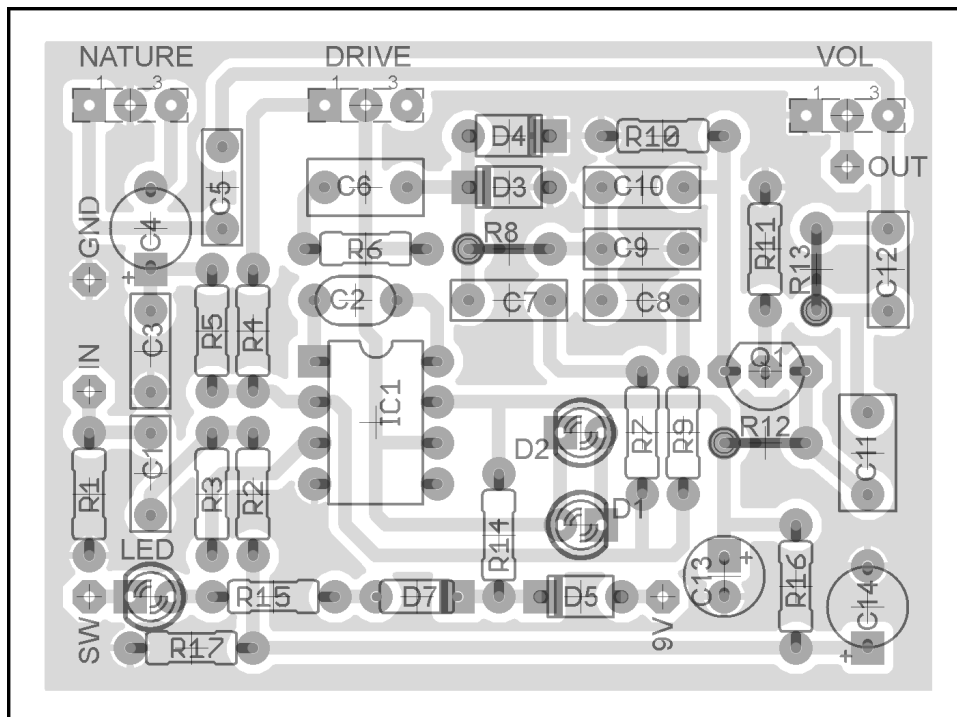
# YELLOW SHARK

(Based on the BJT Honey Bee)  
Components & Layout

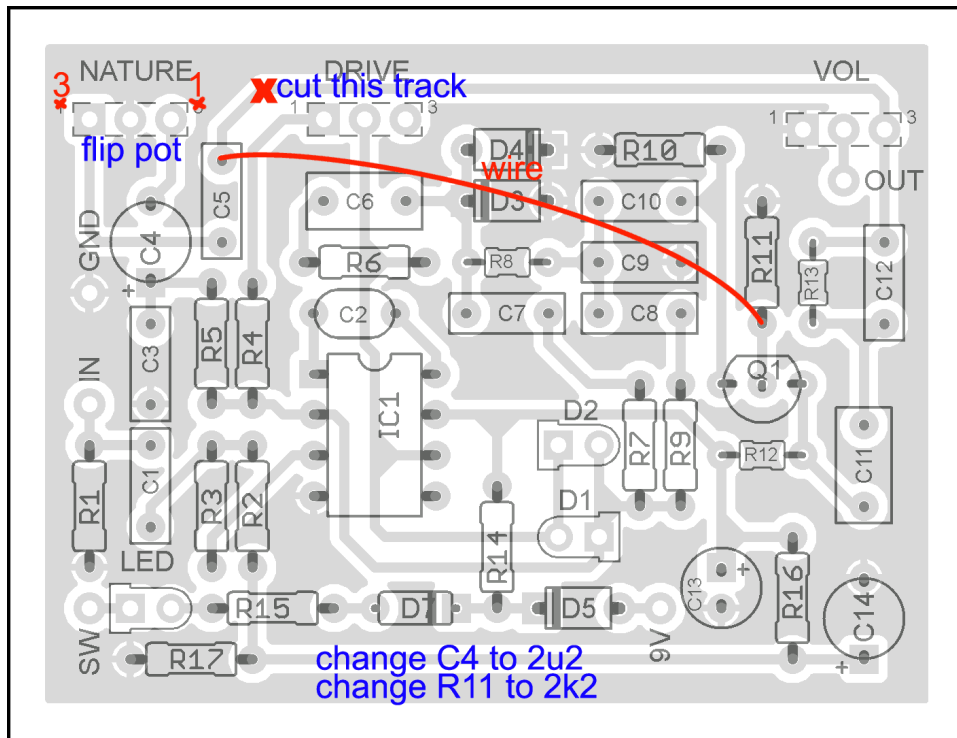
Ver.1.5



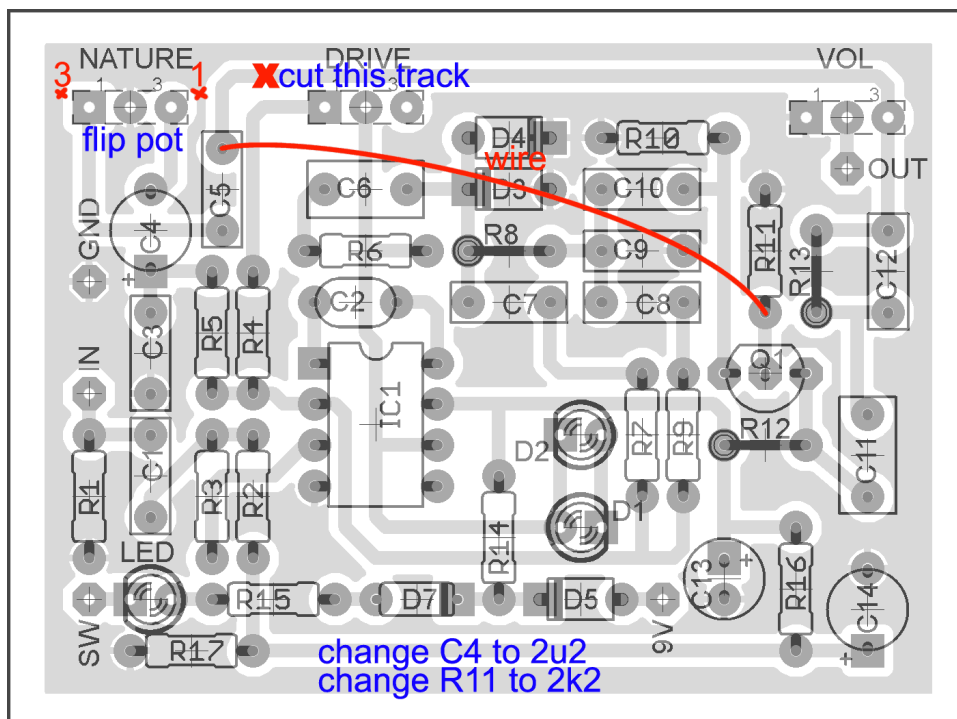
Ver.1



## Fix for Ver.1.5



## Fix for Ver.1.0



Part	Value	Part	Value
R1	1M	C1	47n
R2	360k	C2	100pF
R3	15k	C3	220n
R4	3k	C4	22uF
R5	1k	C5	4n7
R6	1k	C6	1uF
R7	27k	C7	22n
R8	10k	C8	4n7
R9	47k	C9	22n
R10	1M	C10	4n7
R11	5k6	C11	1uF
R12	5k6	C12	4n7
R13	47k	C13	100uF
R14	51R	C14	22uF
R15	1k		
R16	31k6	D1, D2	Green LED
R17	31k6	D3 - D5	1n4007
		D7	5v1 Zener
IC1	CA3130EZ		
Q1	2N5457		
		VOL	50kB
		NATURE	50kA
		DRIVE	500kA

## Notes

- Stock unit uses two NOS green LEDs in D1, D2. Feel free to sub modern diffused green LED's (3 or 5mm), however do not use super-bright type LEDs.
- The CA3130EZ is not the most readily available. Here is one source:  
<http://www.alliedelec.com/Search/ProductDetail.aspx?SKU=9030071&MPN=CA3130EZ>
- A CA3140 may be substituted. This is available here:  
<http://www.smallbearelec.com/Detail.bok?no=223>
- D3 – D5 can also be 1n4001