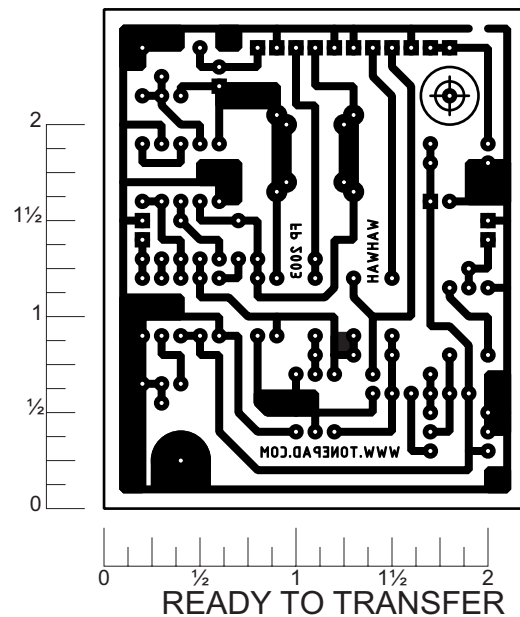
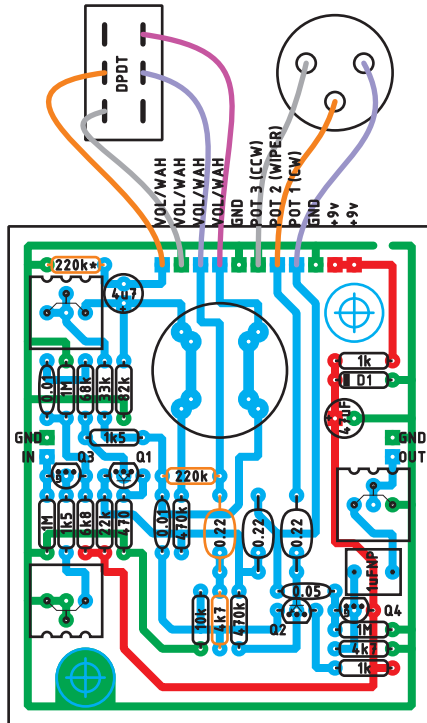
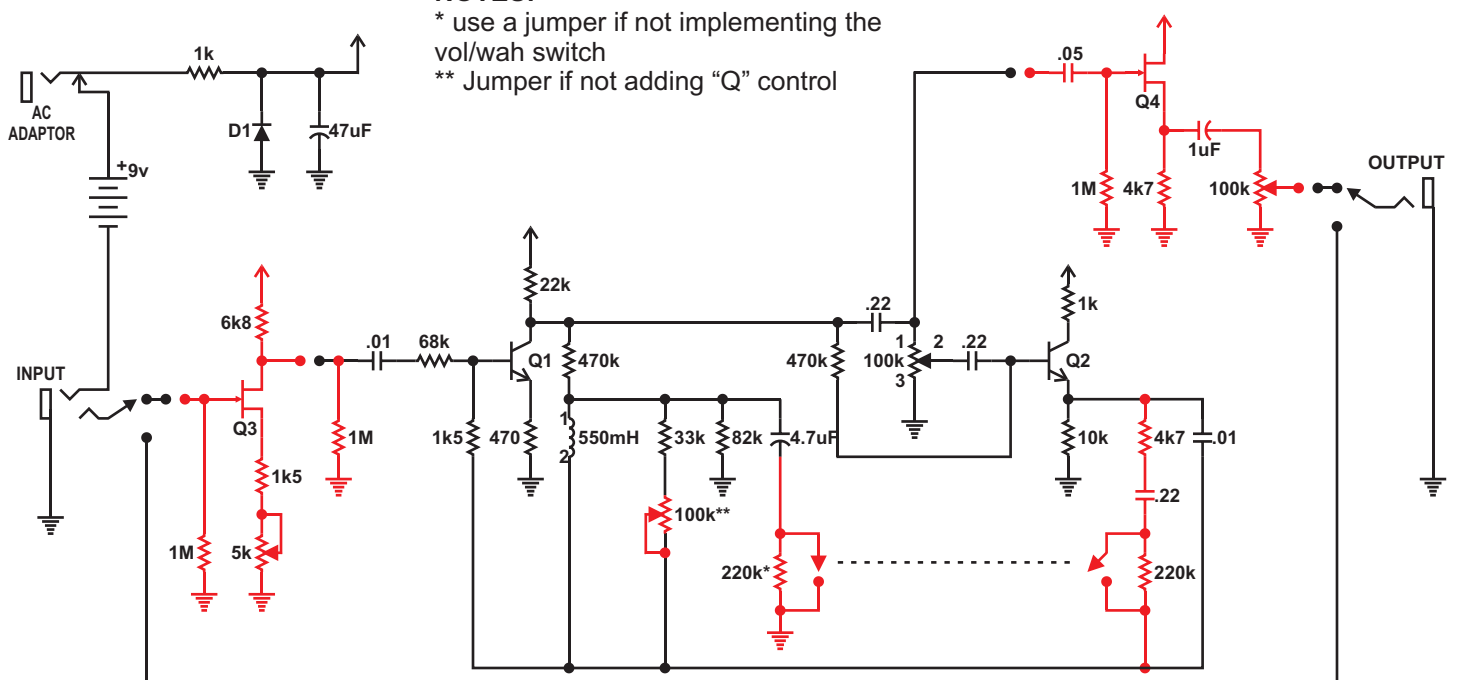


A variety of wah circuits can be built on this board, component values are for the Cry Baby. Parts outlined orange are for vol/wah mod, taken from the "Jen Wah-Vol Pedal" schematic. Input and output FET buffers are added for flexibility and can be bypassed if desired. The board also provides pads for different inductors. Some offboard components are not shown on the layout. Trademarks remain property of their owners.



NOTES:

- * use a jumper if not implementing the vol/wah switch
- ** Jumper if not adding "Q" control



Parts list for stock cry baby wah and mods for volume pedal (Jen Wah) and input/output buffers. Use the schematic as a guide and perform the desired mods or leave stock. All trimpots can be regular pots. Trademarks remain property of their owners.

Parts List for regular wah

Resistors	Capacitors	Transistors
1 - 470 ohm	2 - 0.01 μ F	Q1 - MPSA18
2 - 1k	2 - 0.22 μ F	Q2 - MPSA18
1 - 1K5 (1.5k)	1 - 4.7 μ F	Transistors can be any low noise NPN (2N5088, etc)
1 - 10k	1 - 47 μ F	
1 - 22k	Pots	
1 - 33k	1 - Wah pot	
1 - 68k		
1 - 82k		Diodes
2 - 470k		

Additional parts for Volume mod.

Resistors
2 - 220k
1 - 4k7 (4.7k)

Capacitors
1 - 0.22 μ F

Other
DPDT switch

"Q" Mod.

1 - 100k Trimpot

Additional parts for input buffer

Resistors	Transistors
1 - 1K5 (1.5k)	Q3 - 2N5457
1 - 6k8 (6.8k)	Other fets will work
2 - 1Meg	
Pots	
1 - 5k Trimpot	

Additional parts for Output buffer

Resistors	Transistors
1 - 4k7 (4.7k)	Q4 - 2N5457
1 - 1Meg	Other fets will work
Capacitors	
1 - 1 μ F	
Pots	
1 - 100k Trimpot	

NOTES:

- * use a jumper if not implementing the vol/wah switch
- ** Jumper if not adding "Q" control

