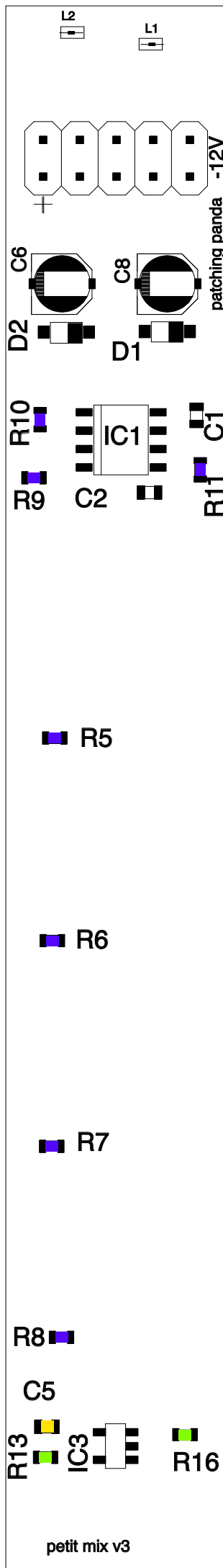


NOTE: This is a full SMD DIY Kit. If you are not familiar with this type of assembly, please look for information about it before.

MEDIUM GRADE ●



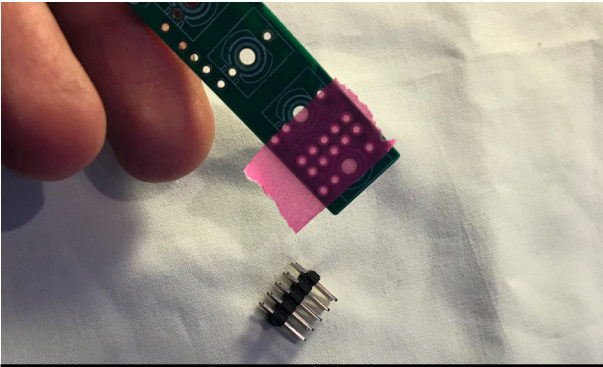


MOST PASSIVE COMPONENTS HAVE ONE EXTRA.

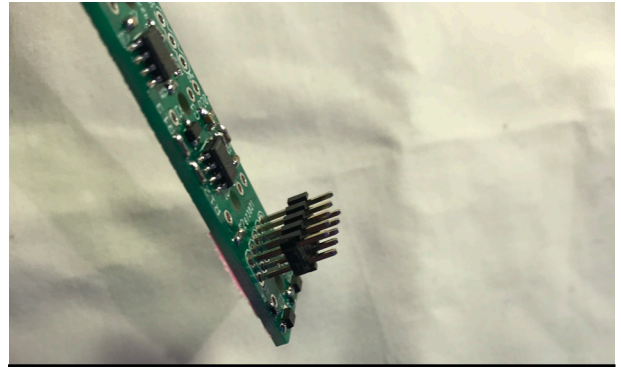
To build this module please visit:
patchingpanda.com

Qty	Value		Parts
2	Ferrites beads		L1, L2
2	1.0k		R16, R13
7	100k		R5, R6, R7, R8, R9, R10, R11
2	100nF		C1, C2
1	10pF		C5
1	LM321MF		IC3
1	TL072		IC1
2	1N5819HW		D1, D2
2	10uF		C6, C8
4	50K or 100K		R1, R2, R3, R4
1	M05X2PTH		JP1
5	PJ301_THONKICONN6		J1, J2, J3, J4, J5
1	WP937EGW		LED2

SOLDERING THE POWER CONNECTOR



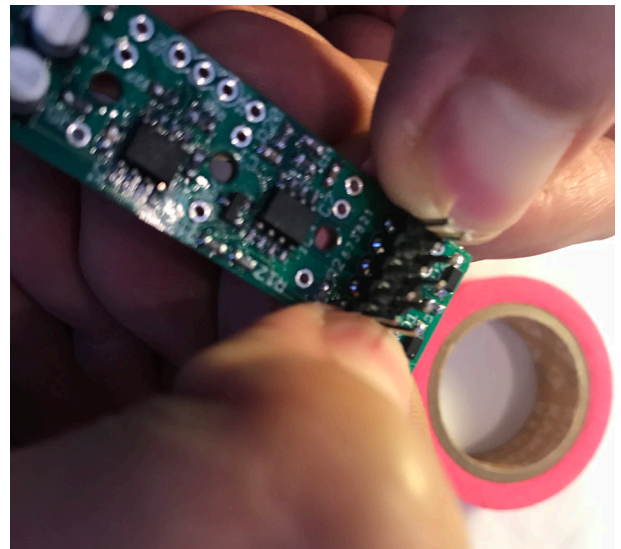
1. Put some tape on this side of the pcb.



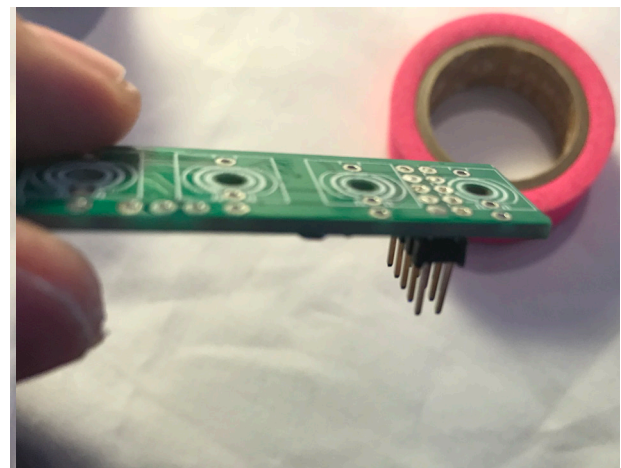
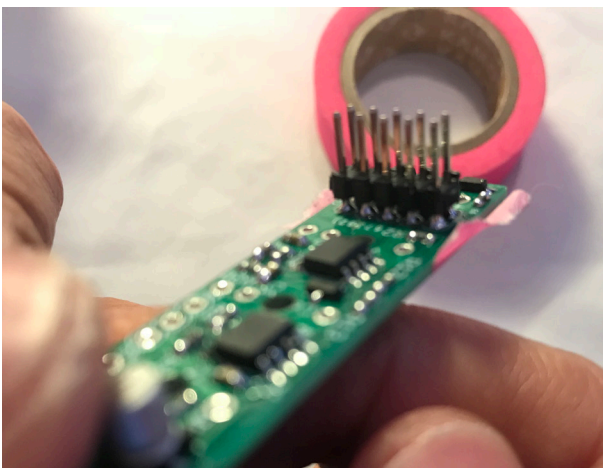
2. Insert the male header pins with the longest part upside down.



3. Solder the pins from the top side as in the picture .



4. Push down the black plastic with your finger until you can.



5. This is how it should look like.