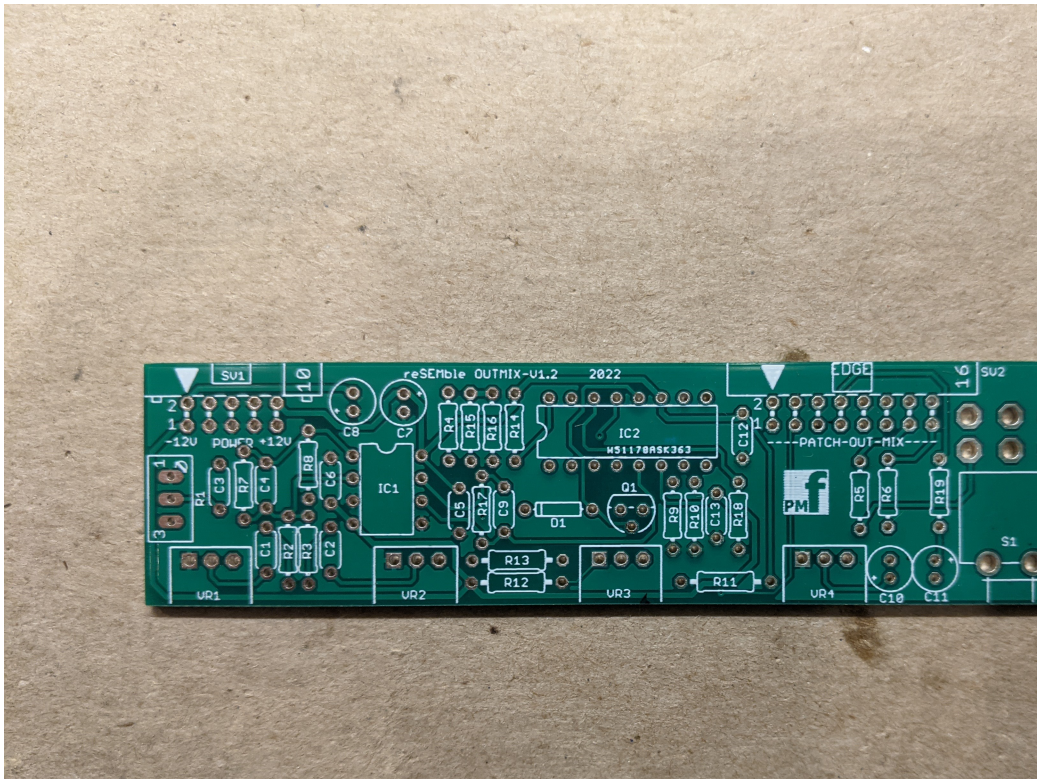
reSEMble-OutMix v1.2 – Assembly Guide

Thank you for purchasing this module! This is an easy build. Some of the pads are quite small and you will need a chisel tip or screwdriver tip soldering iron, fine solder and the skill to solder these tiny joints.



Follow the parts lists, these instructions and the PCB silkscreen text to build the module.

There are components installed on BOTH sides of the boards. Please ensure that you place the components on the correct side.

You should follow the order of assembly as described below.

1. Resistors and ceramic capacitors

   Install the resistors and capacitors on the TOP of the board .

2. Transistor and diode
   Install the diode and transistor on the TOP of the board by aligning with the footprint.

3. IC socket
   Install the socket on the TOP of the board. Observe the notch or mark on the socket and align with the notch or mark on the board. Solder.
   Trimmer resistor
   Now populate the trimmer pot on the PCB. These are through hole parts. Make sure they are oriented so that the screw points to the back.

4. Electrolytic capacitors

   Install these on the TOP. Make sure you orient these capacitors correctly. The lead marked with a + needs to be placed on the pad that has the "+" marking near it. Leads marked with "-" go on the pad WITHOUT the "+".

5. Power socket and patch socket

   Install the 10 pin power socket and the 16 pin patch socket on the TOP of the board. The sockets should face OUT from the back of the board. Solder.

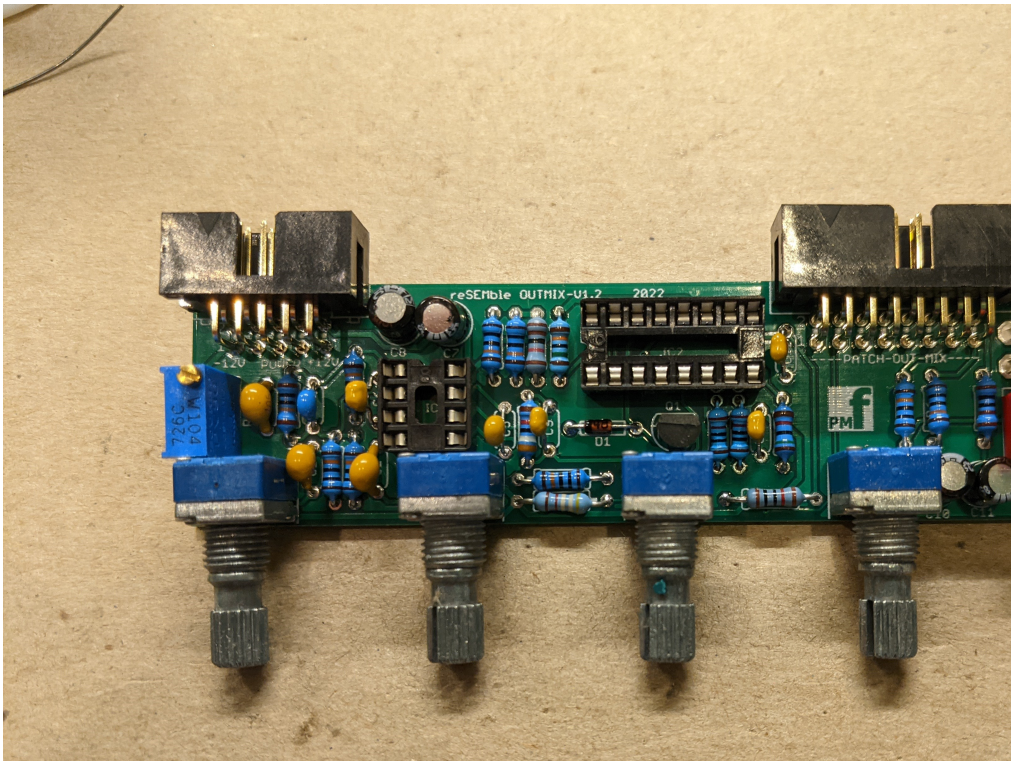
6. Potentiometers

   If the pots have positioning lugs on the front, cut these off with a sharp pair of flush cutting pliers. The front of the pot (where the shaft protrudes) needs to be flat.

   Install 3 pots (100K) on the top and one (10k) on the top.

   Carefully align the pots so they are flush with the edge of the board and perfectly upright and tight to the board surface. Solder one pin. Please ensure they are on the CORRECT SIDE OF THE BOARD. See Photo.

7. Toggle Switch
   Insert the switch on the TOP so that the toggle faces the front of the PCB. The switch is on the TOP. Do not bridge the contacts to nearby components.



Final Assembly

1. Insert the IC.

2. When the module is installed, adjust the trimmer to set the required input level from the output of the VCF. The other inputs have pots on the panel.