reSEMble In Out v1.0 – 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 and the skill to solder these tiny joints. You need two of these. One for In and one for Out.

This module is also used in the 7-OR Eurorack module. YOU DO NOT NEED TO AND SHOULD NOT INSTALL THE PARTS that are specific to the 7-OR module. These parts are not included in the BOM. These are the parts marked on the PCB that are not required:
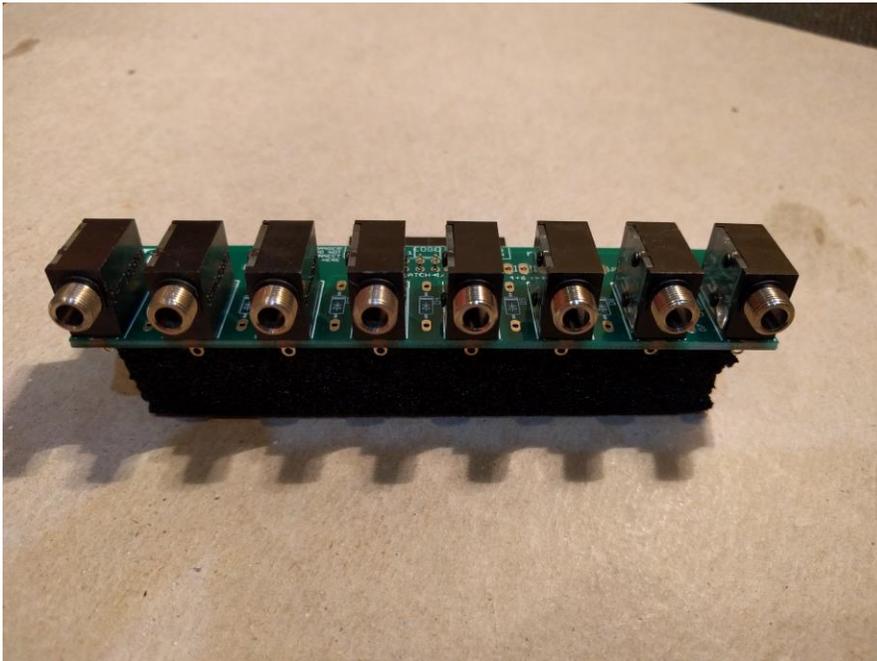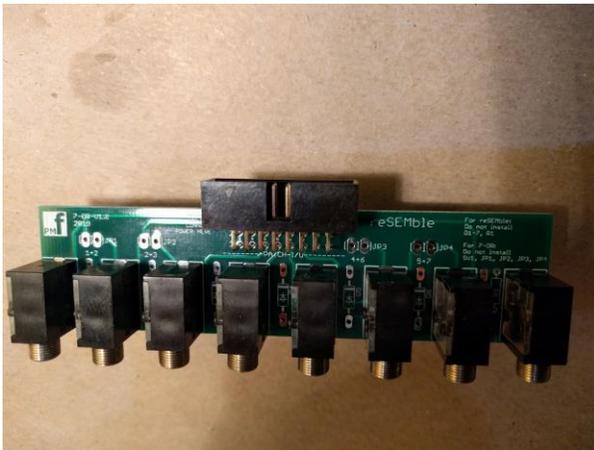R1, D1-7

Constructing the board

1. 3.5mm Jack Sockets
    Tack one pin of each only with solder. Please ensure they are on the CORRECT SIDE OF THE BOARD. Check the alignment and spacing of each jack and ensure it is tight to the board. Now fully solder the remaining jack pins.
    Cut the pins of the jack sockets to avoid contact with nearby parts.

2. Patch socket

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

3. Jumpers

If you want to normal some of the jacks, put wire links in the pads marked JPx and solder. You can cut these later if you want to separate the jacks. Alternatively, you can use proper two pin headers and shunts.
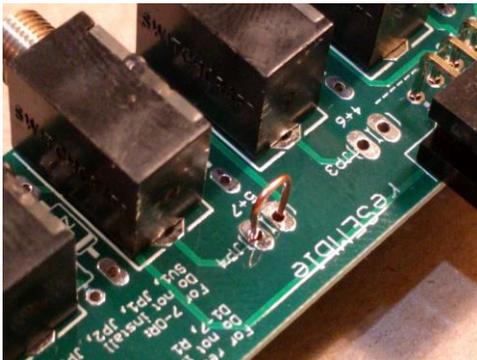
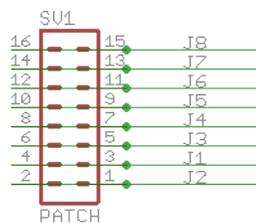The jacks are normalled as follows:

JP1: J1+J2

JP2: J2+J3

If JP1 and JP2 are both installed: J1+J2+J3

JP3: J4+J6JP4: J5+J7

4. Patch connector map

5. Interconnection

   If the modules used for input (e.g. CV) and output (e.g. stereo mixer) are on the same power supply as the reSEMble there should be no problems with compatibility. If you are using modules in other racks and/or on other power supplies and/or external keyboards you will likely need to interconnect the grounds between these systems. This can be done in numerous ways including adding a jumper between cabinets to connect the grounds of the power supplies together. Alternatively you can connect one of the ground pins on each of the IN and OUT PCBs to the power supply of the reSEMble and a patch cord with ground can be used to connect the modules in different cabinets.