PBJ EU Assembly Instructions

The PBJ EU uses components on both sides of the board. Because of this, the order of assembly is designed to avoid installing a protoboard that covers the holes of the back side components.

Because of the density of the circuitry, a conical .8mm tip soldering iron is suggested.

Difficulty: beginner. OK for first build.

1. Assemble sub board first.
2. Install components on back side of the board next. This is most components including op amps, resistors, capacitors and the voltage regulator. Use of sockets for the op amps is recommended.
3. Trim leads so that they are as flush with the front side of the board as possible. This is to avoid shorts to the proto board which is placed on top of this area.
4. Install front-side components. Connectors, switch, test points, etc.
5. Install proto-boards. They lock together for a tight fit. You can do this before fixing them to the board.
6. Attach sub board.
7. That’s all! You’re ready to test.