

Touellskouarn – Hirlostek V2 (6.35mm) Build Guide v1

1. Start by soldering the 1.8K resistor at R1 and then the 1K resistor at R2
2. Next solder the 2 x 1N5231B diodes at D1 and D2. **Note: orientation is vital!** The black stripe on the diode must match the stripe on the PCB silkscreen as shown below.
3. Now solder in the 8 pin IC Socket. **Note: orientation matters** – match the curved notch in the socket with the notch on the PCB silkscreen.
4. Next solder the 1uF Electrolytic capacitor. **Note: orientation is vital!** The long leg must go to the square pad with the plus symbol.
5. Now place and solder the two jack sockets, solder 2 opposite corner pins of each jack first, and then make sure the jack body is sitting flush to the PCB before soldering the remaining pins.
6. Now place the IC chip into the IC socket. **Note: orientation is vital!** The notch on the chip must match the notch on the socket and PCB silkscreen.
7. Finally place the 4 x PCB supports into the baseplate and then attach the baseplate to the PCB.

