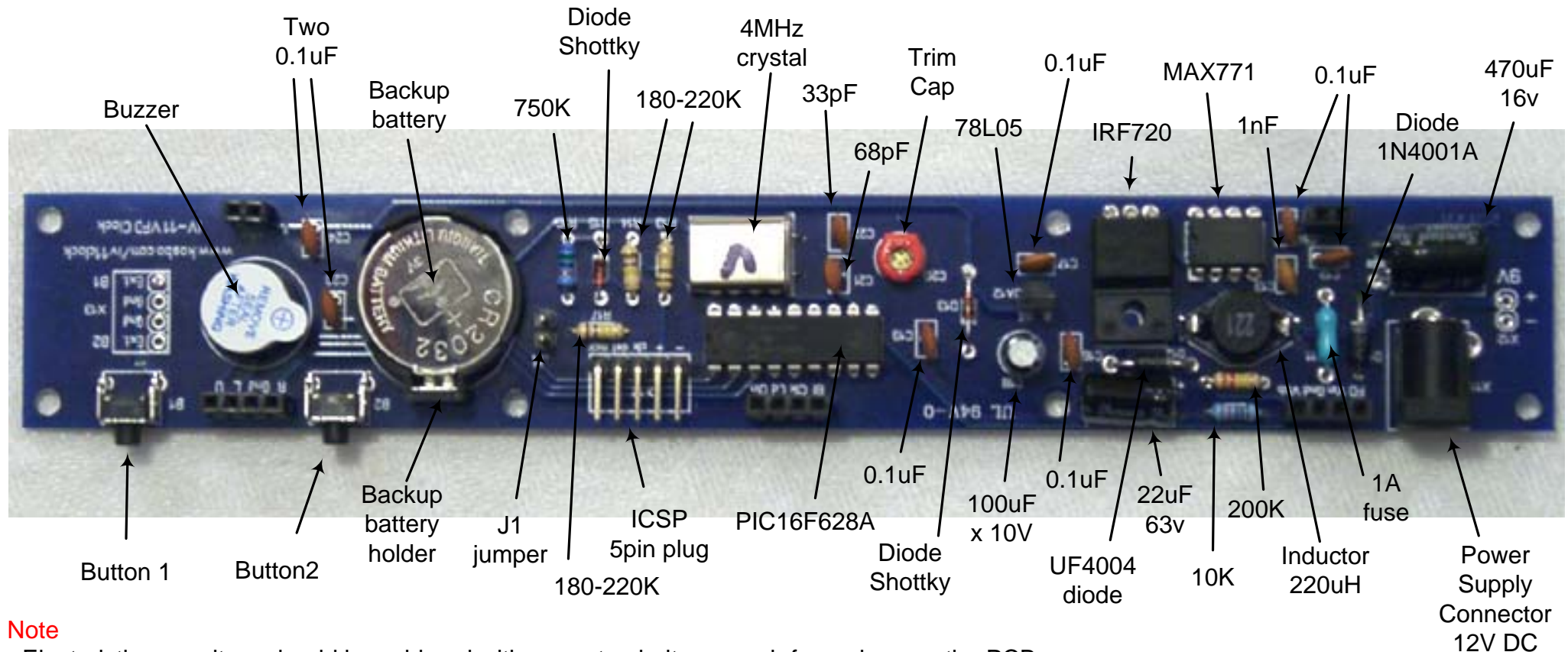


IV11 VFD Clock assembling microcontroller main board v.01

Please note:

- Do not mix polarity, as your IV-11 Clock will not work
- Use only approved and certified Wall Plug Power Supply module
- Power supply with less than 200mA output is not recommended
- Clock works with 12V power supply only
- 2.1mm round DC power connector, inner contact is +12V, outer is -12V



Note

- Electrolytic capacitors should be soldered with correct polarity, search for + signs on the PCB
- UF4004, 1N4001 diodes silver rings should match white line of its drawing on the PCB
- Shottky diodes have black ring sign, which should match white line of its drawing on the PCB
- Buzzer polarity is not marked on the PCB, but it should be inserted and soldered as shown
- Pin number one is clearly marked on the PCB and IC pin number one should go to square solder pad

IV11 VFD Clock assembling microcontroller main board v.01

Please note:

- Due to clock circuit has been modified 3 extra wires are required to manually solder on the PCB
- For PCB modification all nessesary cuts have been made and electrically tested, just wire soldering is required.

