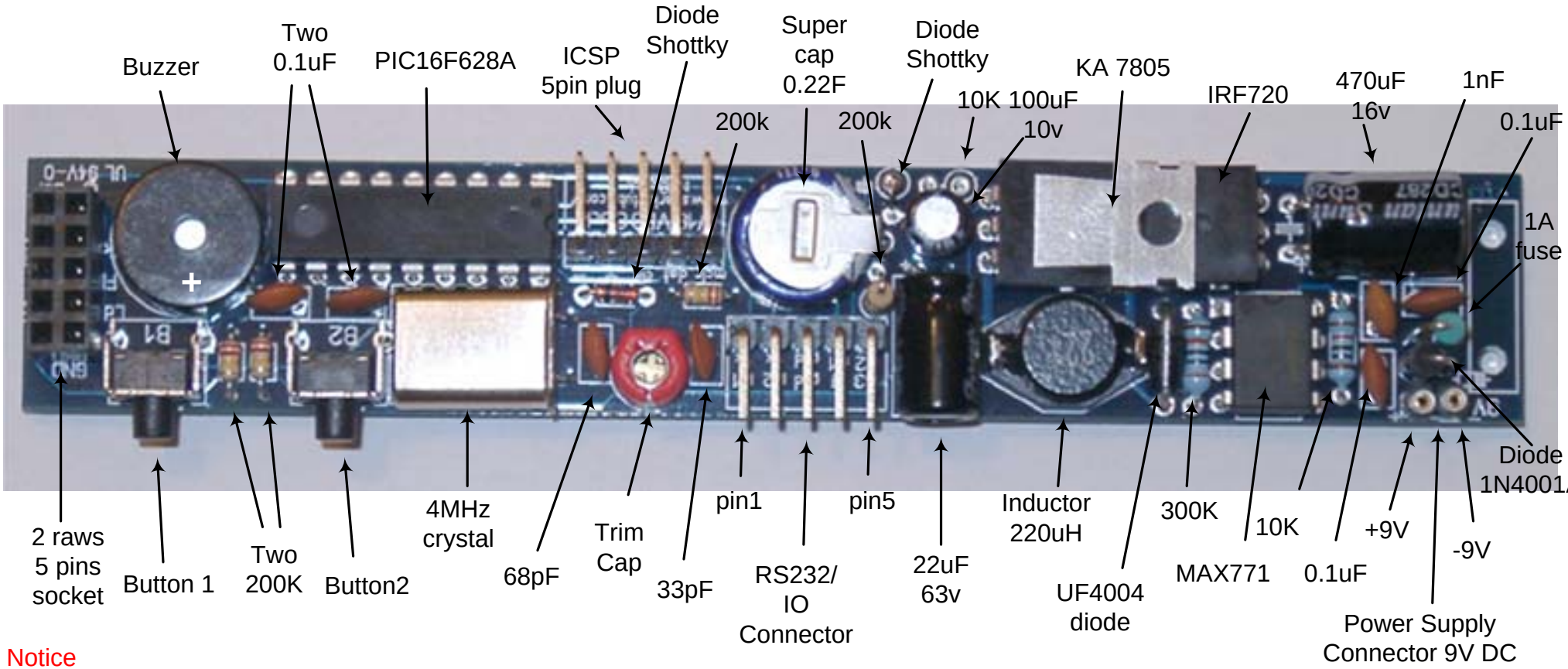
IV18 VFD Clock assembling microcontroller main board v.03

Warning!
- Do not mix polarity, as your IV-18 Clock will not work
- Use only approved and certified Wall Plug Power Supply module
- Power supply with less than 150mA output is not recommended.
- Less than 9V or more than 12V power supply is not advised.

Rs232/IO connector:
Pin1 - Clock TX for TTL serial port connection
Pin2 - Clock RX for TTL serial port connection
Pin3 - Ground Contact
Pin4 – External output Alarm1 Contact
Pin5 - External output Alarm2 Contact



Notice
- Electrolytic capacitors should be soldered with correct polarity, search for + signs on the PCB
- UF4004 diode silver ring should match white line of its drawing on the PCB
- Shottky and 1N4001A diodes have diode sign close to fitting place
- Buzzer polarity is not marked on the PCB, but it should be inserted and soldered as shown
- Pin number one is cleary marked on the PCB and IC pin number one should go to square solder pad