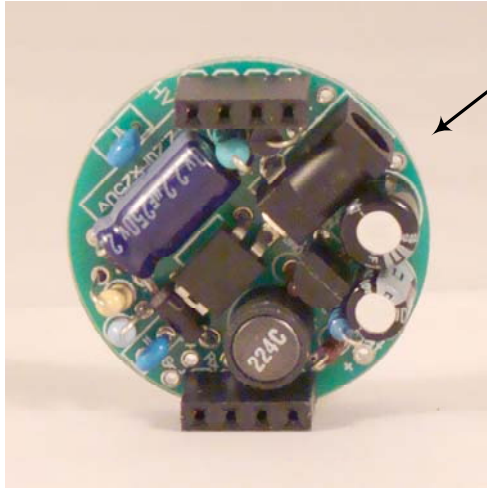


IN-18 1D Nixie Clock Backup Battery Connection Diagram

Warning!

- Do not mix backup battery polarity, as your clock would 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 DC power supply is not advised.

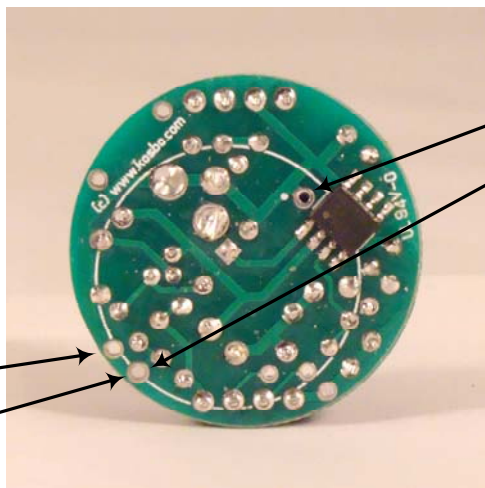


IN-18 1 Digit Clock DC-DC converter PCB,
where you have to solder backup battery

- Please switch off you clock Power Supply Adapter
- Disconnect your clock from Power adapter
- Carefully de-attach bottom DC-DC converted board
- Please look at the next picture to either:

A) Solder two wires for your external backup battery

B) Solder Button cell 3V backup battery BR2330A to the solder side of the board



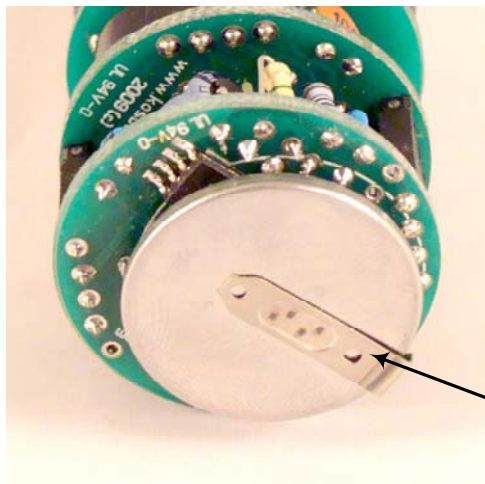
For
external
Backup
battery

- 3...5V
+ 3...5V

- 3V BR2330A on board
+ 3V backup battery
connection points

On the bottom left picture Backup battery directly soldered to the board

Please note, that backup battery is permanently connected to the clock and supplies voltage to the clock circuit as soon as it has been soldered.



For external backup battery please use external jumper or switch to switch off backup battery in case you need it.

- Carefully attach DC-DC converter board to the clock
- Re-connect your clock to the Power adapter
- Switch your clock Power Supply Adapter on
- You clock is functioning now and it keeps running in case of power failure.

BR2330A backup battery