

01

MIGNON Game Kit 1.0

- Soldering Step by Step
 > **Kitset instructions**
 Trouble shooting
 Game instructions
 Programming instructions

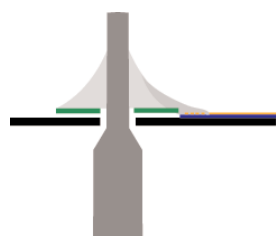
All instructions are available to download as PDFs at www.olafval.de/mignon

02

Most errors occur through "cold capillary joints". But a mix up of components may also lead to dysfunction. Furthermore it is important to fit the red components the right way around. Cold capillary joints can be fixed through applying the soldering iron anew with some tin-solder.

03

In rare cases the pad may have become detached from the circuit path. Then it is necessary to carefully scratch off a small part of the circuit path and reattach it to the pad.



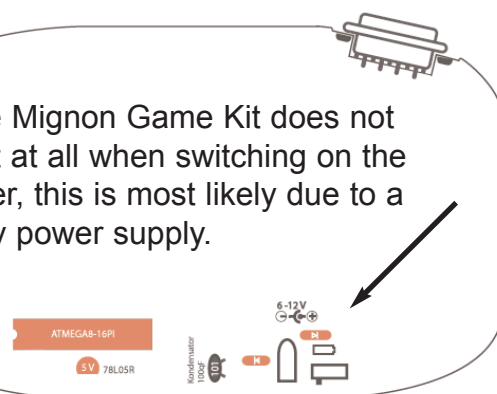
Pad (green)

Lacquer (orange)

Circuit path (blue)

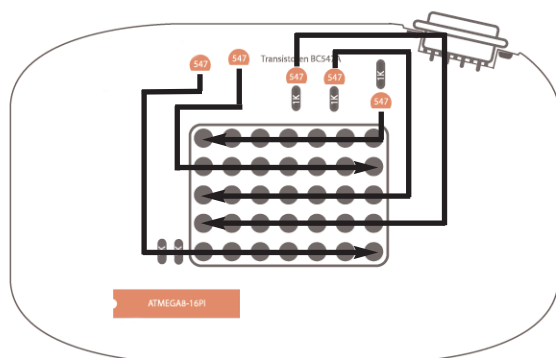
04

If the Mignon Game Kit does not react at all when switching on the power, this is most likely due to a faulty power supply.



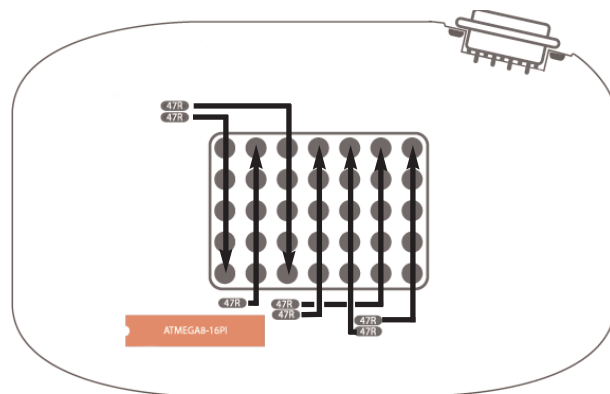
05

If one line of the display drops out, this is due to the respective BC 547 transistors or the 1 K resistors.



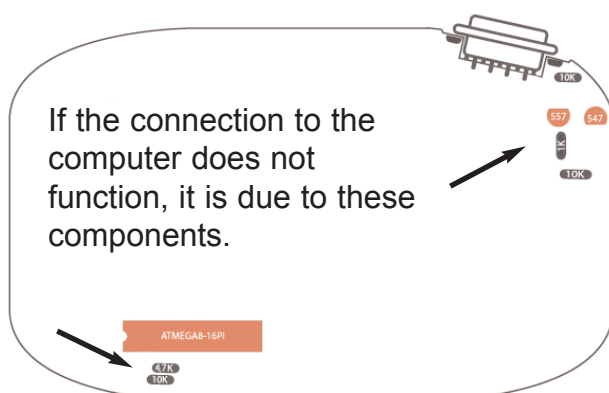
06

The display columns are wired to the 47R resistors.



07

If the connection to the computer does not function, it is due to these components.



08

If you have any further questions, please contact mignon@olafval.de