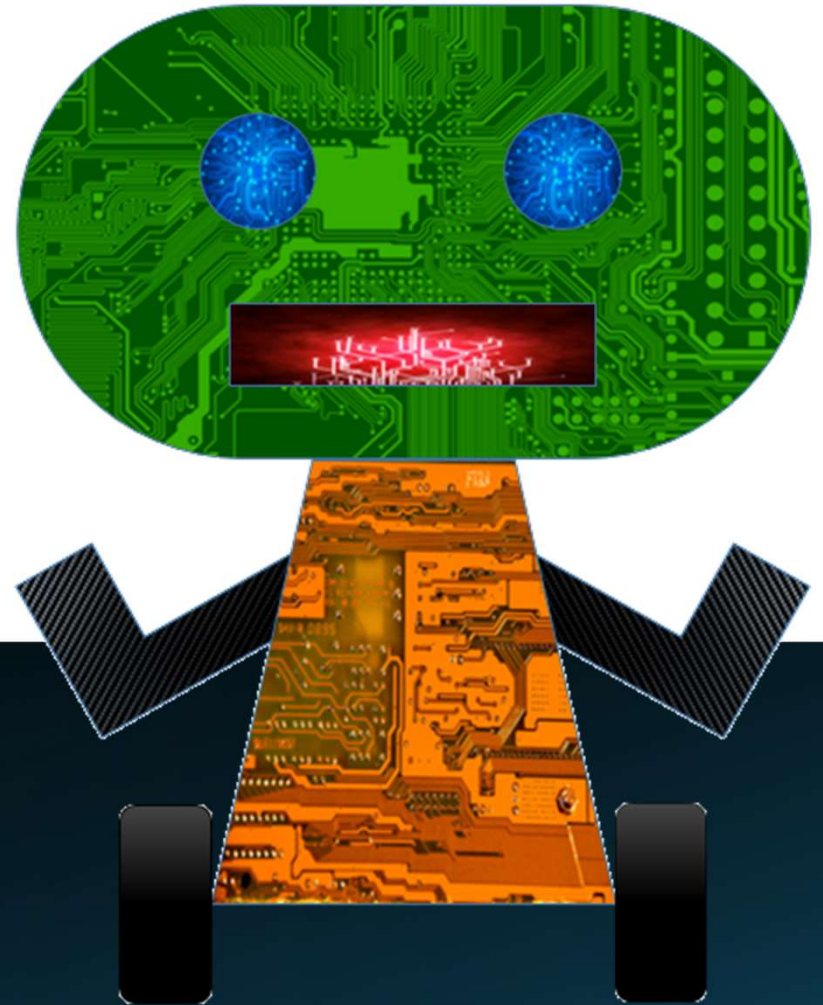


# Kempston Adapter DIY Kit

You Make Robots

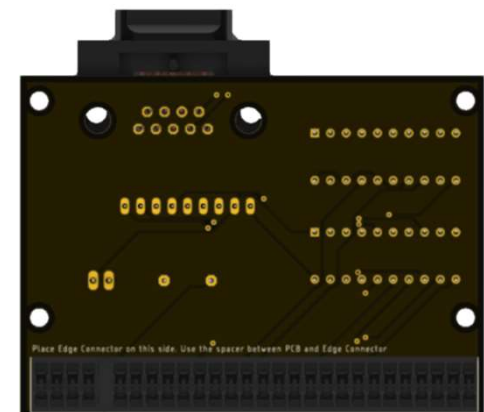
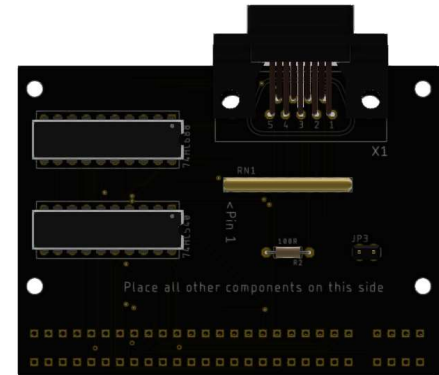


# Requirement and Disclaimer

- You must have previous experience of soldering components
- Once soldering has taken place, you will not be able to return the kit
- We (You Make Robots) are not held liable for any damage that may occur while using this device
- Always make sure your computer is powered off before fitting this device to it.

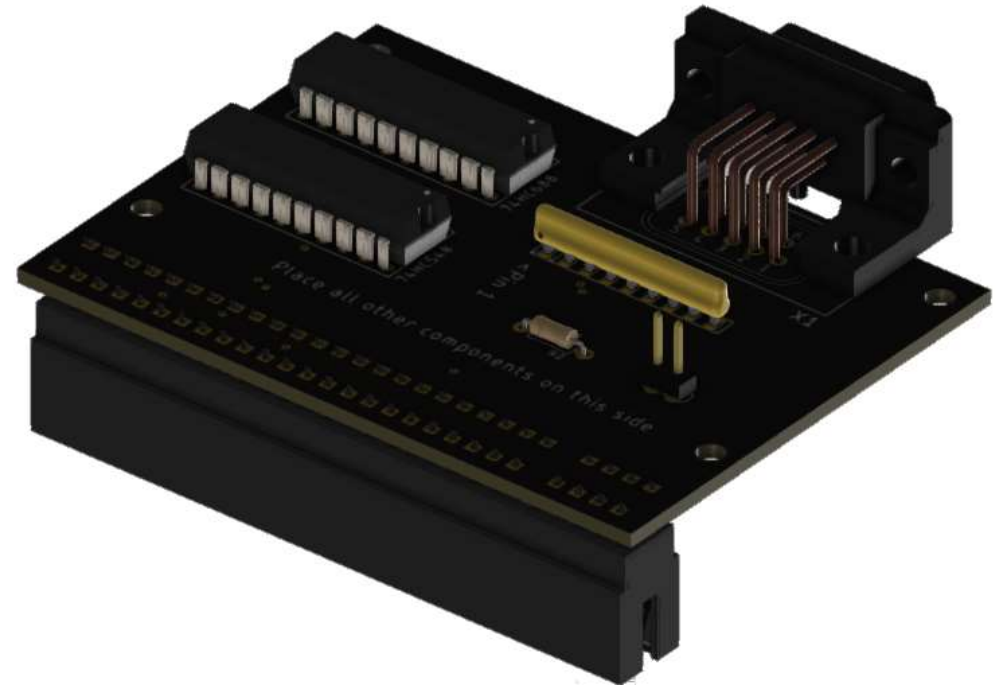
# Kempston Adapter parts

- PCB
- Edge Spacer
- Edge Connector suitable for ZX Spectrum
- 74ls540 IC
- 74ls688 IC
- 100R resistor
- 9 pin 10K resistor array
- 2 x 10p DIL sockets
- Header pins and jumper



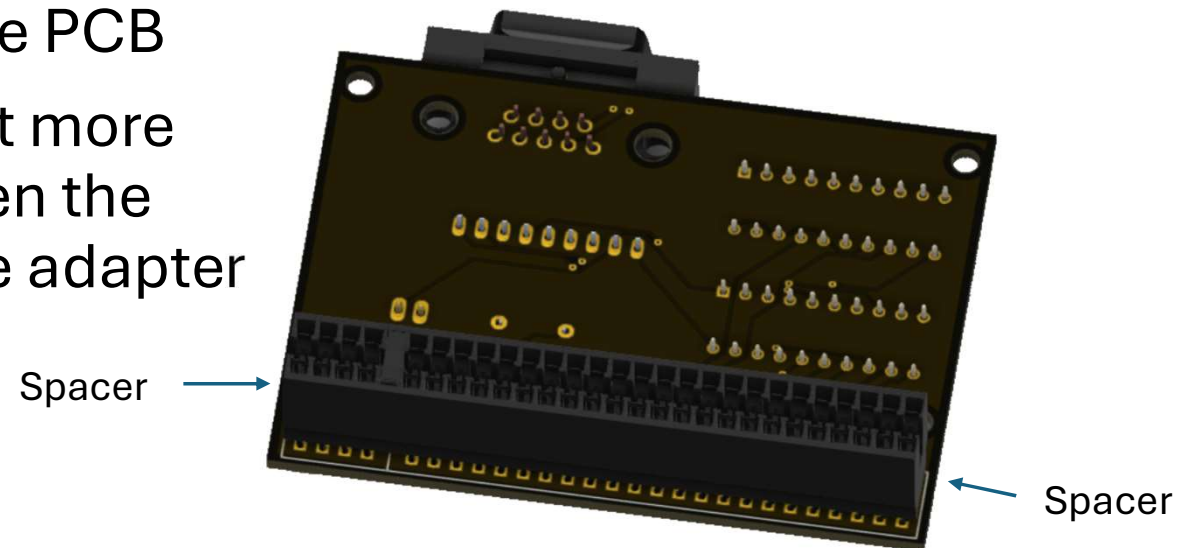
# Building the kit

- All components except the Edge Connector are soldered on the same side and are very well labelled.
- Make sure the jumper is on the 2 header pins
- Please pay attention to where pin1 is on the resistor array



# Building the Kit

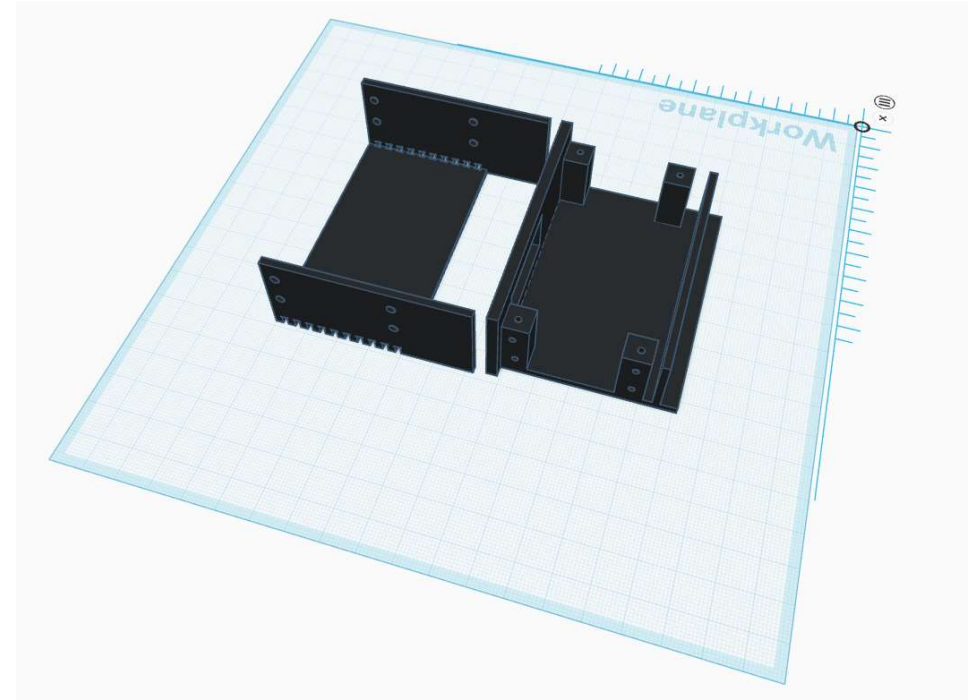
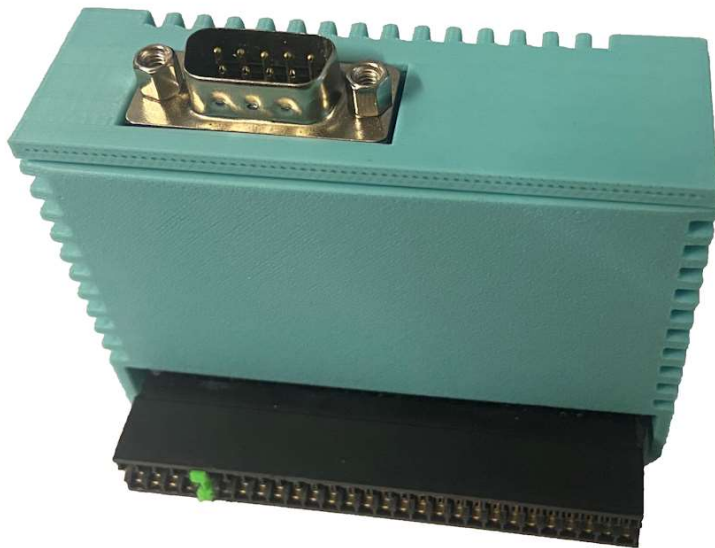
- Before soldering in the Edge Connector, place the spacer between it and the PCB
- This provides a bit more clearance between the computer and the adapter



# 3D Print Your Own Case

- 3D model found at:

<https://www.thingiverse.com/thing:6975584>





[www.youmakerobots.com](http://www.youmakerobots.com)