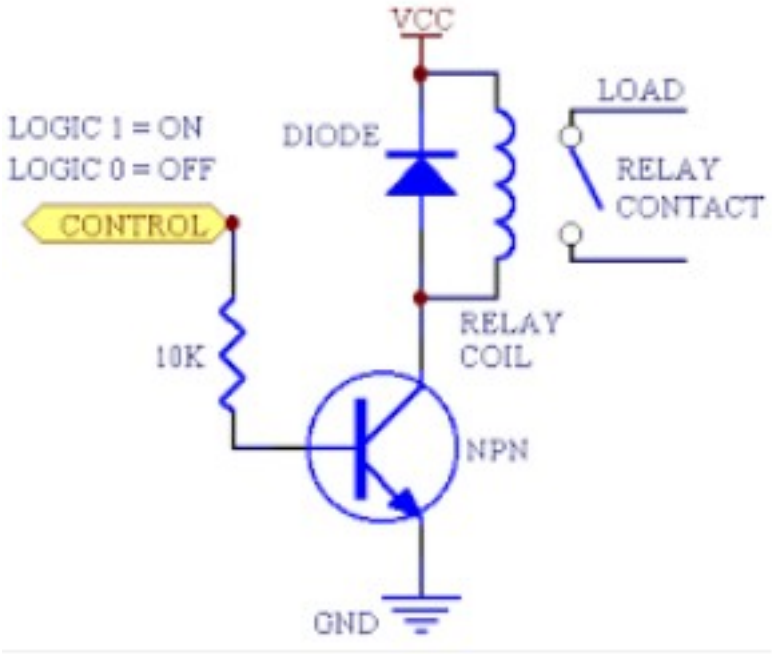
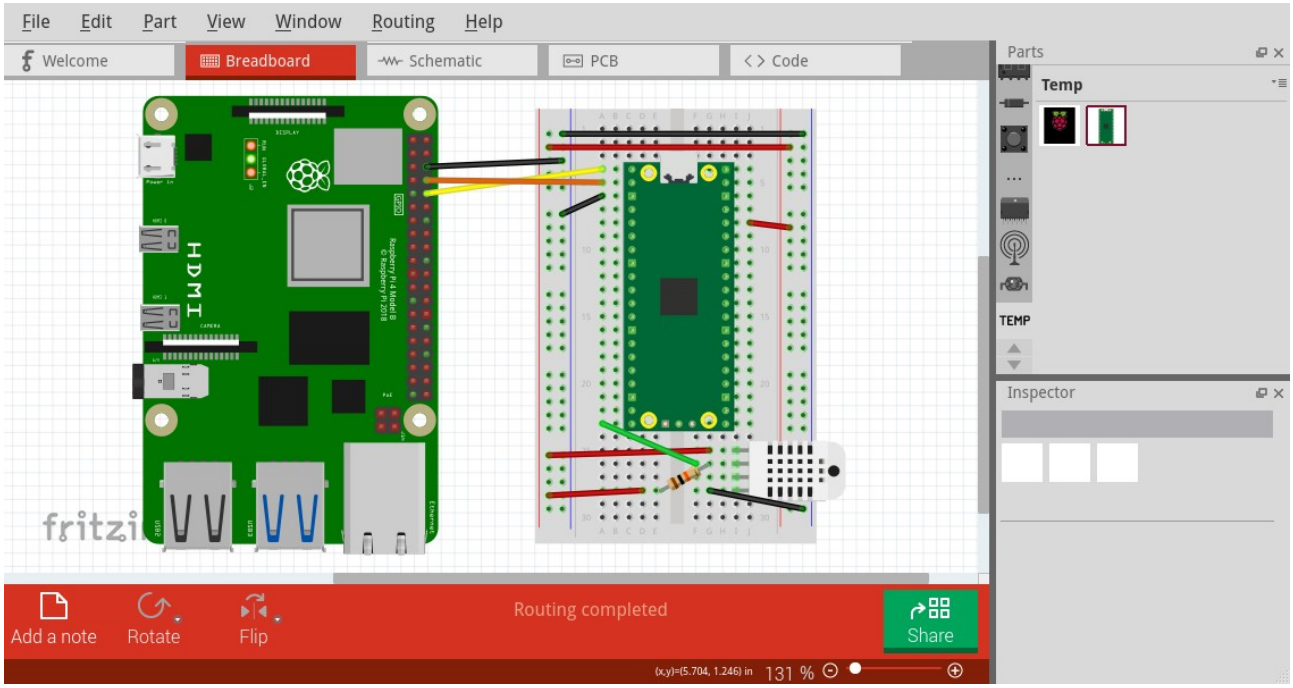
sudo apt-get install fritzing

https://electronics.stackexchange.com/questions/166670/how-do-i-energize-a-12v-relay-coil-using-a-2n2222-bipolar-transistor

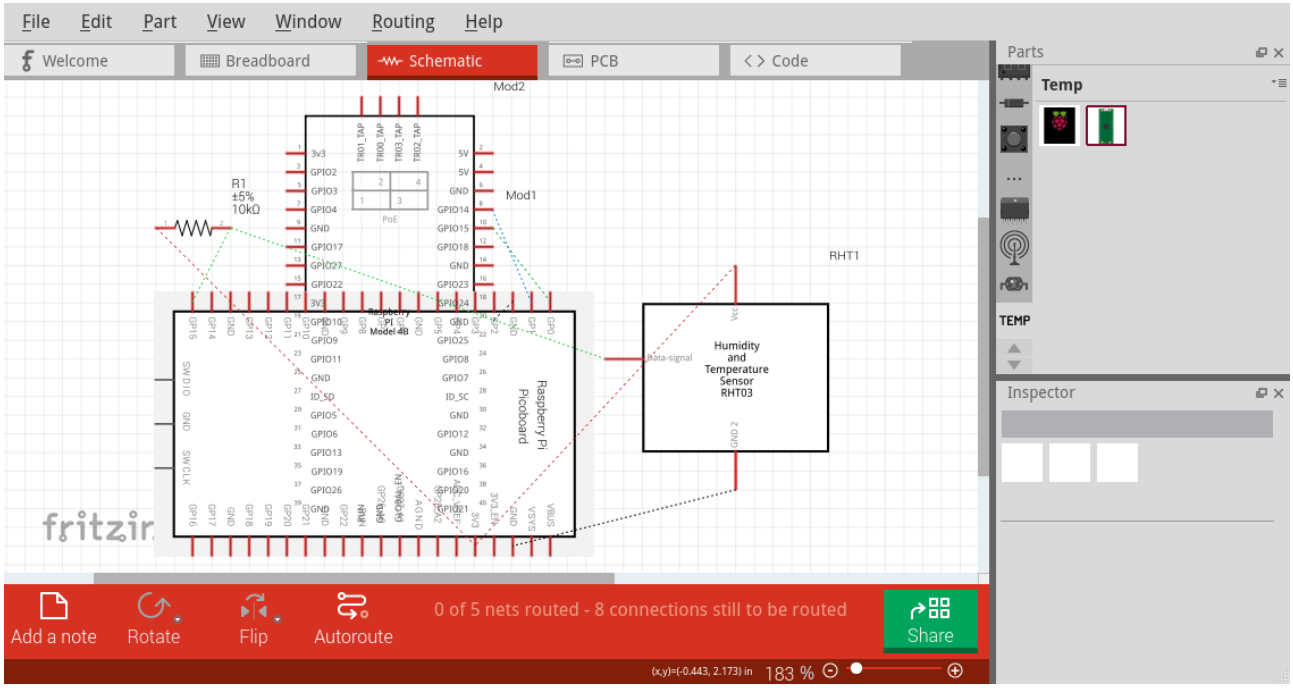
relay control



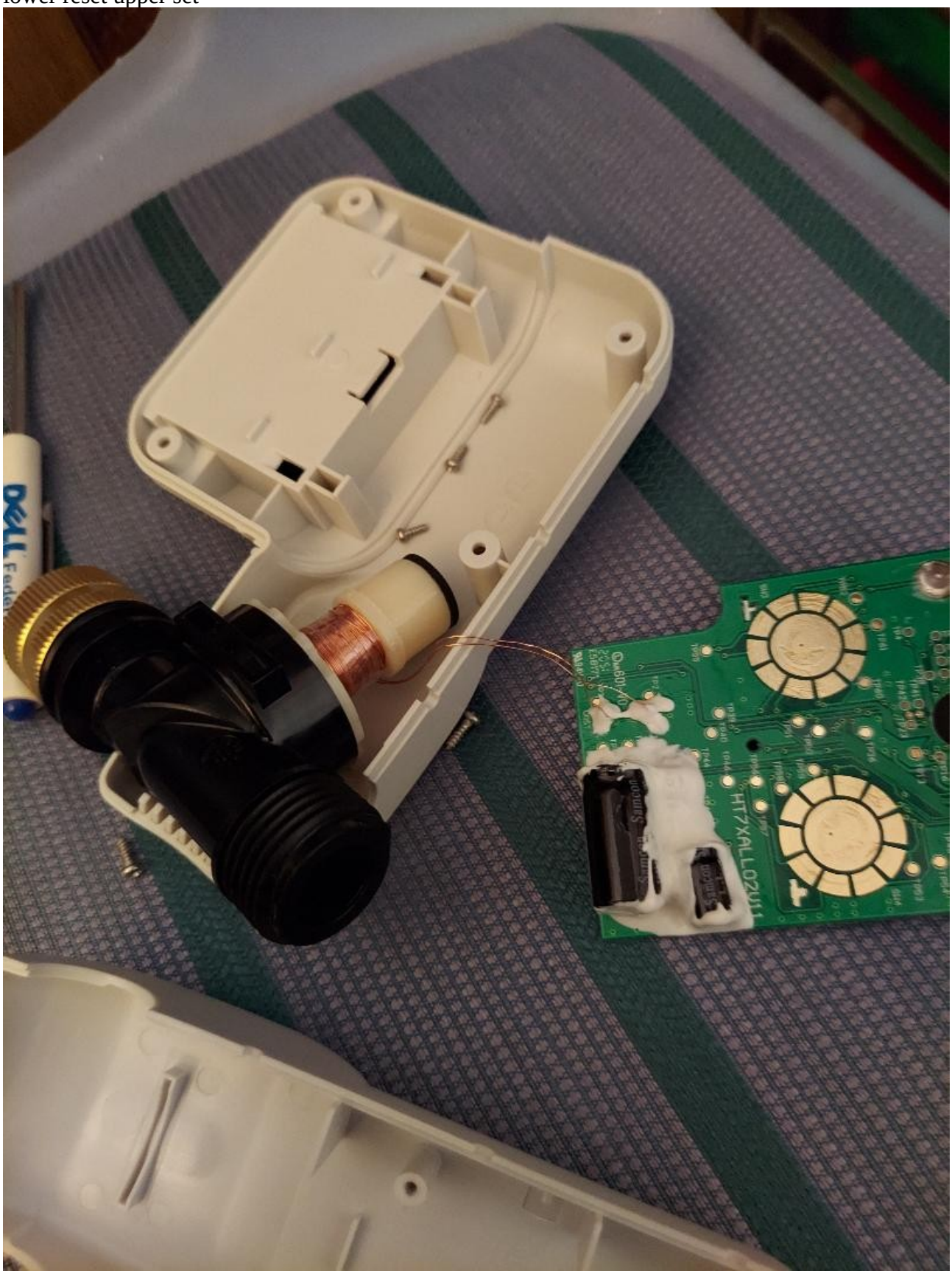
this is what fritzing provides. Instead of the Rpi which is on the left you can use minicom myusb0 with the ftdi usb to serial
Use fritzing to open
/home/devel/pi4-28/pico-examples/gpio/dht_sensor/pi-and-pico-uart-and-dht-sensor.fzz


File
Edit
Part
View
Window
Routing
Help
Welcome
Breadboard
Schematic
PCB
Code
Parts
Temp
TEMP
Inspector
Add a note
Rotate
Flip
Routing completed
Share
131 %

schematic


File
Edit
Part
View
Window
Routing
Help
Welcome
Breadboard
Schematic
PCB
Code
Parts
Temp
TEMP
Inspector
Mod2
Mod1
R1
±5%
10kΩ
RHT1
Humidity
and
Temperature
Sensor
RHT03
Raspberry Pi
Picoboard
Add a note
Rotate
Flip
Autoroute
0 of 5 nets routed - 8 connections still to be routed
Share
183 %

relay

DELL
HT7XALL02U11

lower reset upper set