

The readme file to the Footwarmer

Sources

An old video referring to an obsolete version of ATTinyCore, but the current version works so it is applicable anyway:

<https://www.youtube.com/watch?v=TyJQtaTv3Q>

ATTinyCore on GitHub:

<https://github.com/SpenceKonde/ATTinyCore>

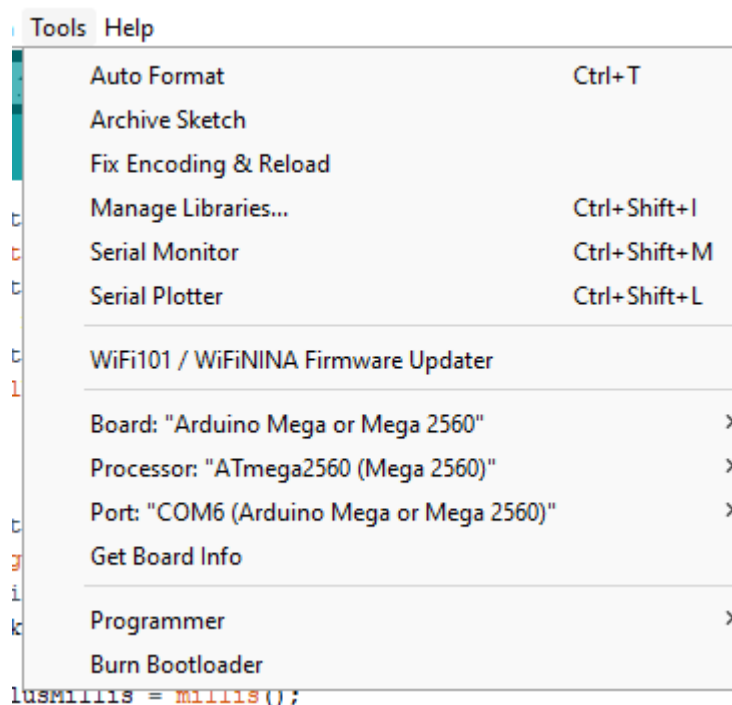
Programming the board using Sketch

In order to program the board an Arduino Mega 2650 was used as used as a programmer gateway. Other Arduino boards can be used as well, but then the pin numbers in ArduinoISP.ino needs to be adjusted.

Note: you can get the ArduinoISP.ino from the examples within Sketch, but some adjustments were made hence the file presence of the file on GitHub.

First, upload the ArduinoISP.ino

(<https://github.com/speedbird620/footwarm/blob/main/ArduinoISP.ino>) to the Arduino Mega 2650 board. Use these settings:

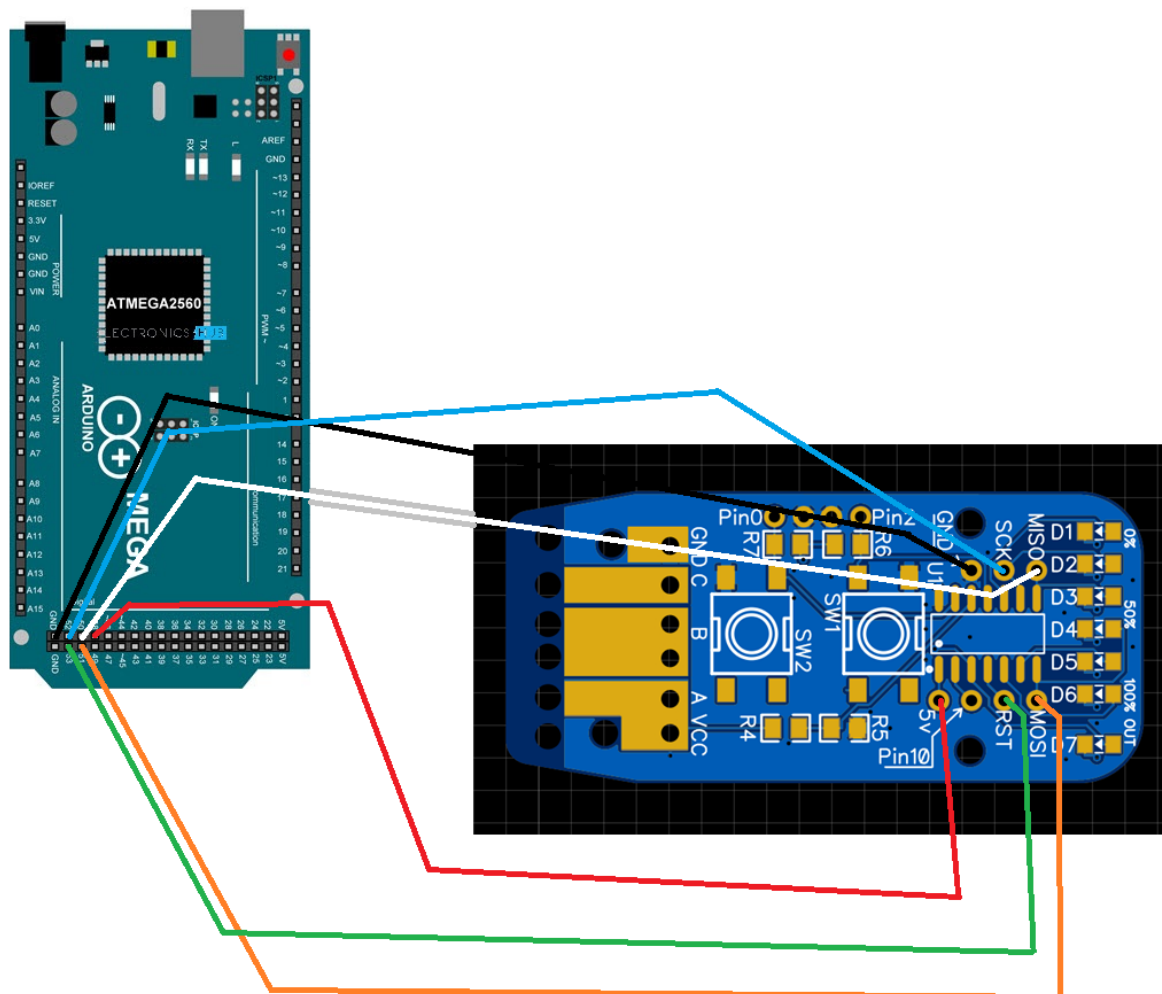


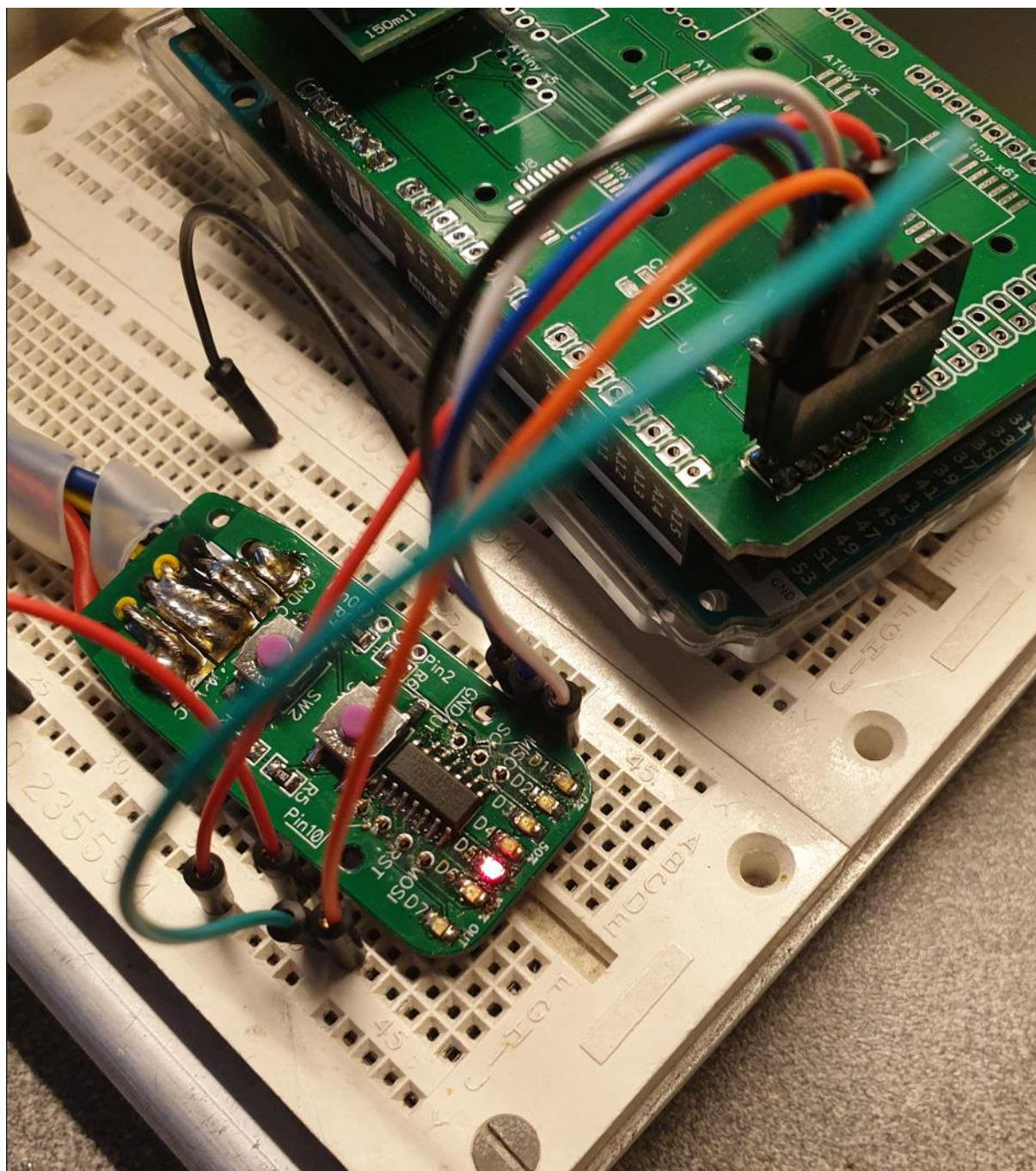
Please note that the com port the Arduino is mounted to is specific for each computer. Look in the device manager if unsure.

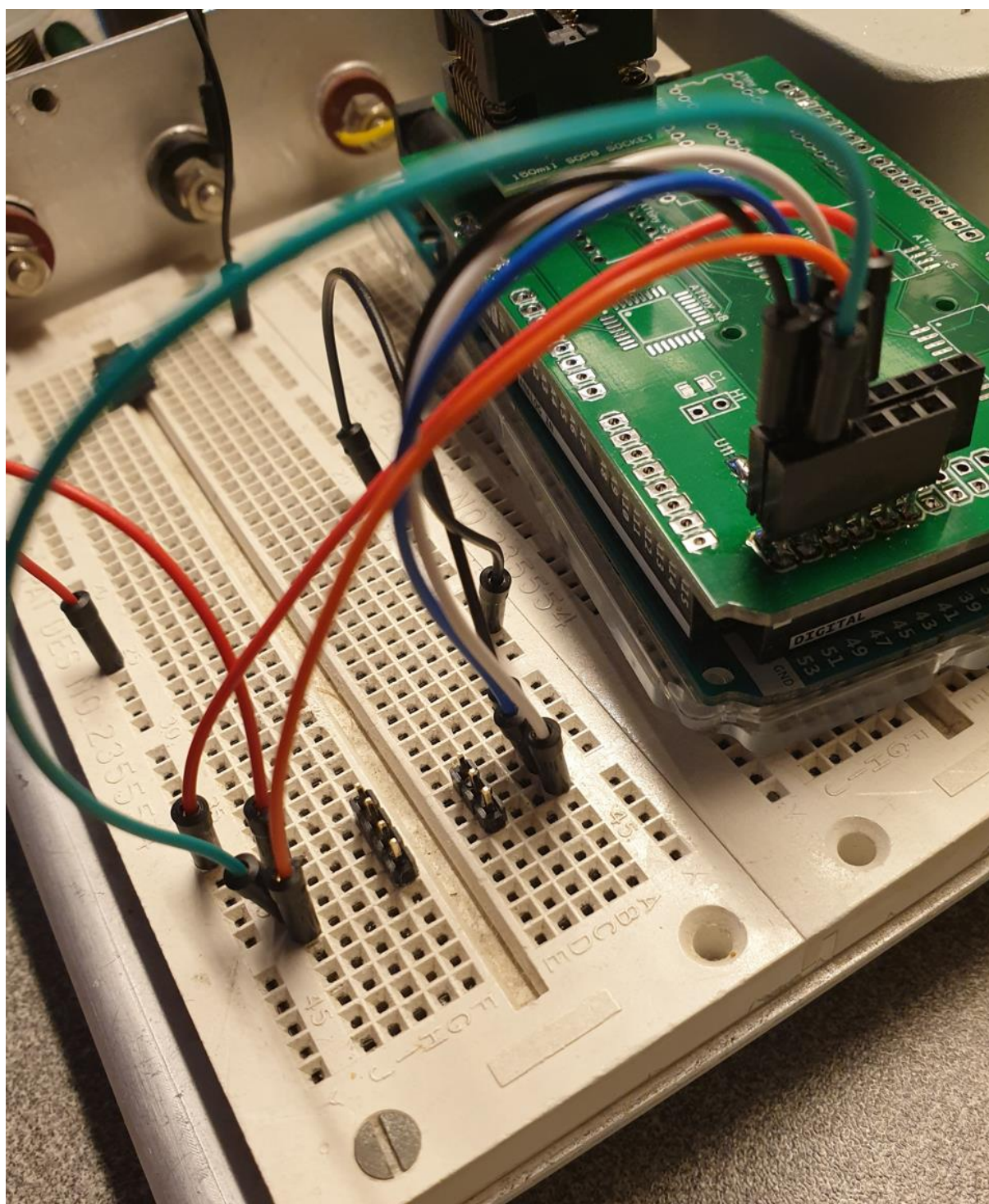
Then connect the board to the Arduino Mega 2650:

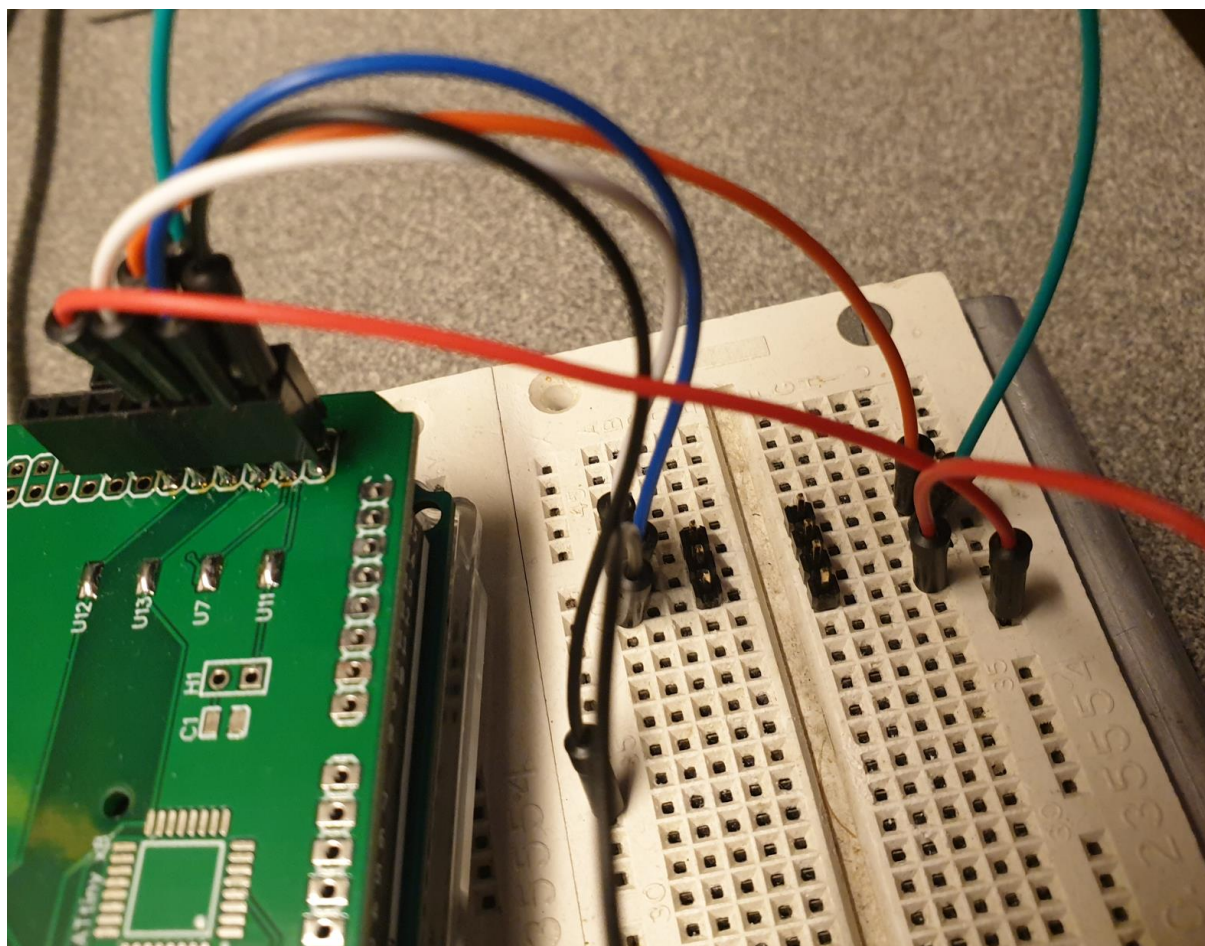
Arduino Mega 2650 pin number	Footwarm pin name	Function	
48	5v	Power to the Footwarmer	
50	MISO	Master In Slave Out	
51	MOSI	Master Out Slave In	
52	SCK	Sync	
53	RST	Reset	
GND	GND	Ground	

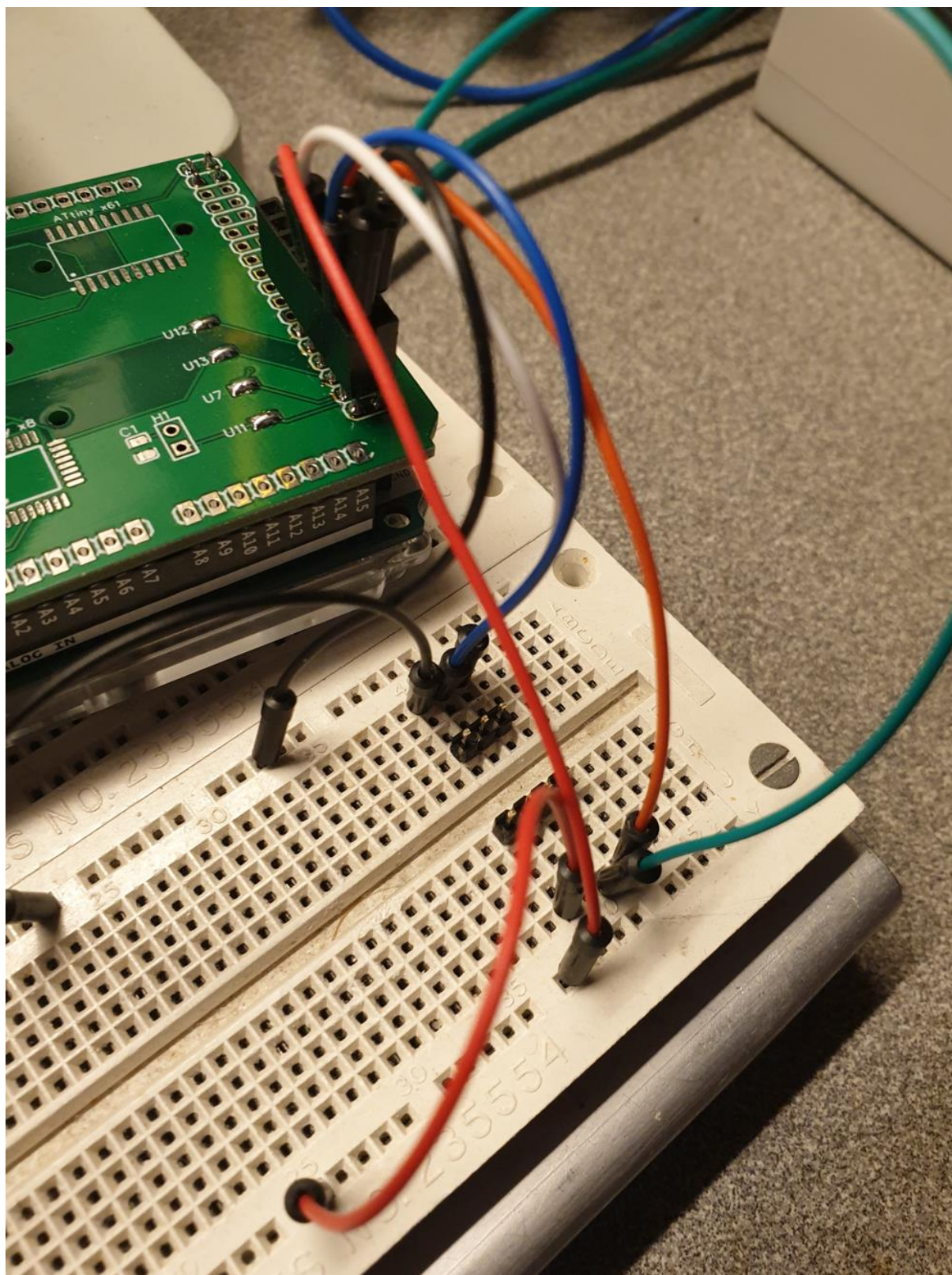
In some tutorials they are mentioning a capacitor on the reset pin, but I never got it to work so I just left it out.



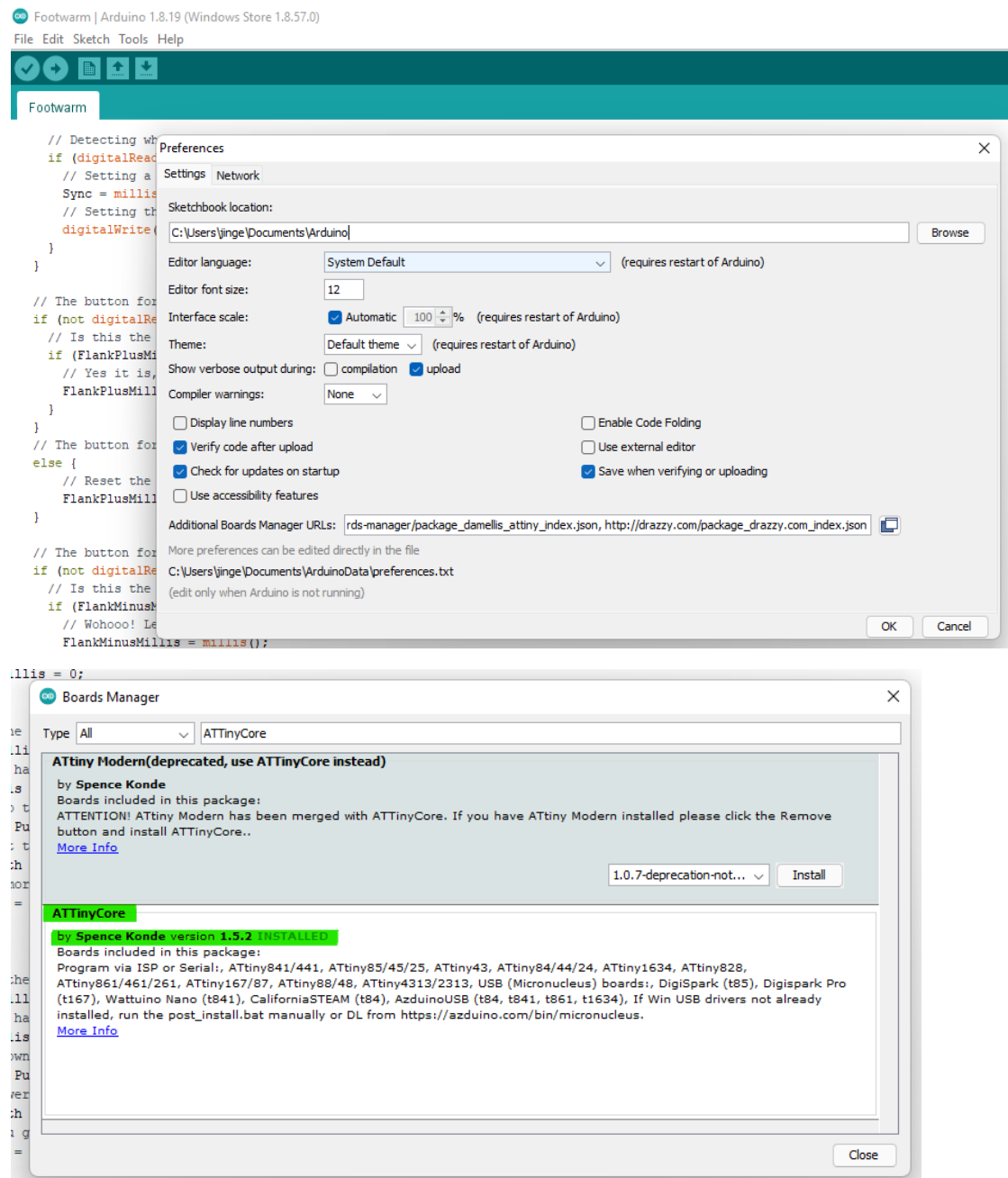


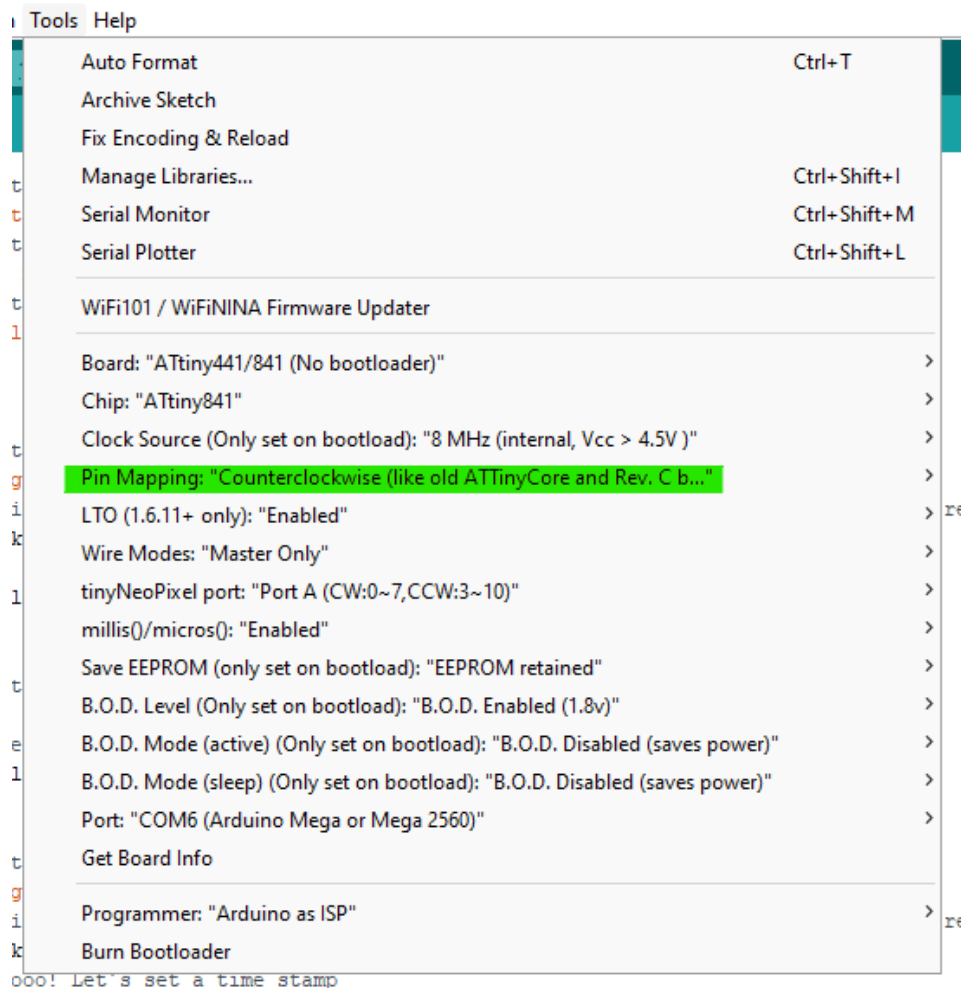








Proved settings used in sketch:





All default choices except pin mapping.

Then compile  and upload  and it should work. If not, check settings and connections. Still not lucky? Use Google, it usually helps. At least for me.