

# Building Connected Devices

Nick Lee

PARTNER & CTO, TENDIGI



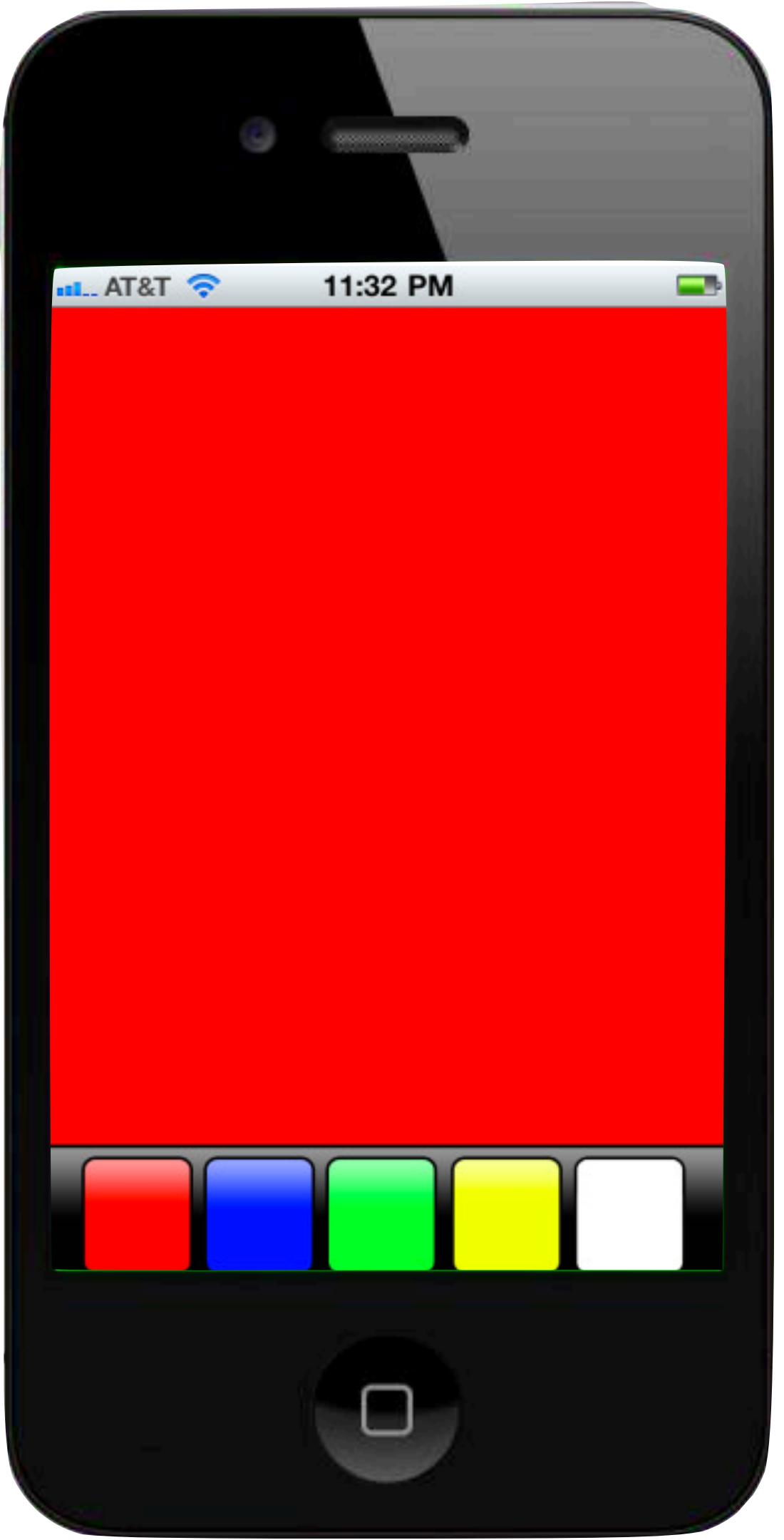
# Who Am I?



TENDIGI

# GIZmodo

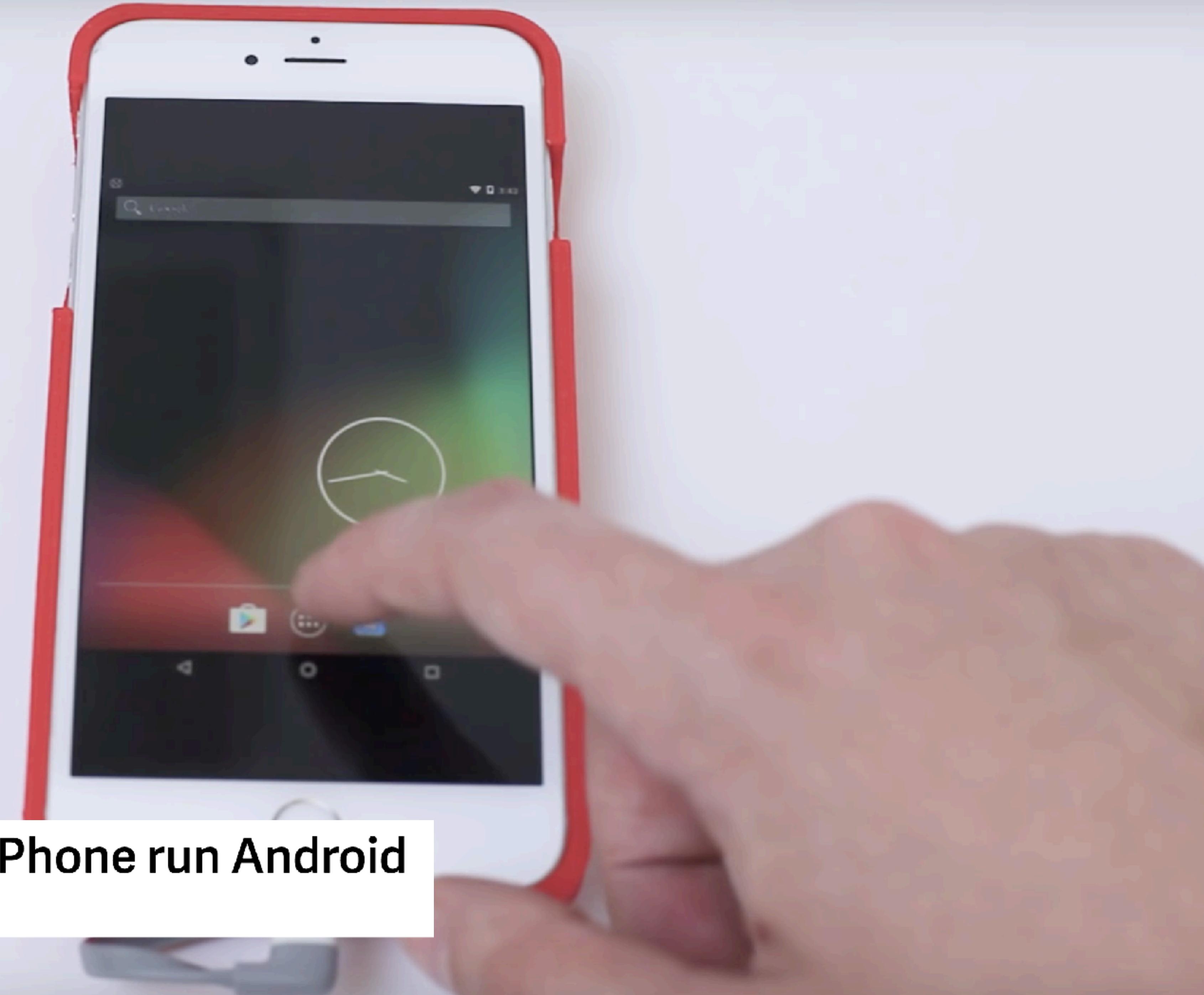
How a 15-yo Kid Tricked Apple With a Disguised iPhone Tethering App



engadget

Windows 95 on an Apple Watch is  
wonderfully impractical





**THE VERGE**

## This phone case lets an iPhone run Android

*Developer Nick Lee is at it again*

Why do I have any credibility  
on this topic?

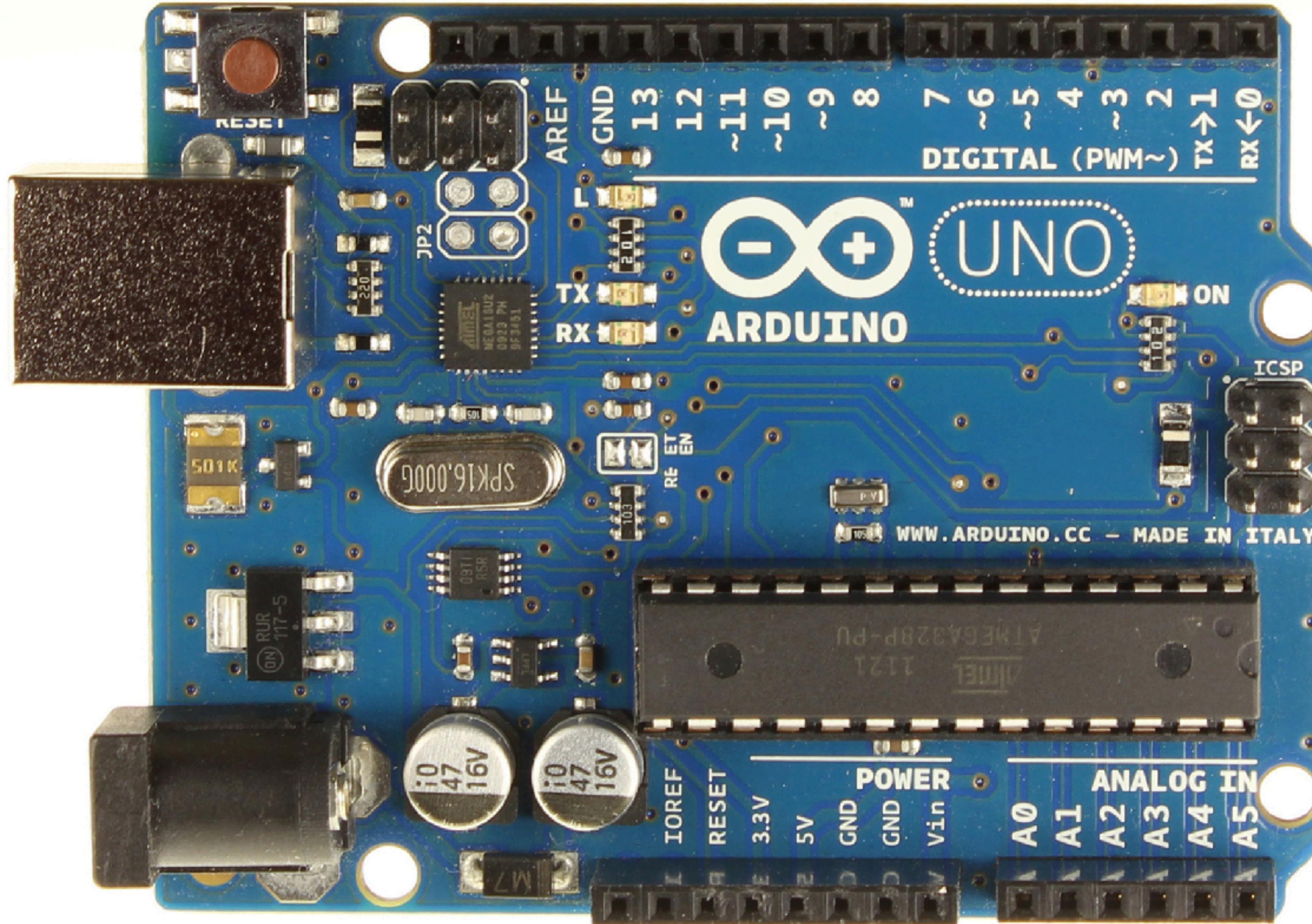


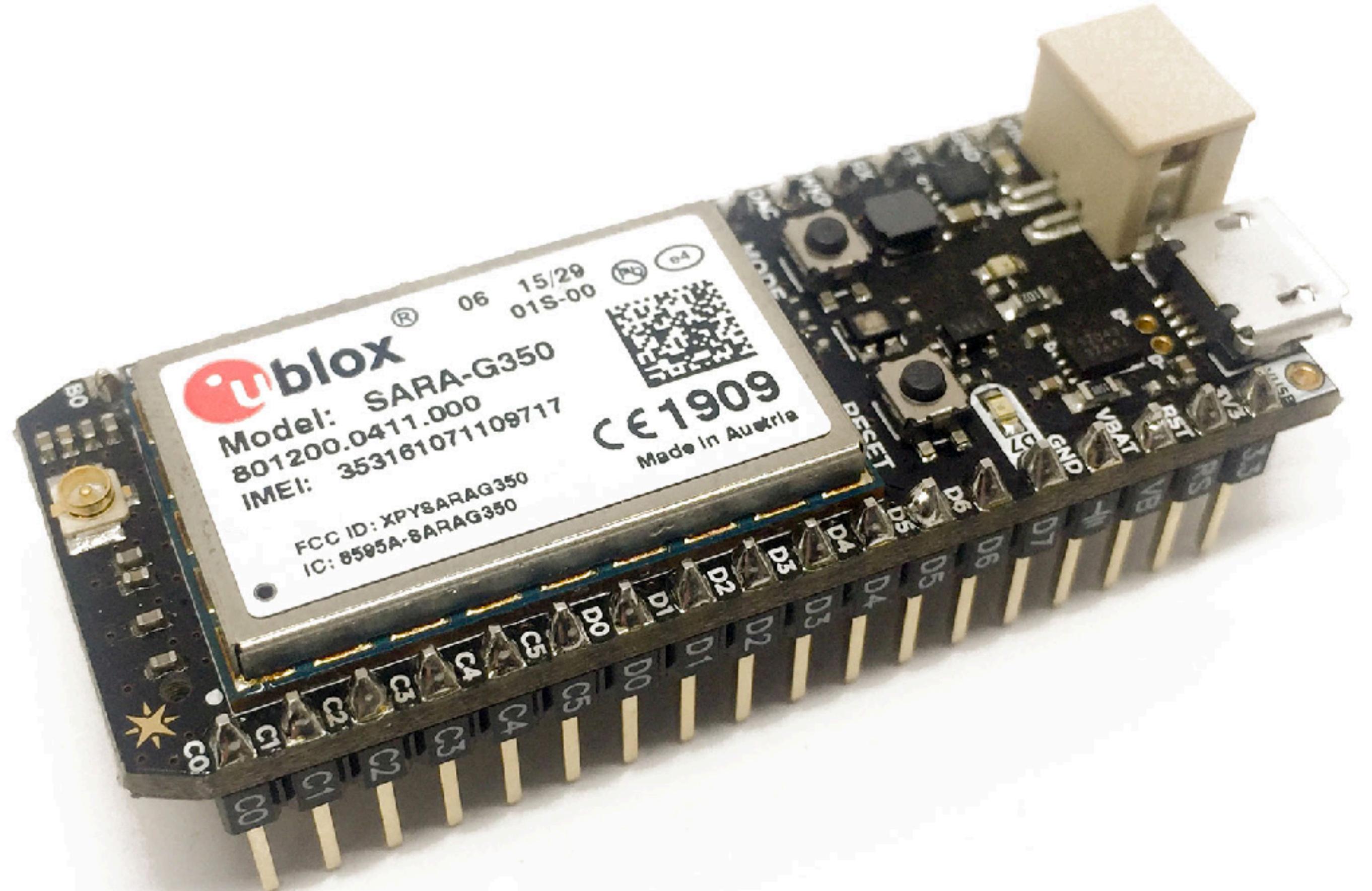


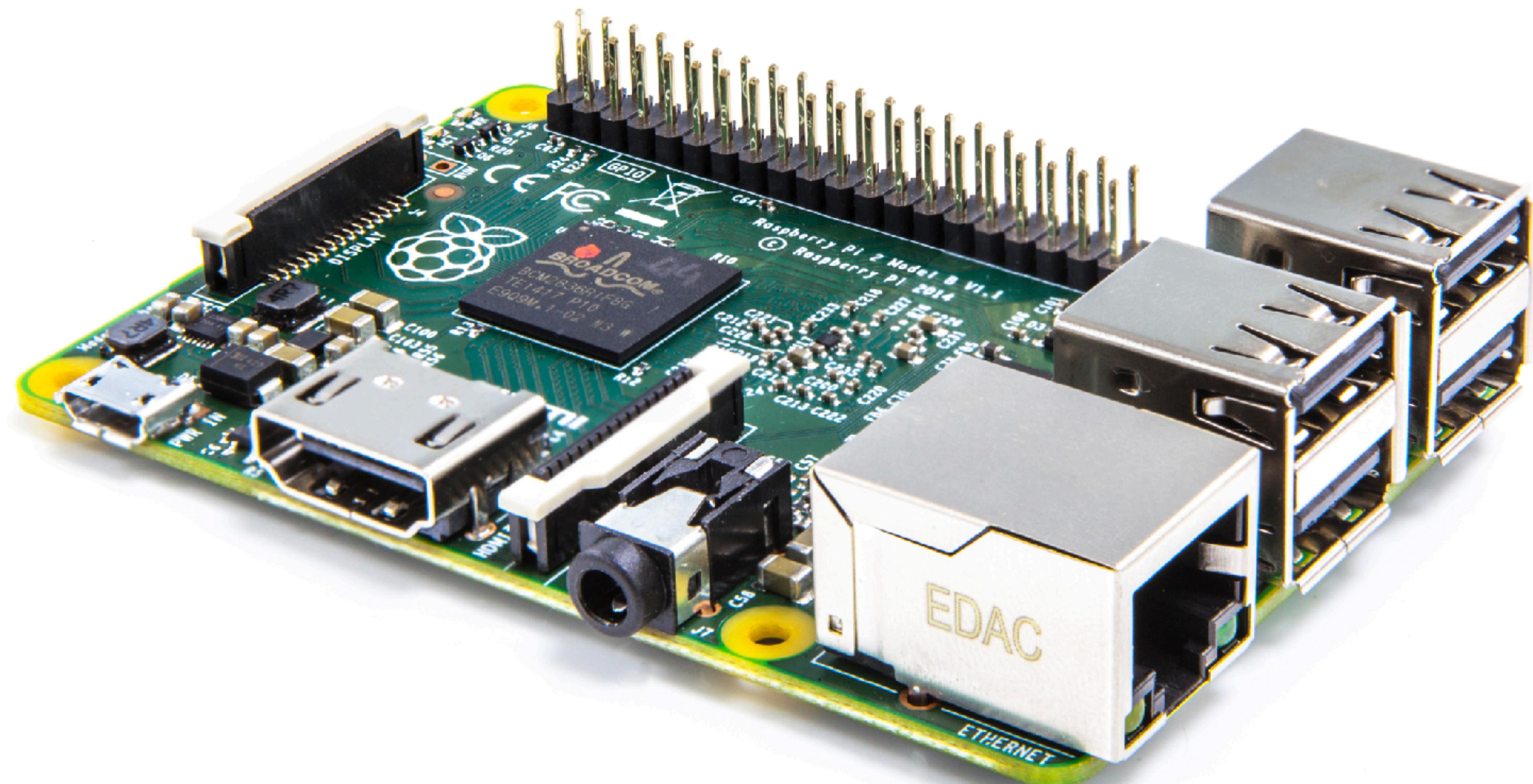
# Fundamentals

# Microcontrollers

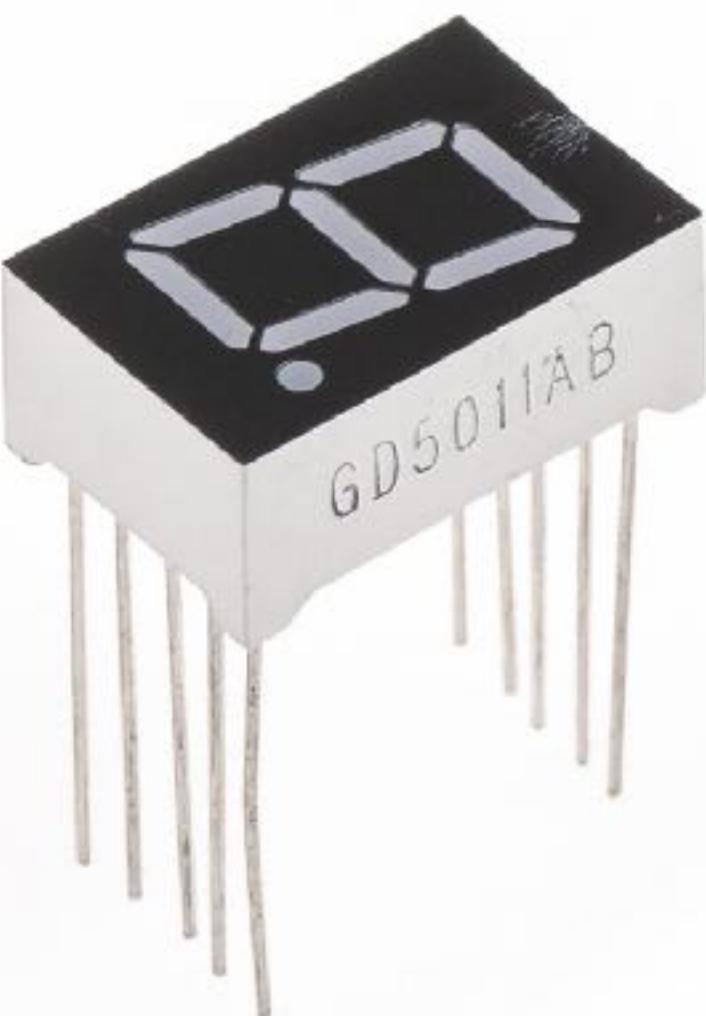
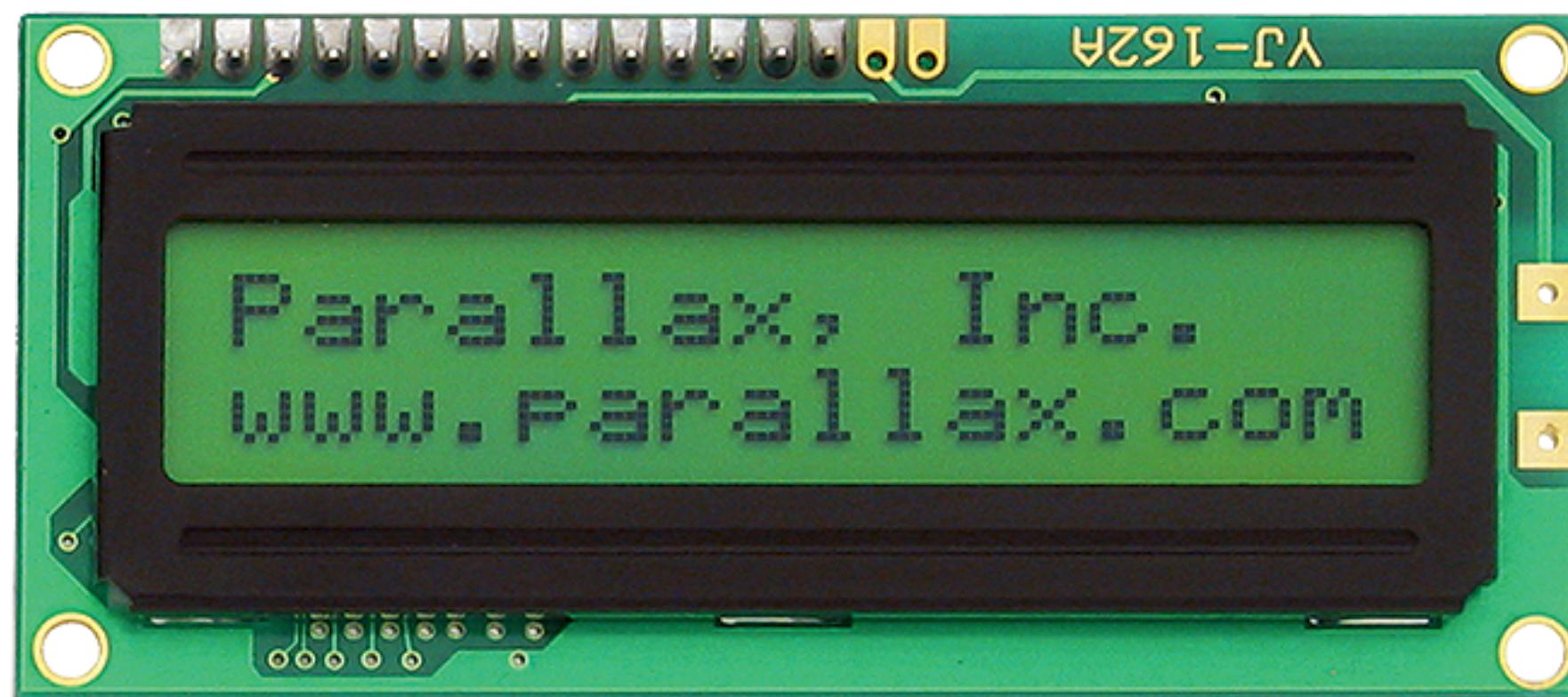
**Microcontroller** = single chip computer  
with integrated ROM, RAM, and other  
features

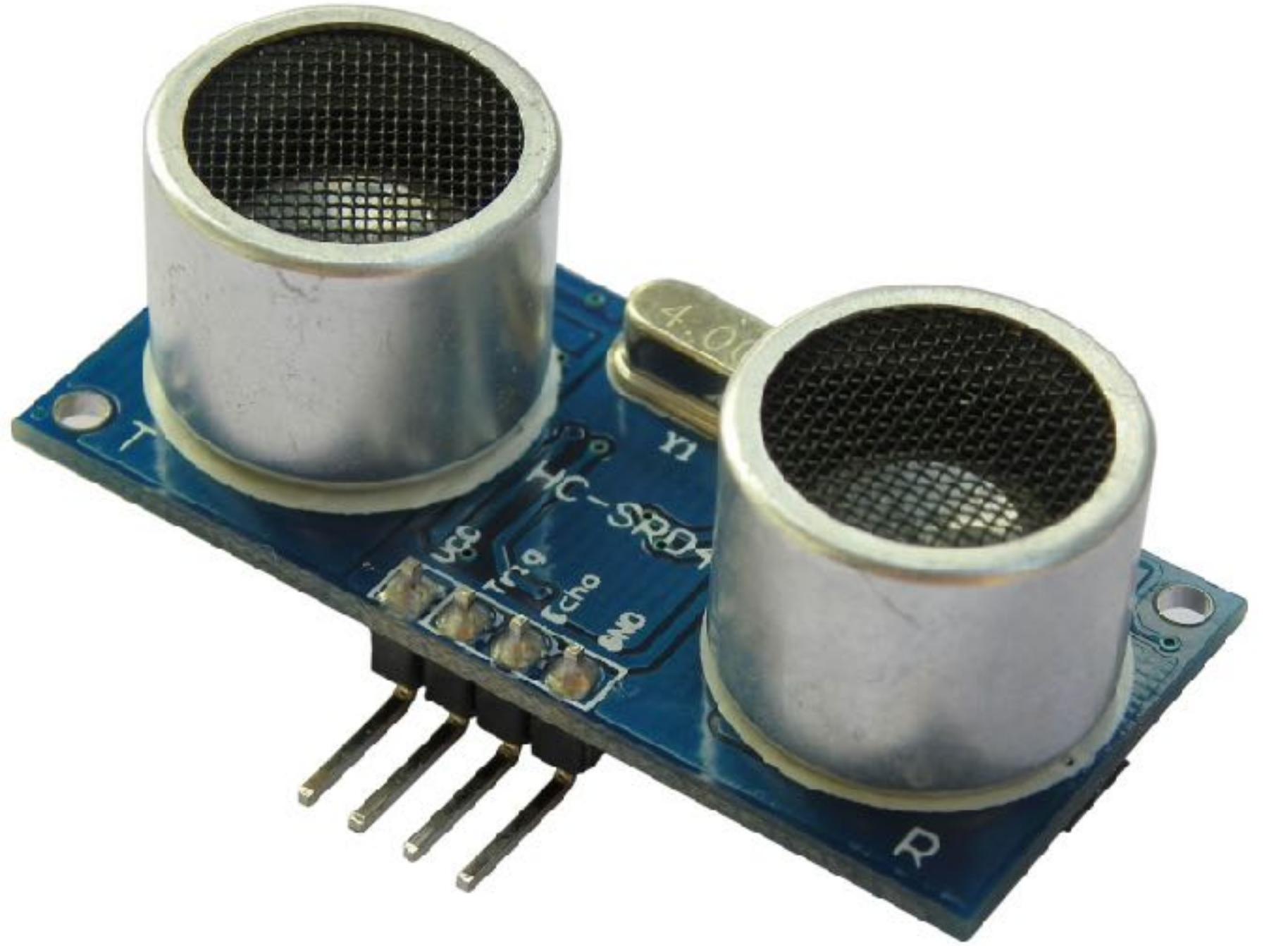






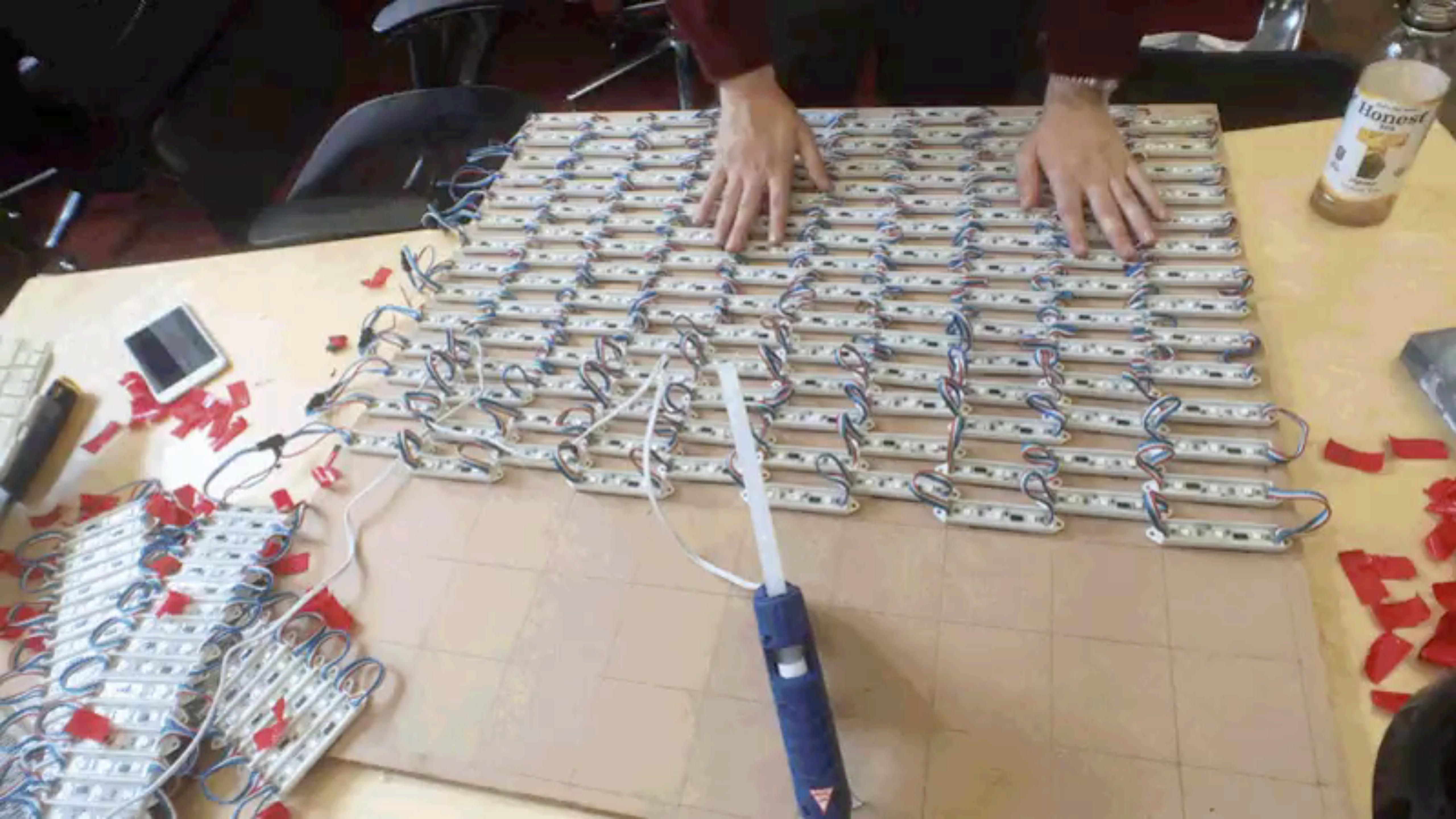
# Peripherals

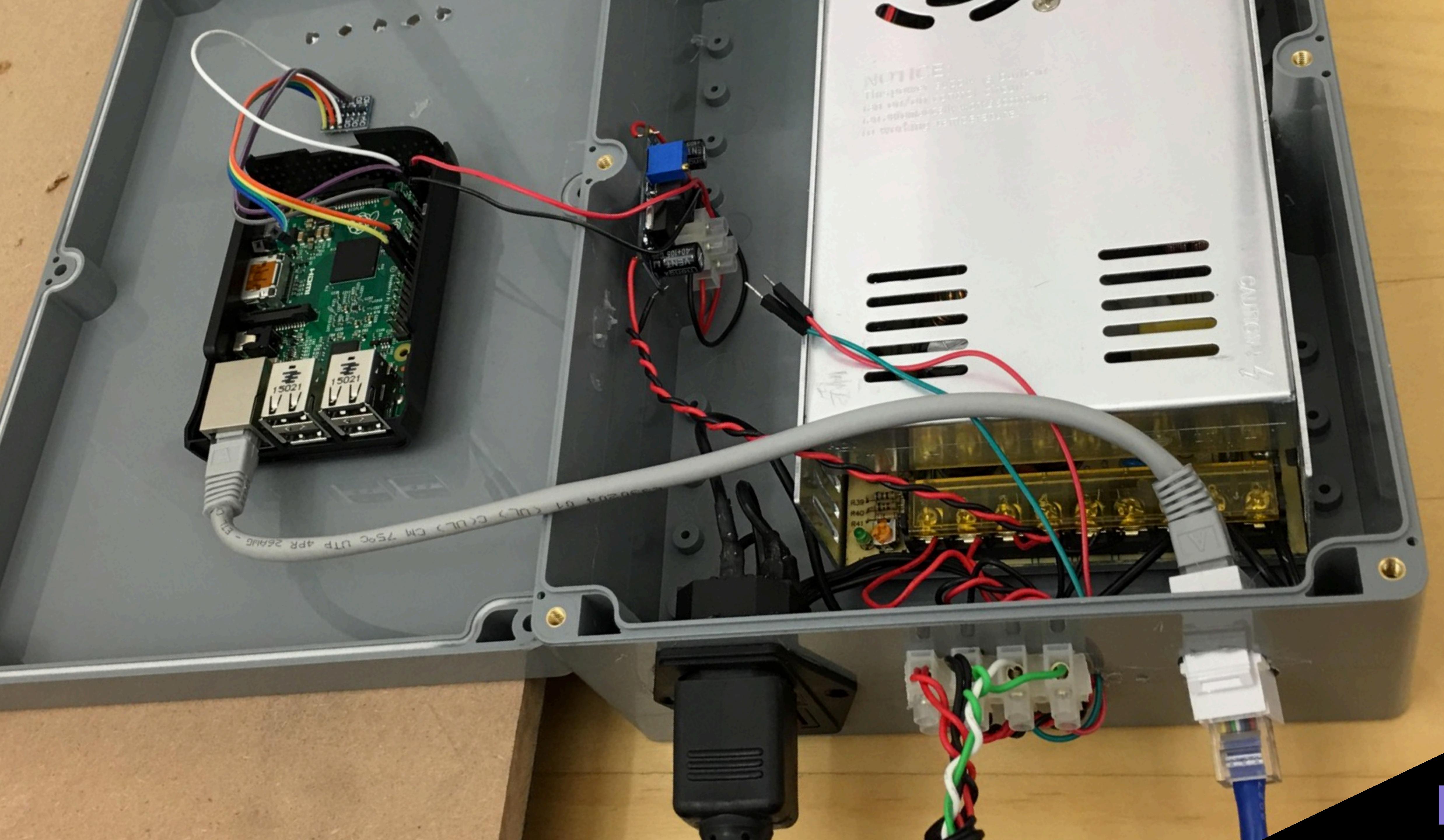




# Example







```
$ curl http://proxy.private.tendigi.com/dumbotron/status
```

```
$ curl -XPOST http://proxy.private.tendigi.com/dumbotron/text  
-H 'Content-Type: application/json' -d '{"text": "your text  
here"}'
```

Source code on **GitHub**

<https://github.com/tendigi/signserver>

**DONE WITH MY PRESENTATION**

**NOW I HAVE TO ANSWER  
QUESTIONS**



# TENDIGI

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