

Description

I came across this [mysterious device](#). So I [hooked up my logic analyser](#) and recorded somebody using it (`capture.so1`).

This challenge has two flags in the `flag{}` format:

- The first (easier) is the password that was typed on the keyboard.
- The second (significantly harder) is what was displayed to the screen after the password was entered.

[Close up images of the setup](#) have been provided.

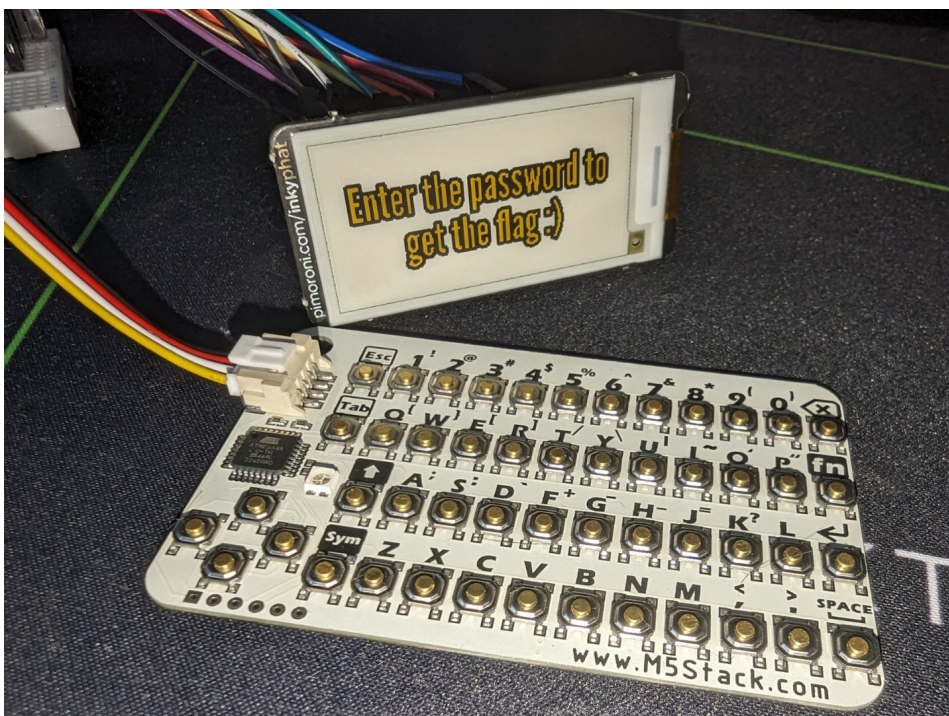
Where possible, wire colours have been consistent (i.e. black will always be 3.3v or 5v power , white will always be ground and the others are for you to work out). The only exception is the cable plugged into the keyboard:

Keyboard Cable	Everywhere Else
Black	White
Red	Black
White	Grey
Yellow	Purple

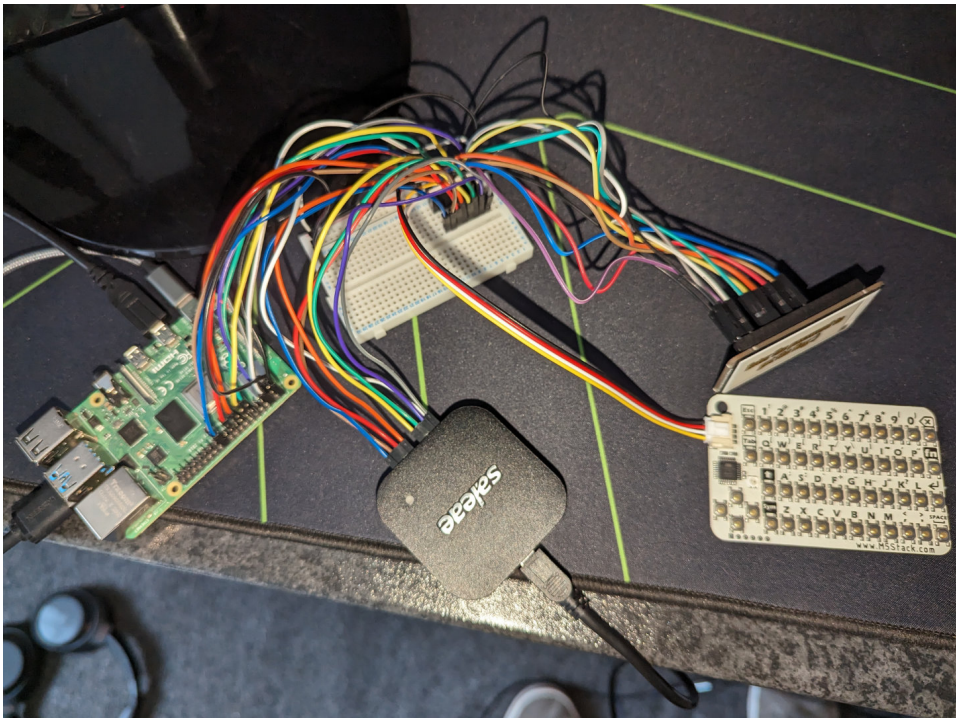
Good luck :)

Images

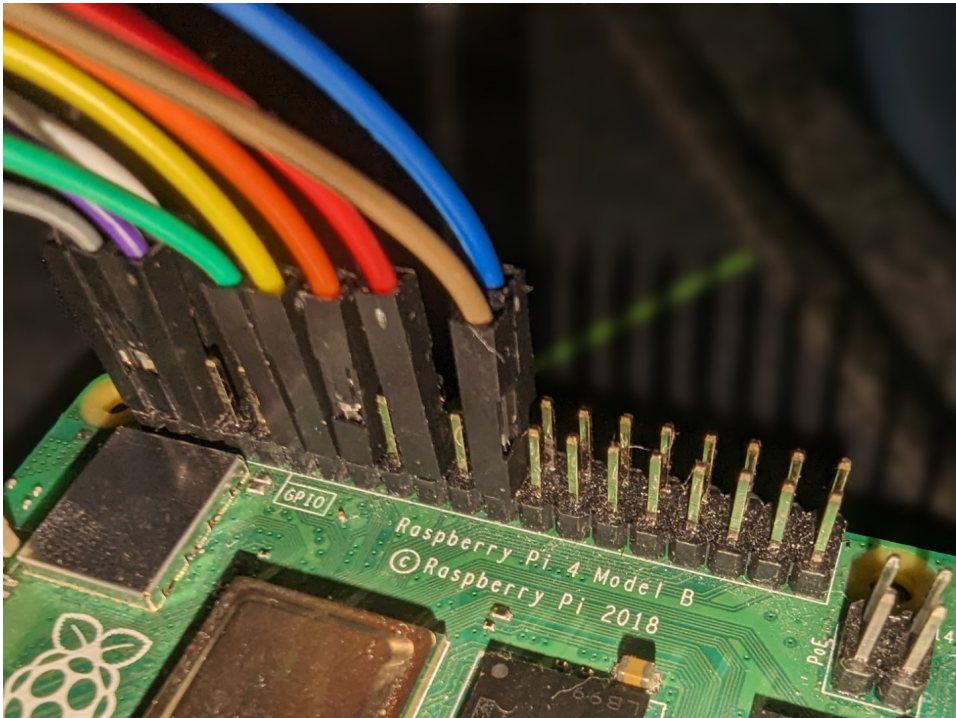
Device

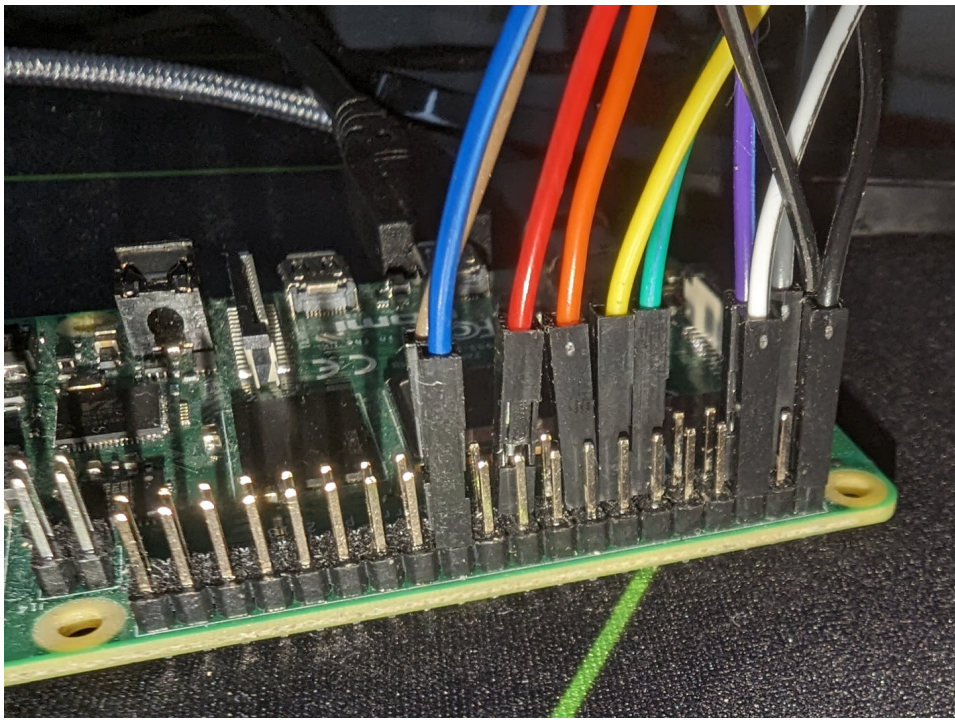


Everything

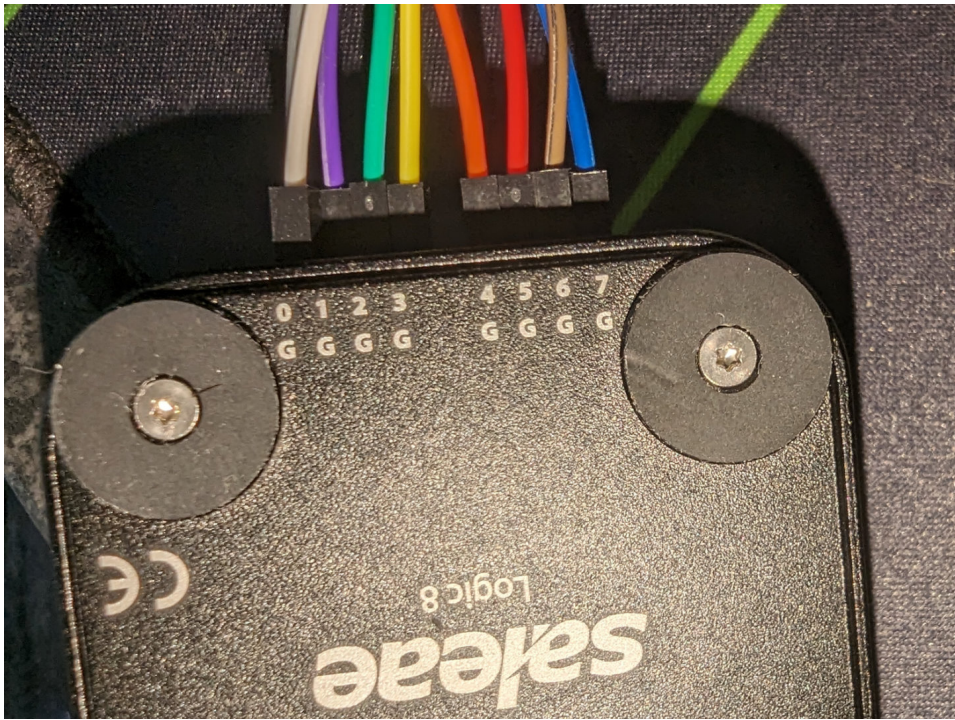


Raspberry Pi





Logic Analyser





Display

