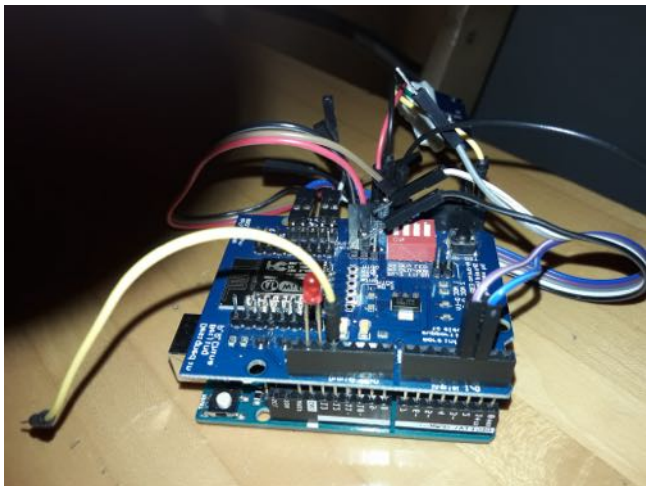
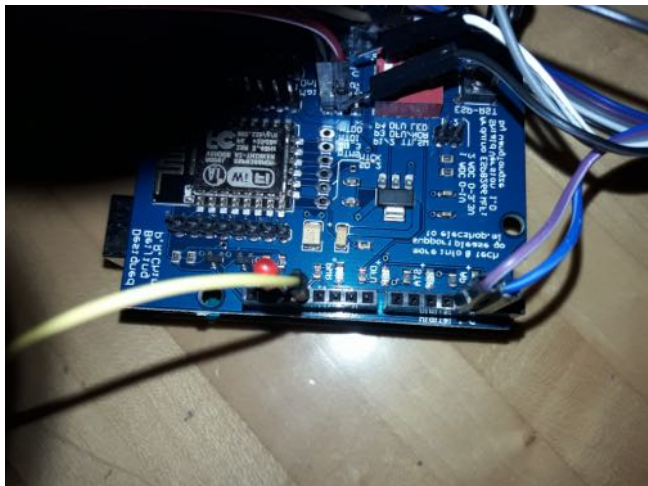
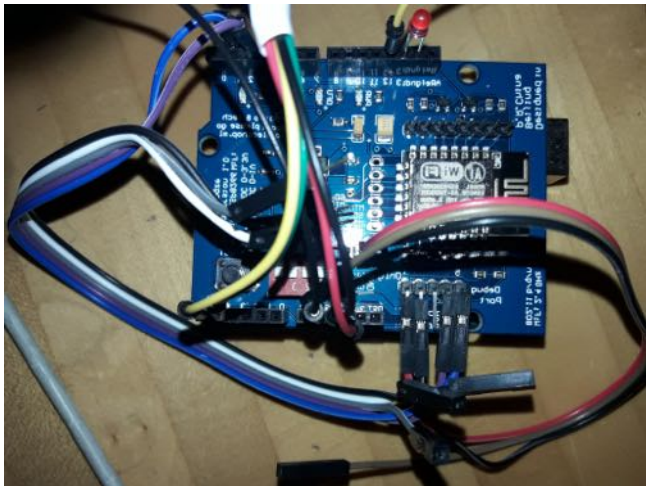
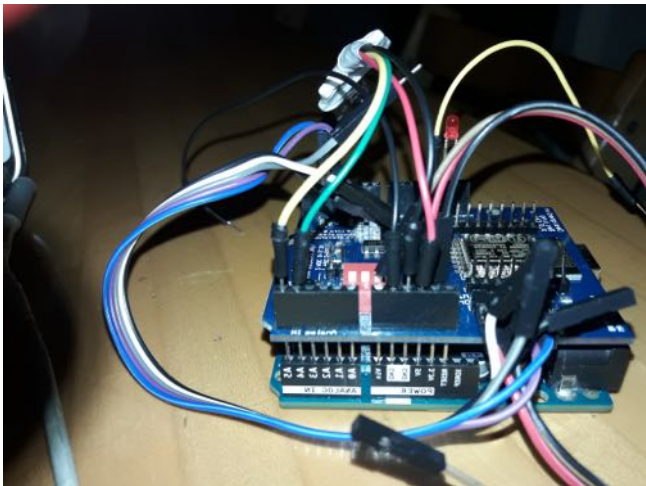
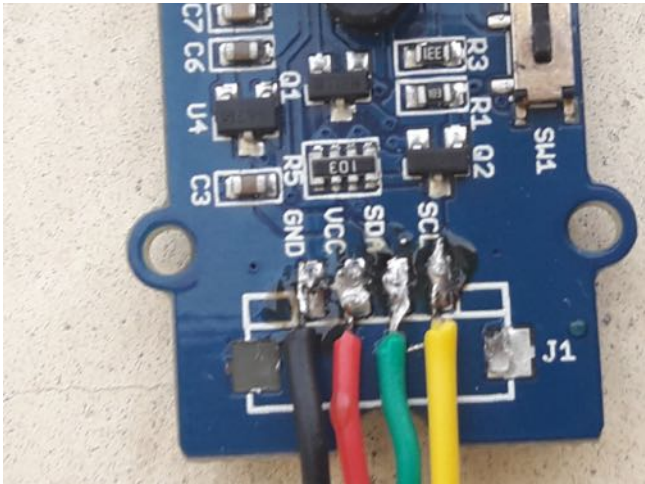


ColorTrap connections



## Send\_Color notes

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## Groove Color Sensor cables

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- SCL: yellow
- SDA: green
- VCC: red
- GND: black

## Arduino connections

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### esp8266 debug port:

- TX with RX Arduino line (pin 2)
- RX with TX Arduino line (pin 3)
- GND
- 3V3

### groove color sensor:

- SCL: analog input A5
- SDA: analog input A4
- VCC: 5V
- GND: GND

### red led:

- pullup input D13

### press button:

- connect D12 to GND to press

## Led codes

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- During setup: led ON
- Setup complete:
  - + 10 blinks if wi-fi connection is available
  - + 2 blinks in case of error
- New acquisition:
  - + 1 blink after button press
  - + 1 blink after color read
  - + 5 blinks after sample transmission (success)
  - + 2 blinks after sample transmission (failure)