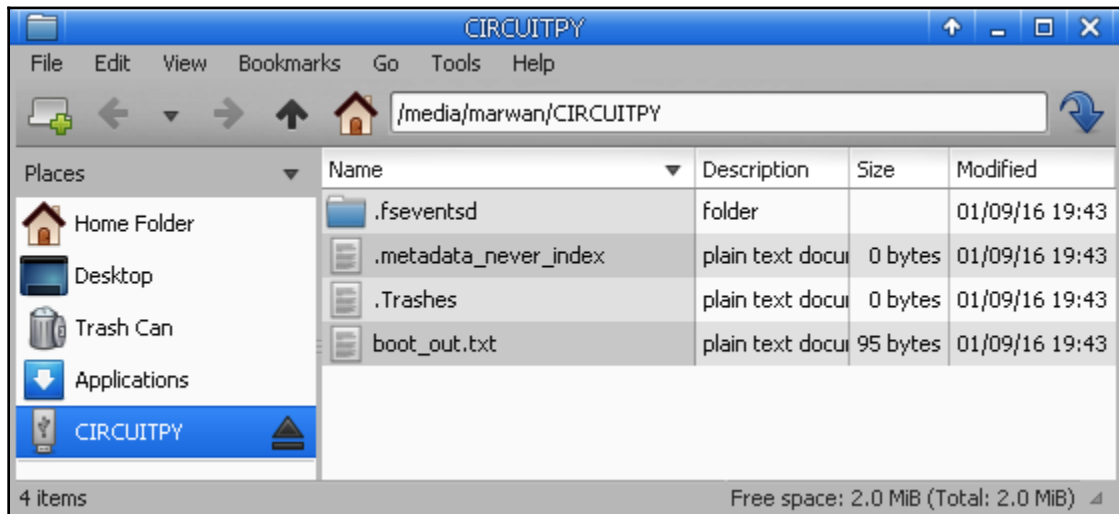
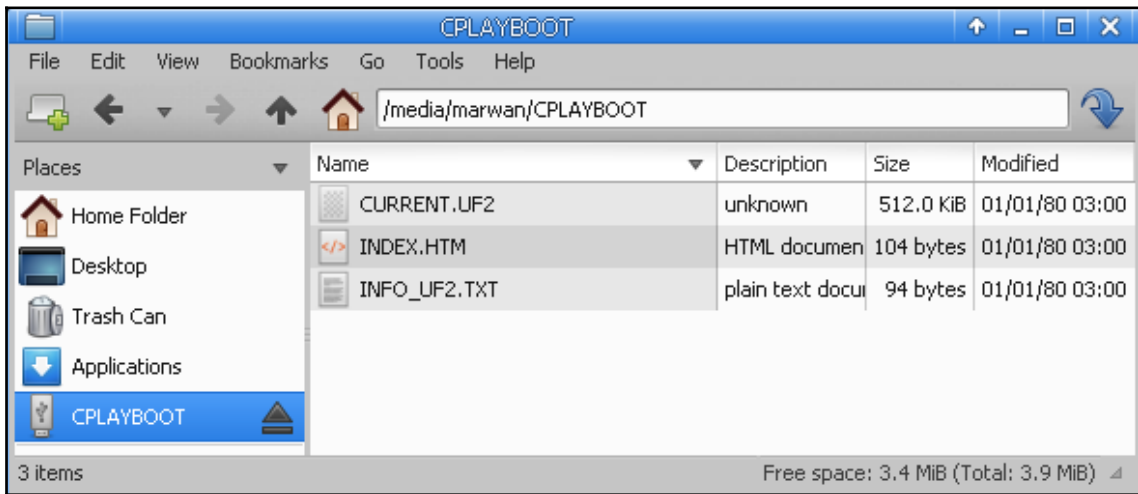
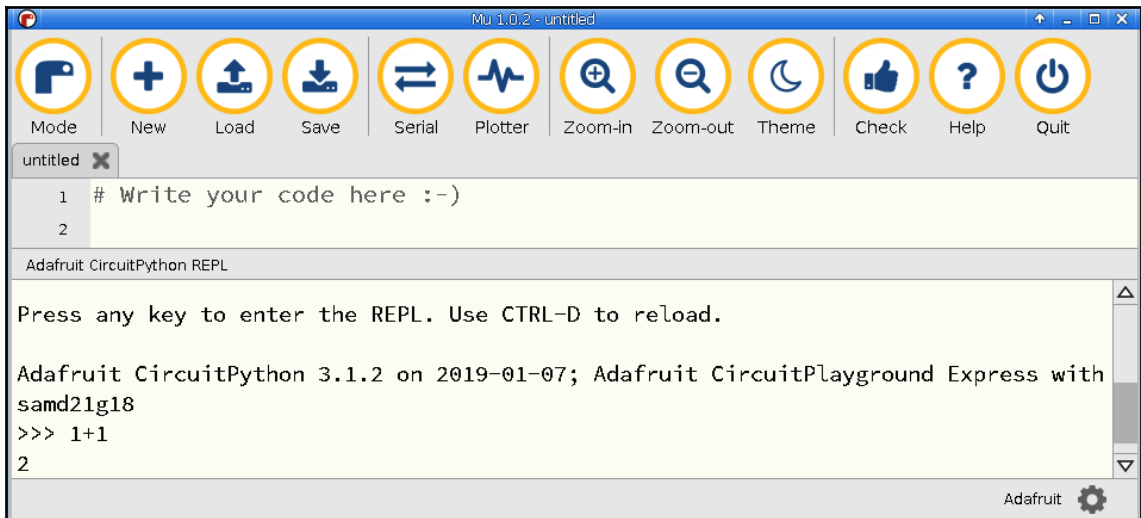
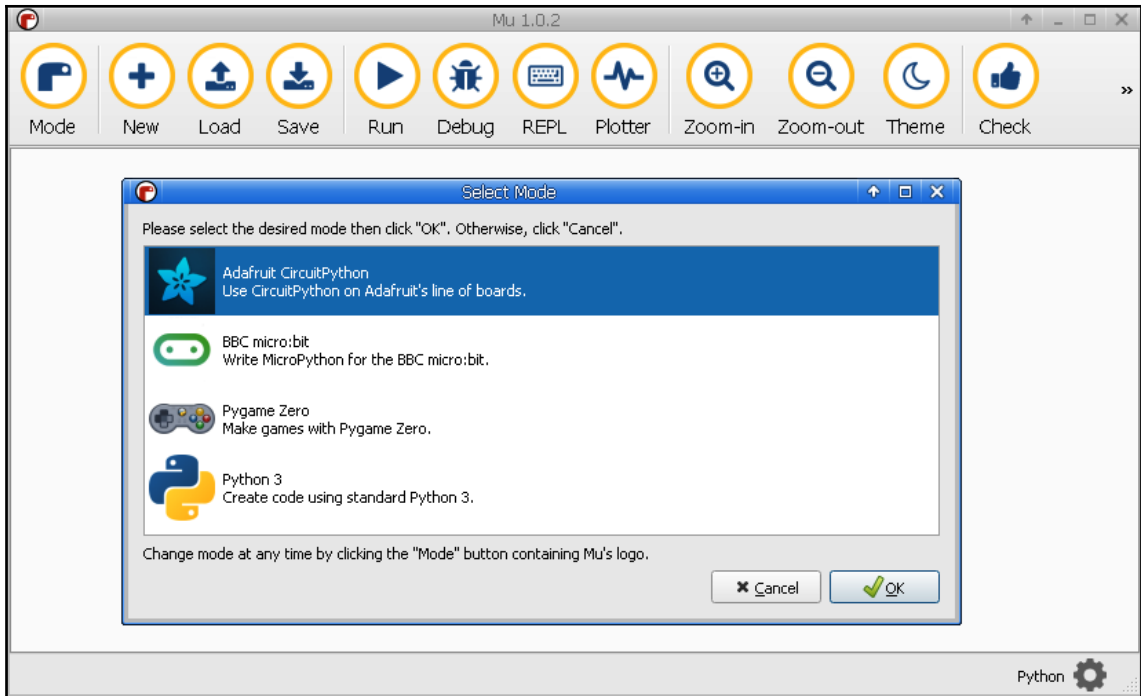
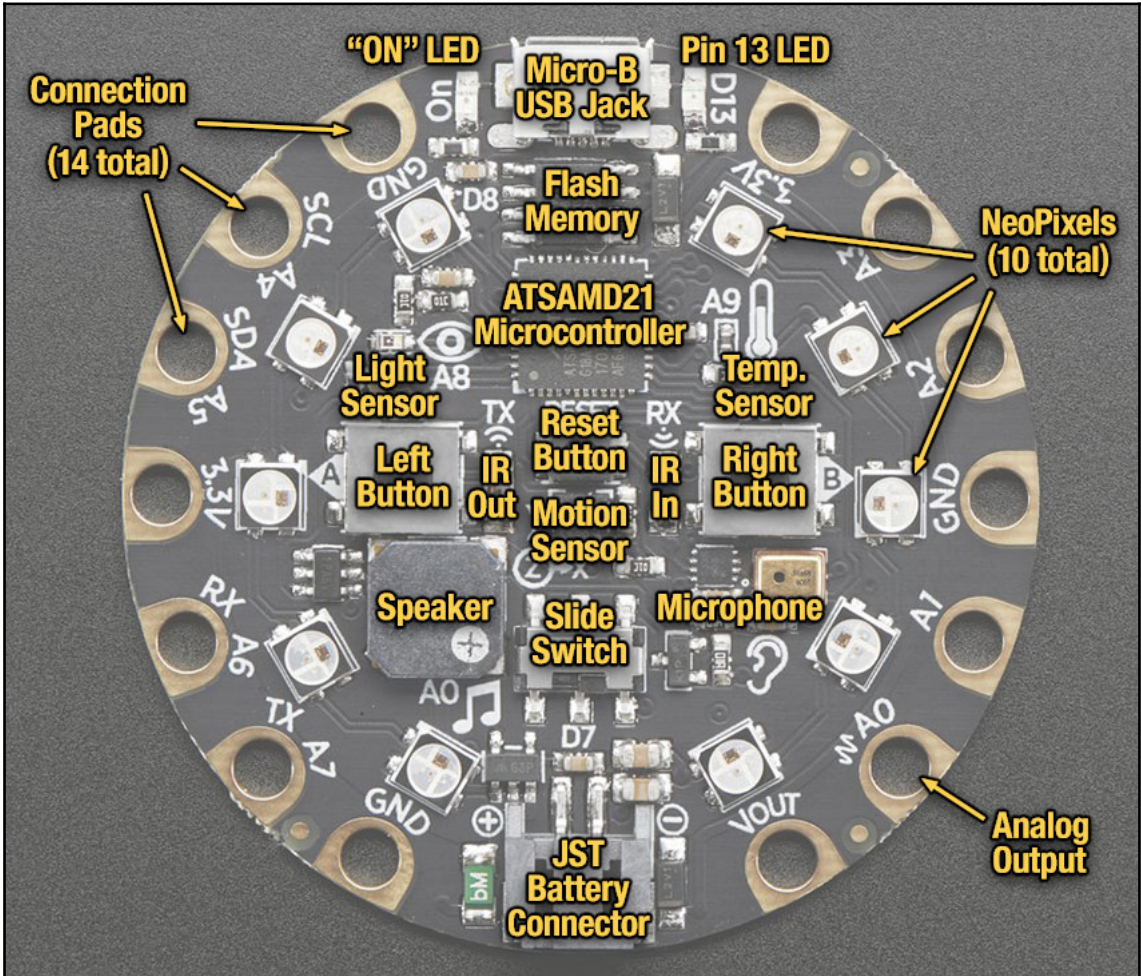


Chapter 1: Getting started with MicroPython

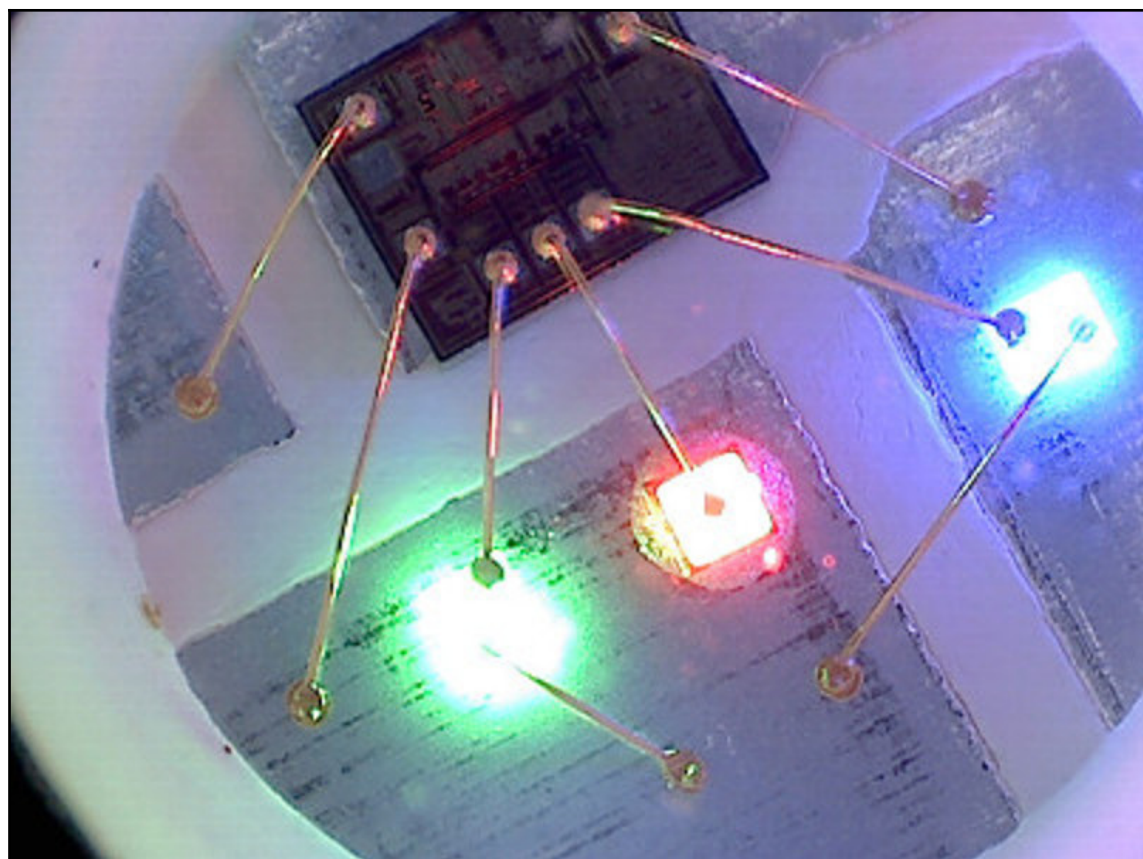




Chapter 2: Controlling LEDs

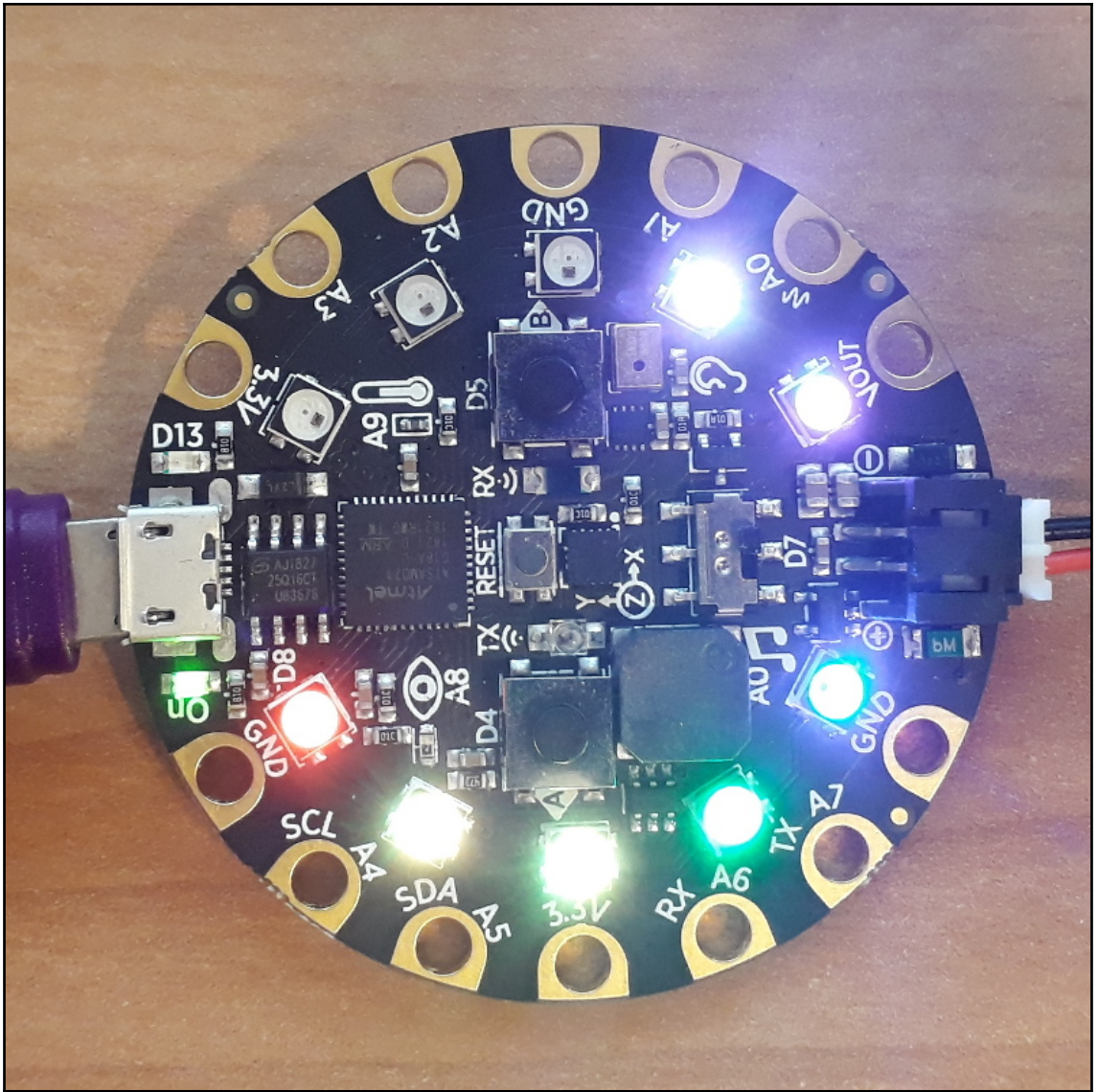




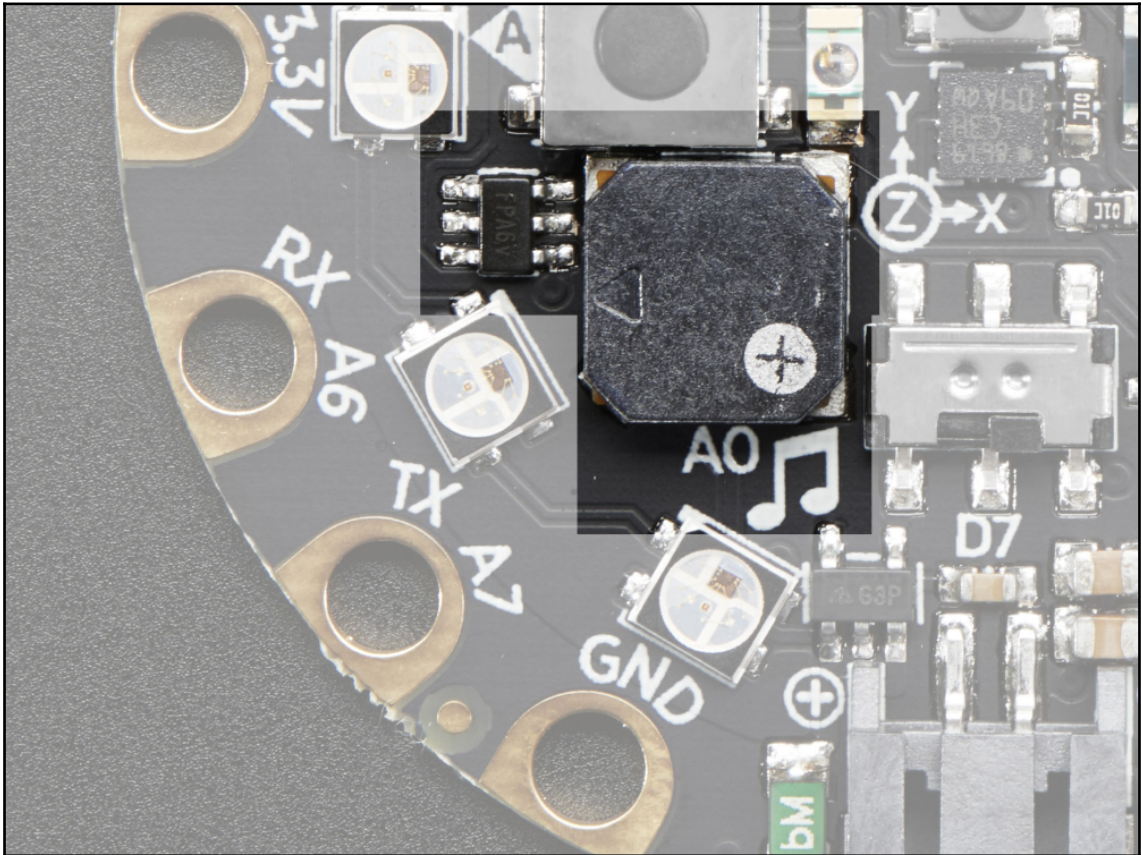


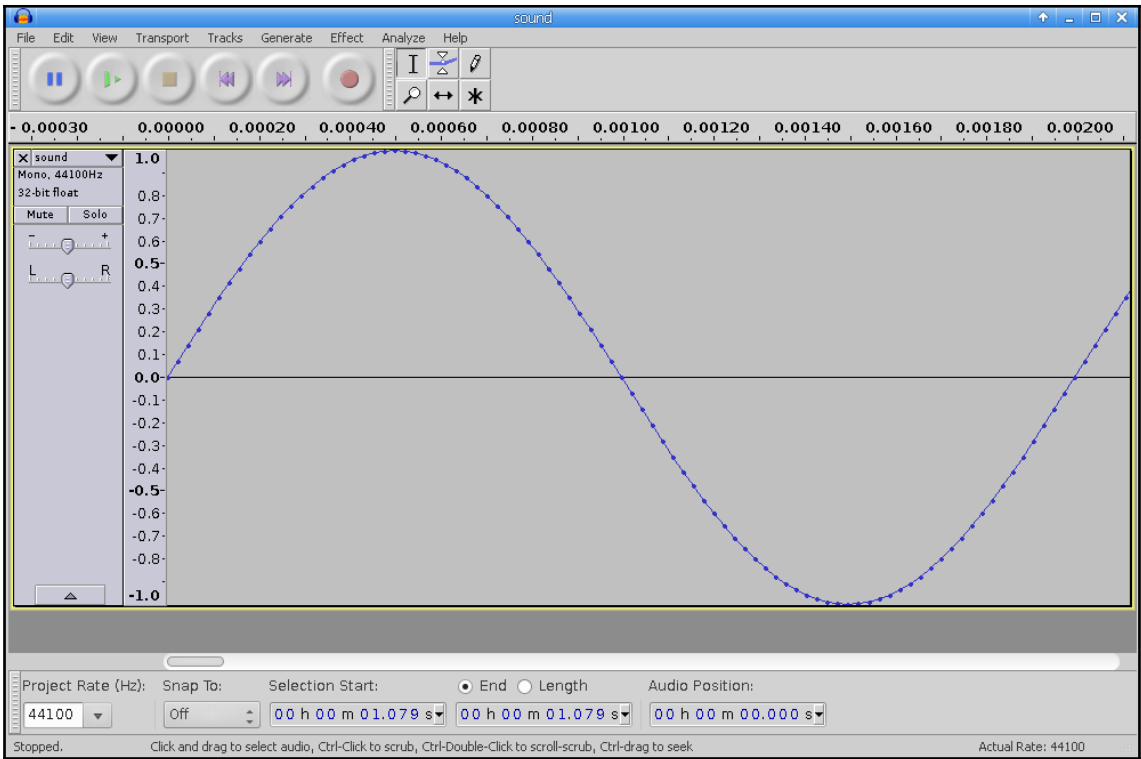


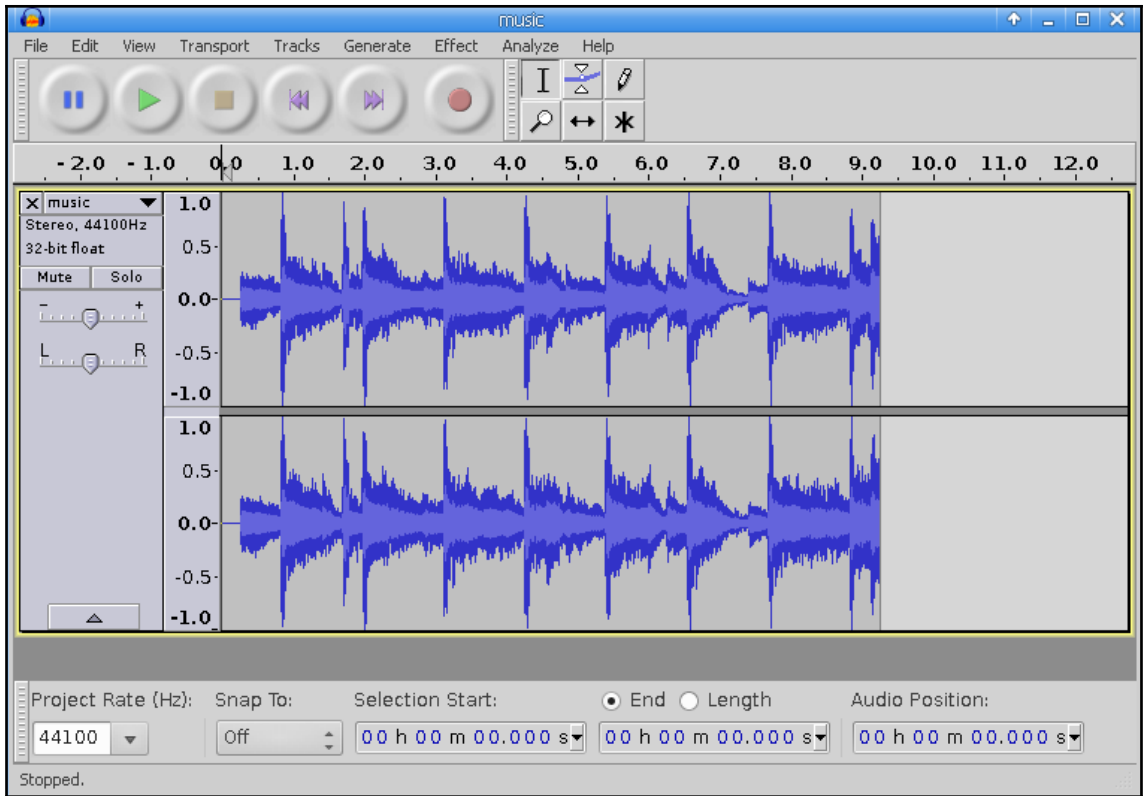
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|----|-----|-----|-----|---------|----------------------|-------------------------|
| 50 | 176 | 196 | 222 | #b0c4de | LightSteelBlue | LightSteelBlue_fg |
| 51 | 173 | 216 | 230 | #add8e6 | LightBlue | LightBlue_fg |
| 52 | 176 | 224 | 230 | #b0e0e6 | PowderBlue | PowderBlue_fg |
| 53 | 175 | 238 | 238 | #afeeee | PaleTurquoise | PaleTurquoise_fg |
| 54 | 0 | 206 | 209 | #00ced1 | DarkTurquoise | DarkTurquoise_fg |
| 55 | 72 | 209 | 204 | #48d1cc | MediumTurquoise | MediumTurquoise_fg |
| 56 | 64 | 224 | 208 | #40e0d0 | turquoise | turquoise_fg |
| 57 | 0 | 255 | 255 | #00ffff | cyan | cyan_fg |
| 58 | 224 | 255 | 255 | #e0ffff | LightCyan | LightCyan_fg |
| 59 | 95 | 158 | 160 | #5f9ea0 | CadetBlue | CadetBlue_fg |
| 60 | 102 | 205 | 170 | #66cdaa | MediumAquamarine | MediumAquamarine_fg |
| 61 | 127 | 255 | 212 | #7fffd4 | aquamarine | aquamarine_fg |
| 62 | 0 | 100 | 0 | #006400 | DarkGreen | DarkGreen_fg |
| 63 | 85 | 107 | 47 | #556b2f | DarkOliveGreen | DarkOliveGreen_fg |
| 64 | 143 | 188 | 143 | #8fbc8f | DarkSeaGreen | DarkSeaGreen_fg |
| 65 | 46 | 139 | 87 | #2e8b57 | SeaGreen | SeaGreen_fg |
| 66 | 60 | 179 | 113 | #3cb371 | MediumSeaGreen | MediumSeaGreen_fg |
| 67 | 32 | 178 | 170 | #20b2aa | LightSeaGreen | LightSeaGreen_fg |
| 68 | 152 | 251 | 152 | #98fb98 | PaleGreen | PaleGreen_fg |
| 69 | 0 | 255 | 127 | #00ff7f | SpringGreen | SpringGreen_fg |
| 70 | 124 | 252 | 0 | #7cfc00 | LawnGreen | LawnGreen_fg |
| 71 | 0 | 255 | 0 | #00ff00 | green | green_fg |
| 72 | 127 | 255 | 0 | #7fff00 | chartreuse | chartreuse_fg |
| 73 | 0 | 250 | 154 | #00fa9a | MediumSpringGreen | MediumSpringGreen_fg |
| 74 | 173 | 255 | 47 | #adff2f | GreenYellow | GreenYellow_fg |
| 75 | 50 | 205 | 50 | #32cd32 | LimeGreen | LimeGreen_fg |
| 76 | 154 | 205 | 50 | #9acd32 | YellowGreen | YellowGreen_fg |
| 77 | 34 | 139 | 34 | #228b22 | ForestGreen | ForestGreen_fg |
| 78 | 107 | 142 | 35 | #6b8e23 | OliveDrab | OliveDrab_fg |
| 79 | 189 | 183 | 107 | #bdb76b | DarkKhaki | DarkKhaki_fg |
| 80 | 240 | 230 | 140 | #f0e68c | khaki | khaki_fg |
| 81 | 238 | 232 | 170 | #eee8aa | PaleGoldenrod | PaleGoldenrod_fg |
| 82 | 250 | 250 | 210 | #fafad2 | LightGoldenrodYellow | LightGoldenrodYellow_fg |
| 83 | 255 | 255 | 224 | #ffffe0 | LightYellow | LightYellow_fg |
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| 85 | 255 | 215 | 0 | #ffd700 | gold | gold_fg |

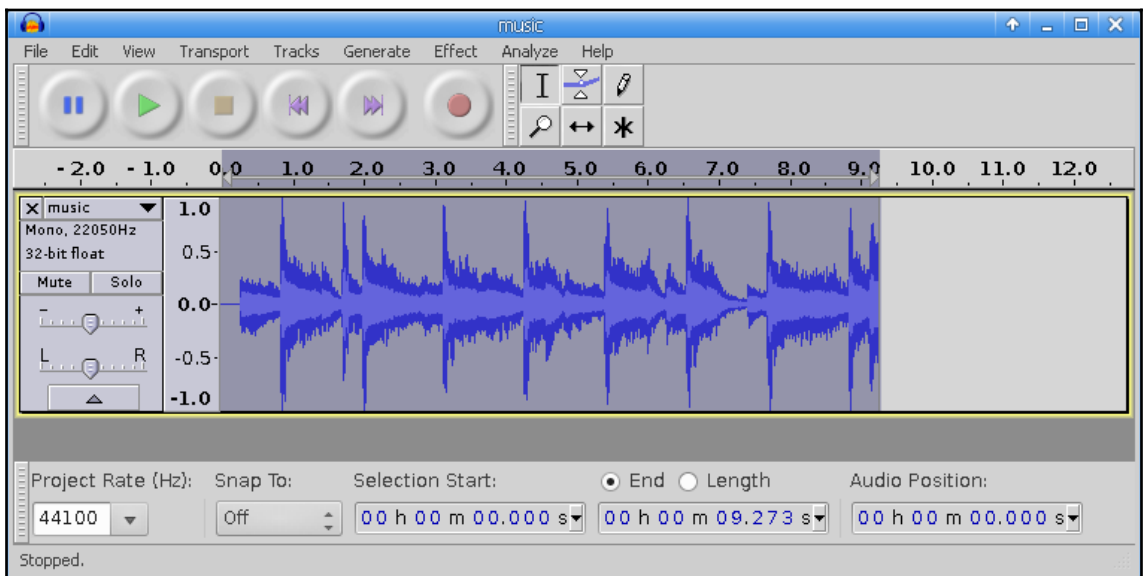
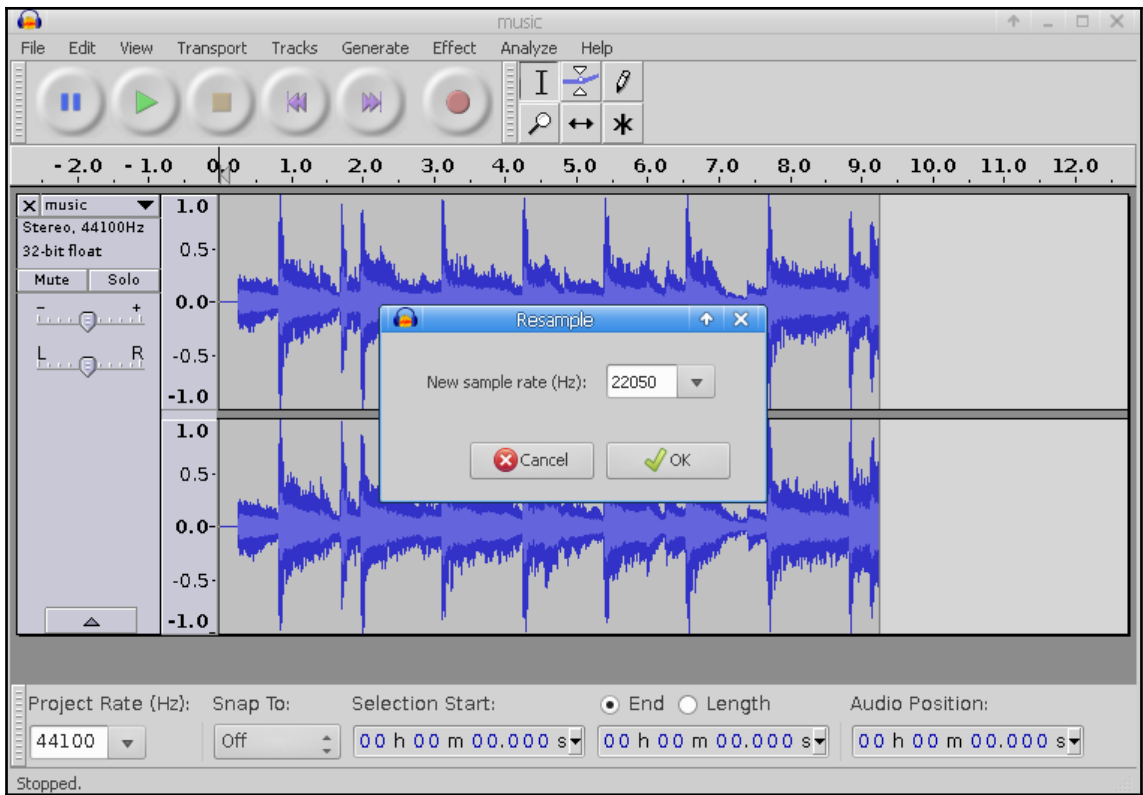


Chapter 3: Creating Sound and Music

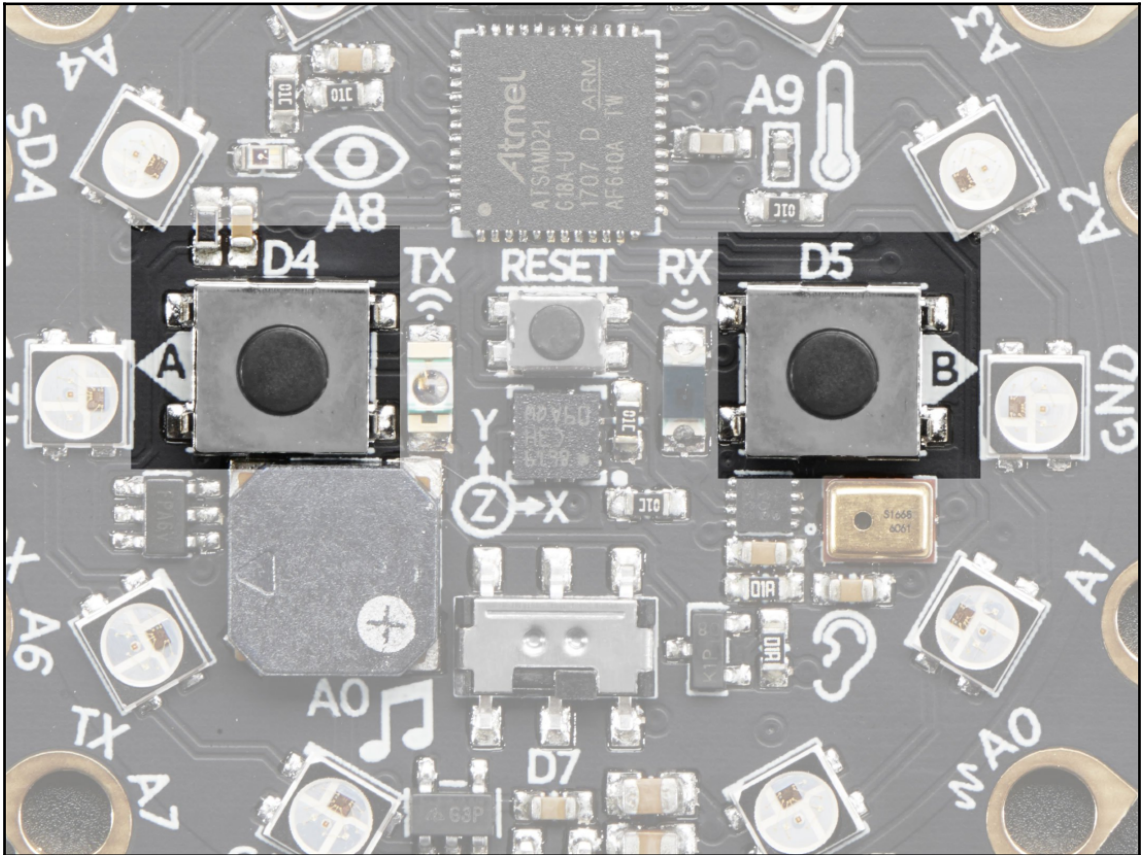


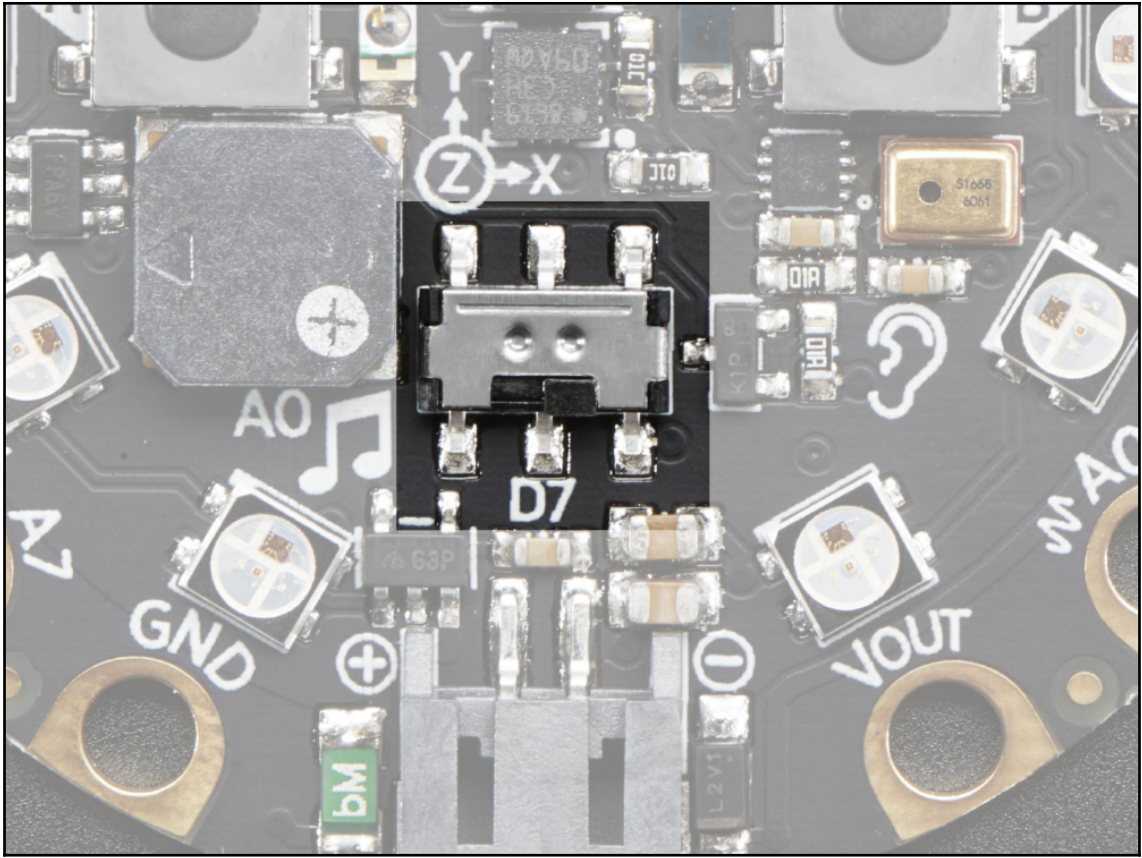


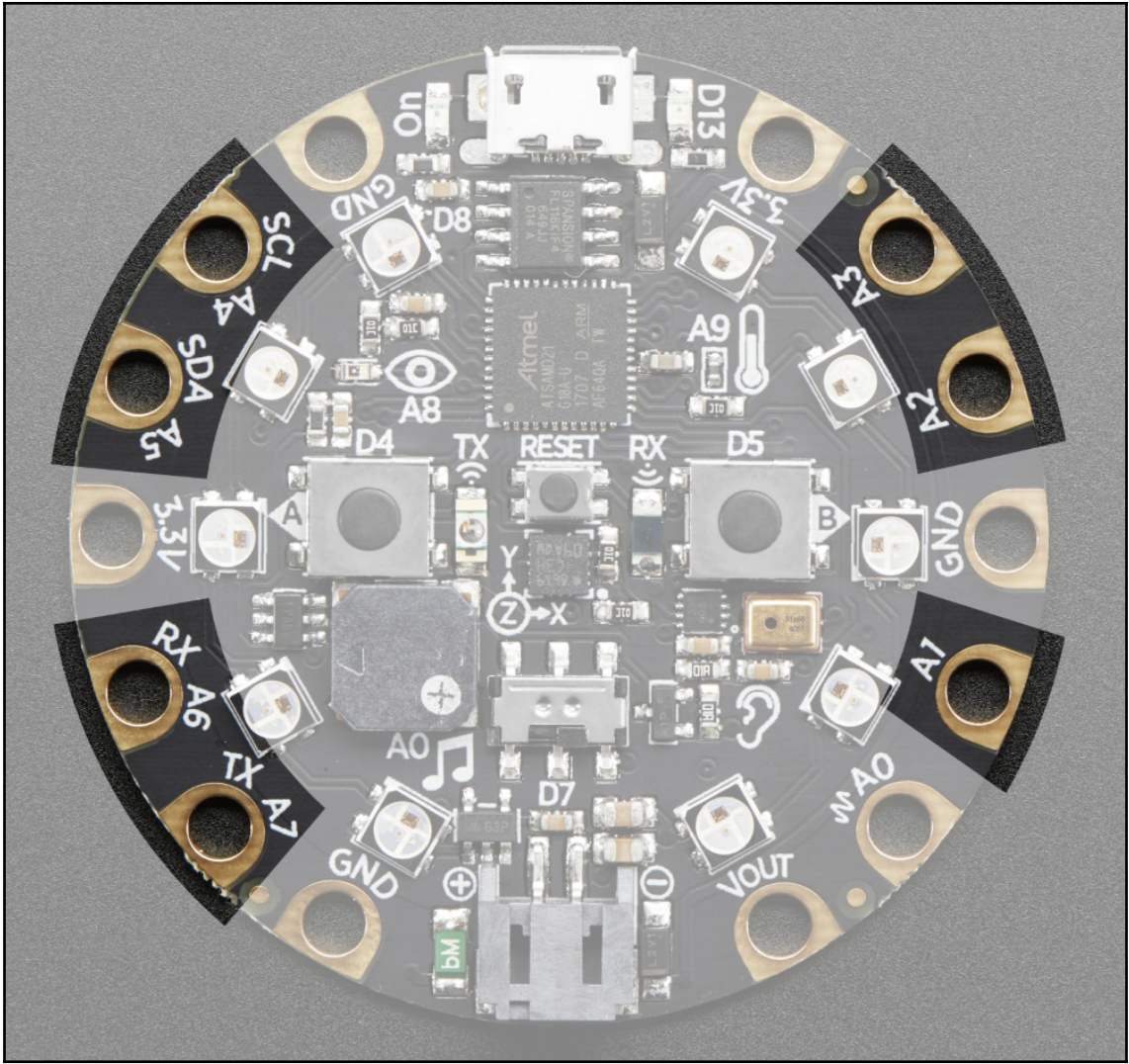




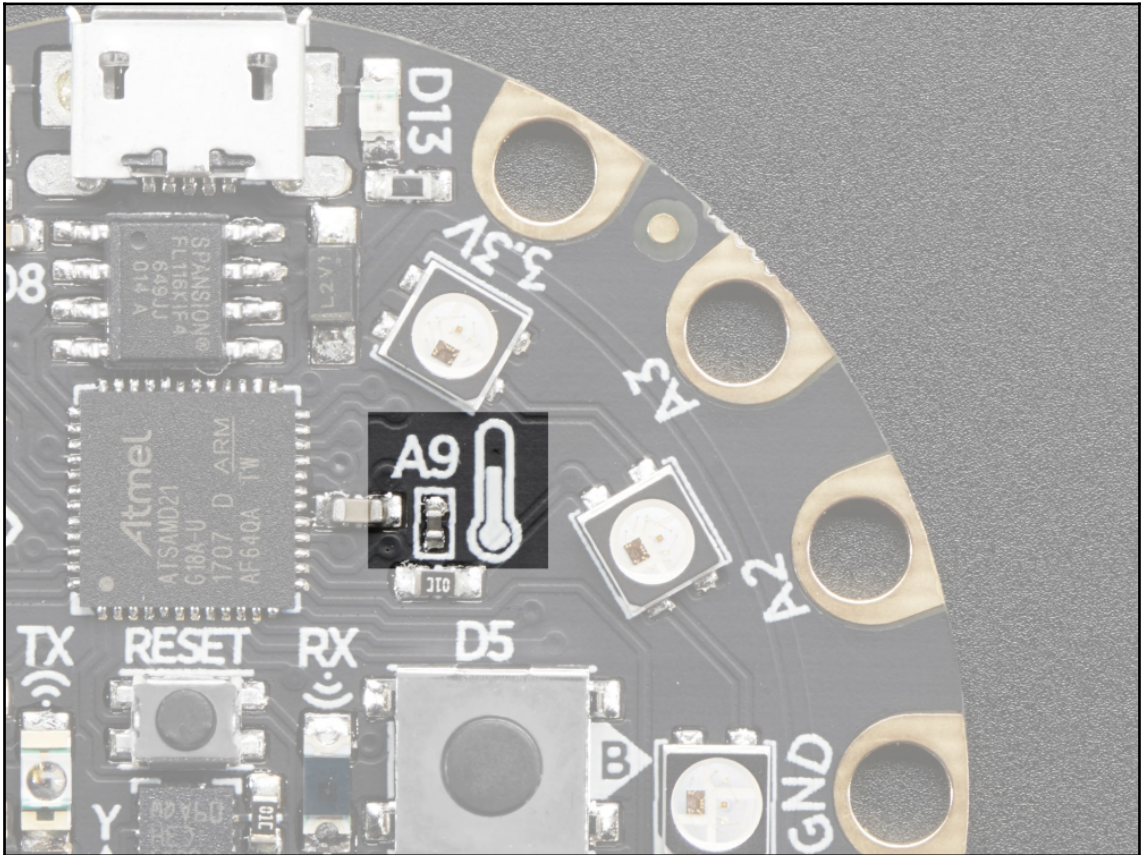
Chapter 4: Interacting with Buttons

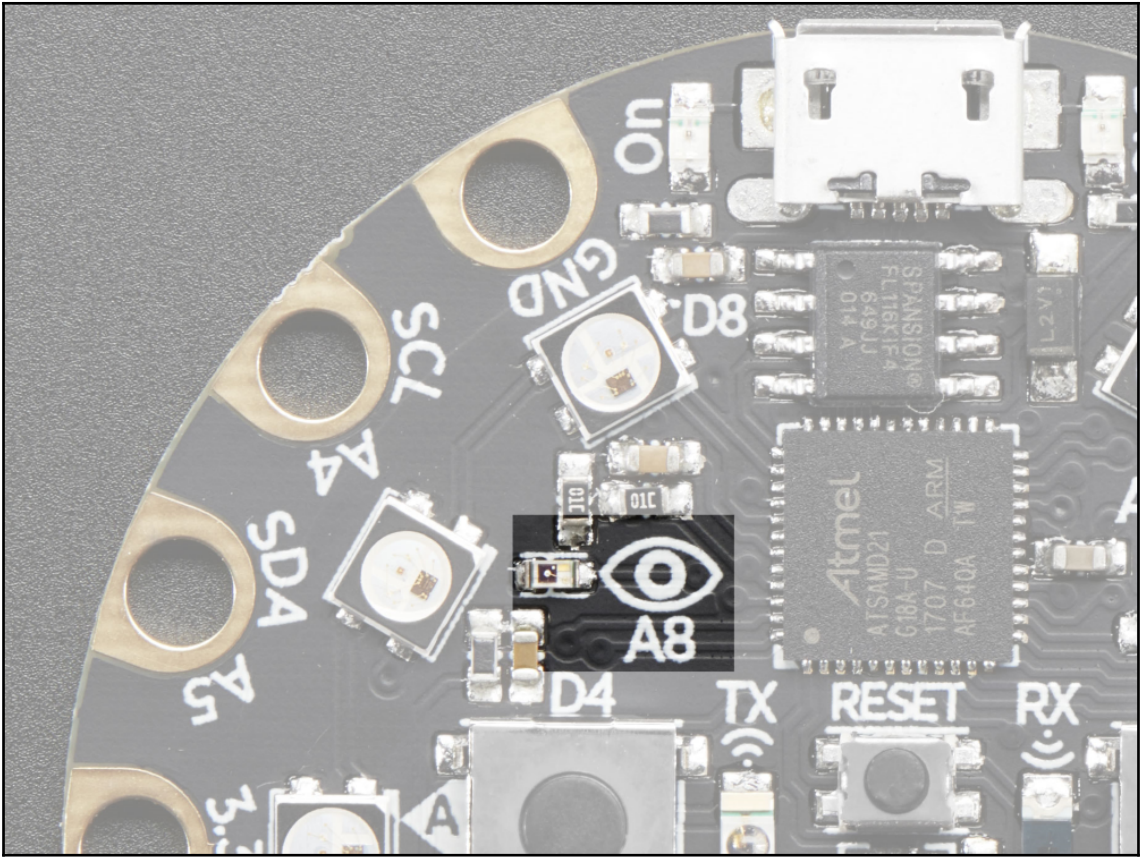


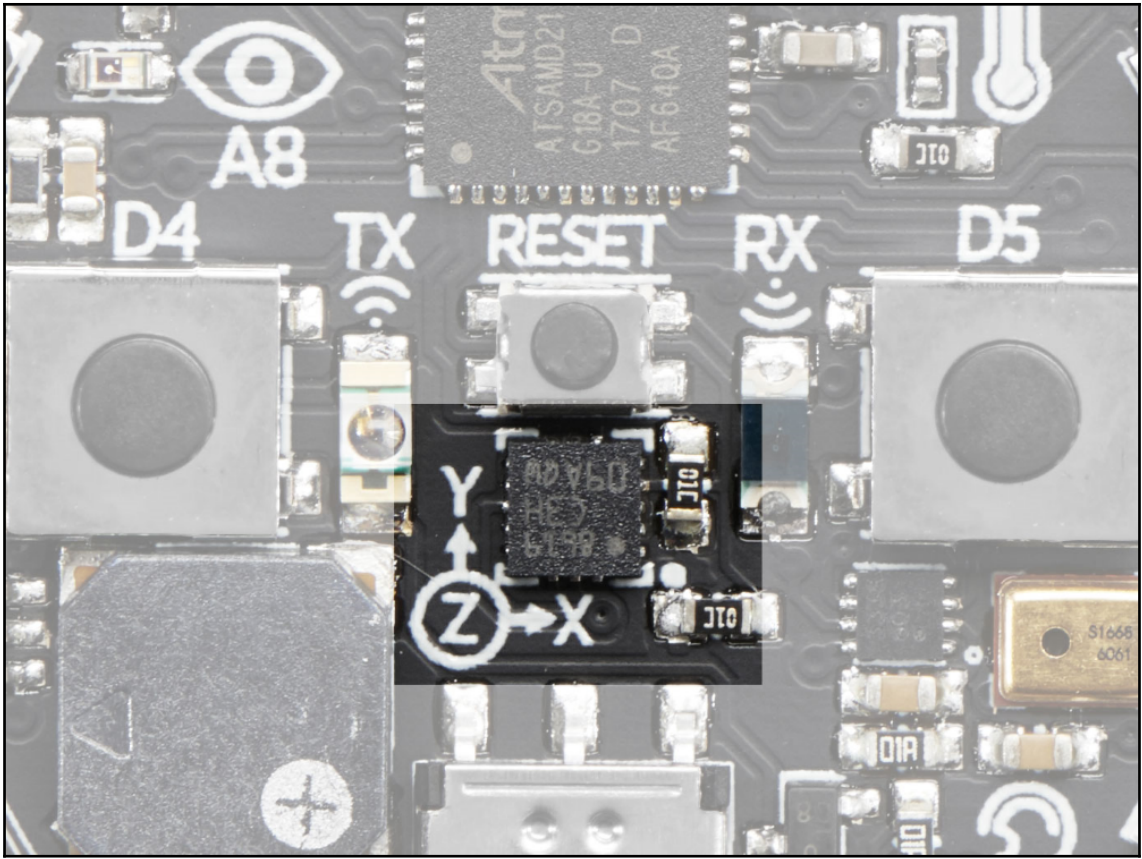


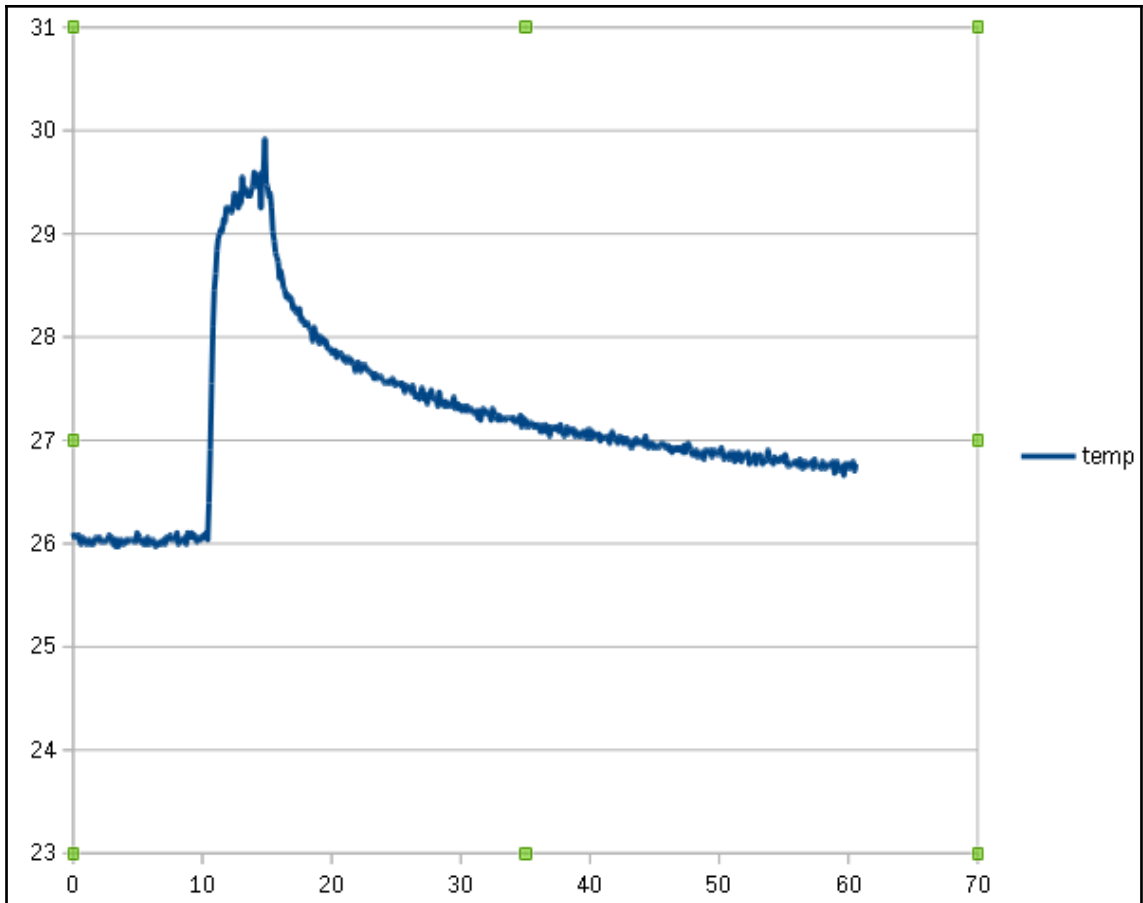


Chapter 5: Reading Sensor Data

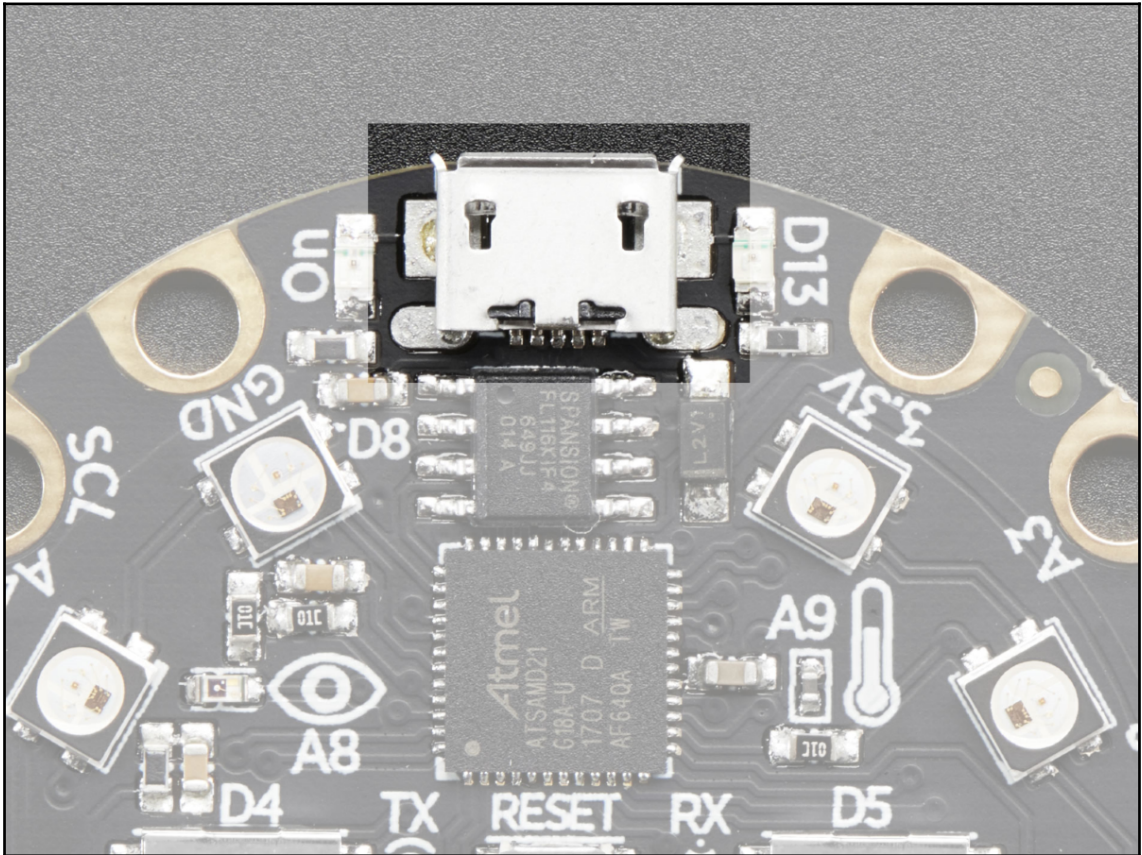


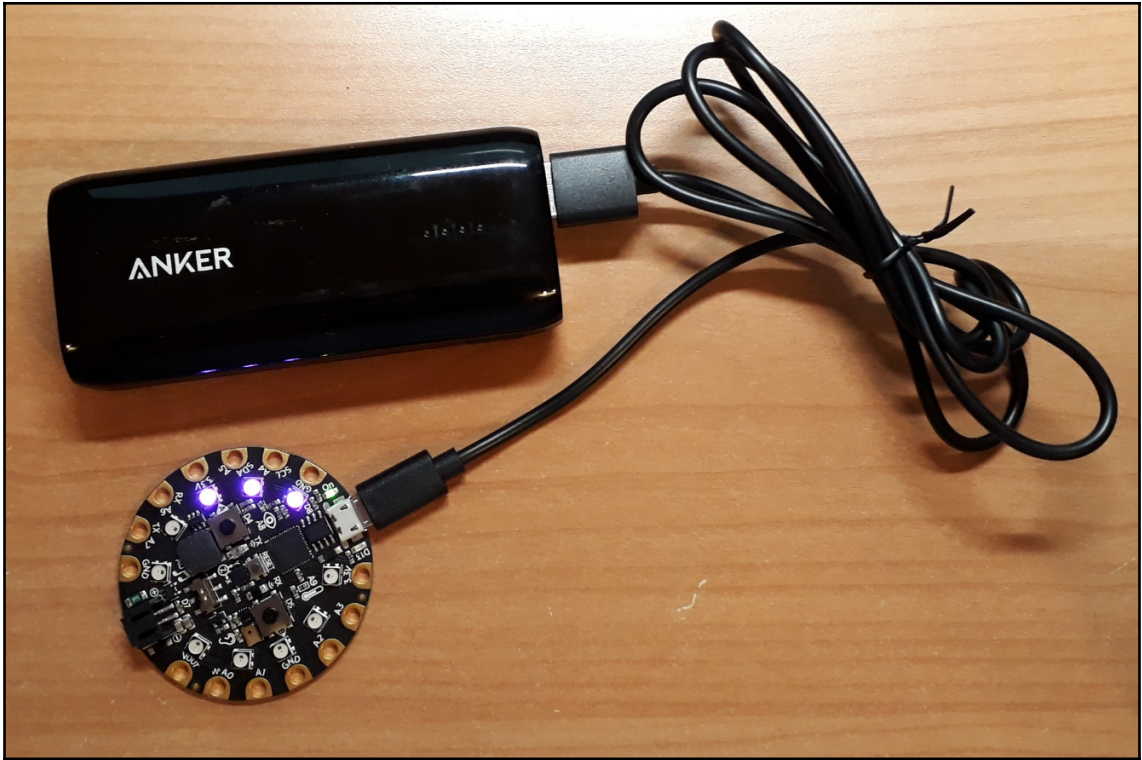


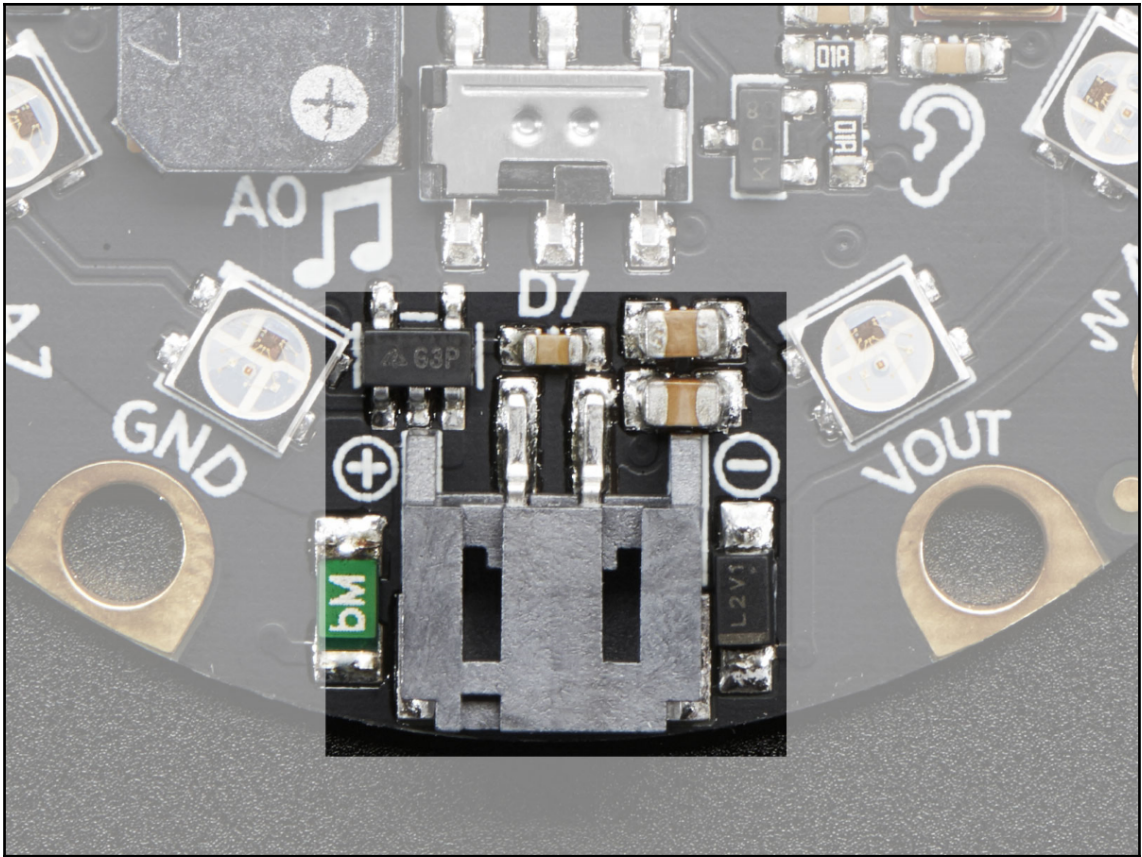


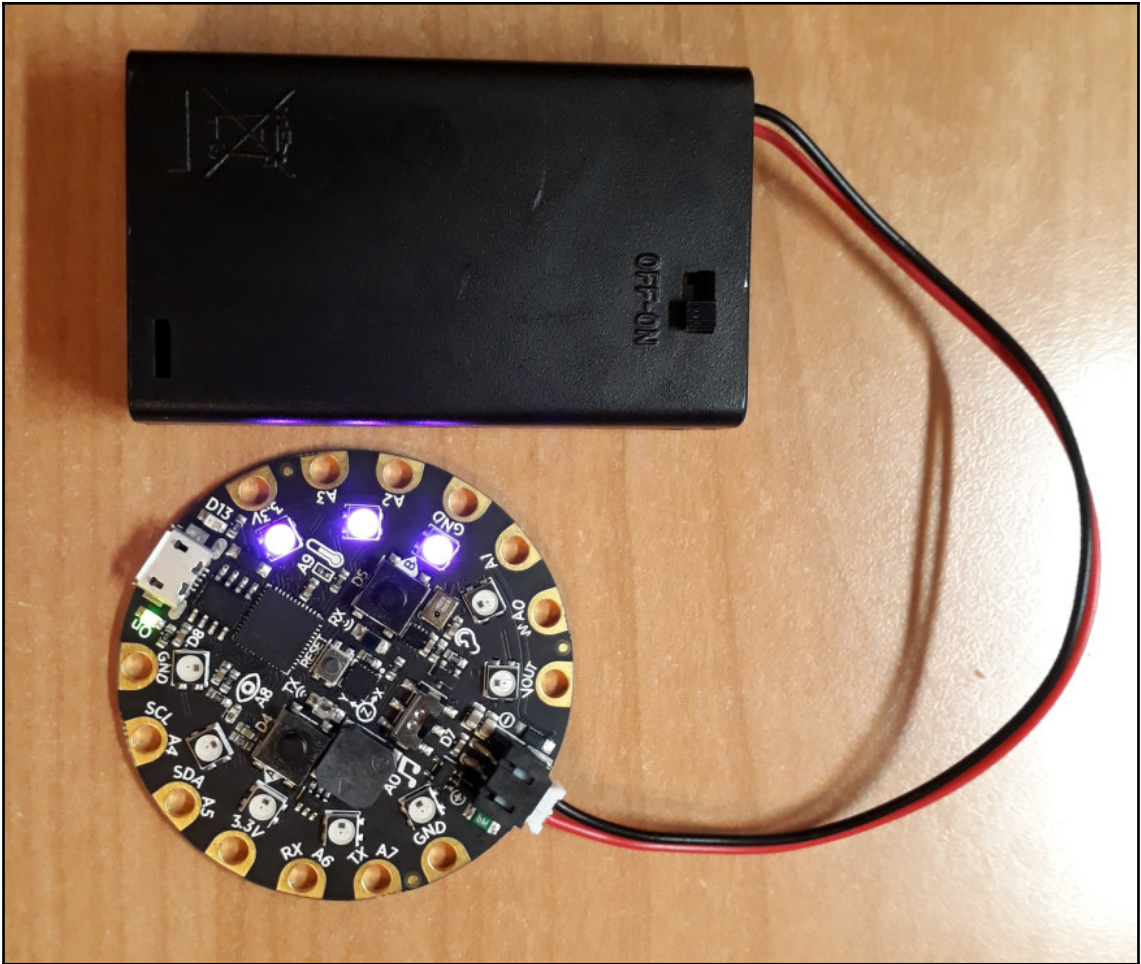


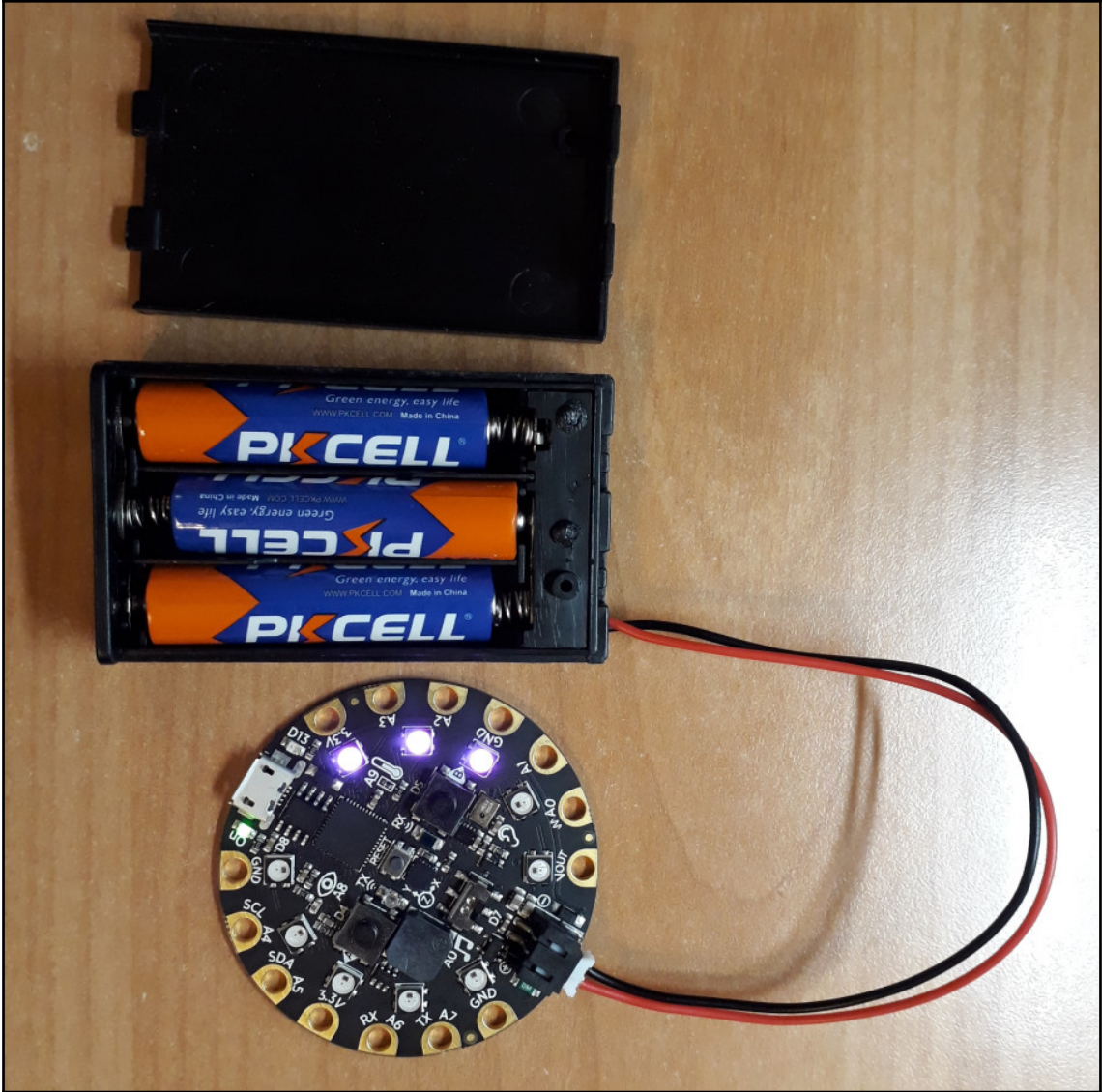
Chapter 6: Button Bash Game







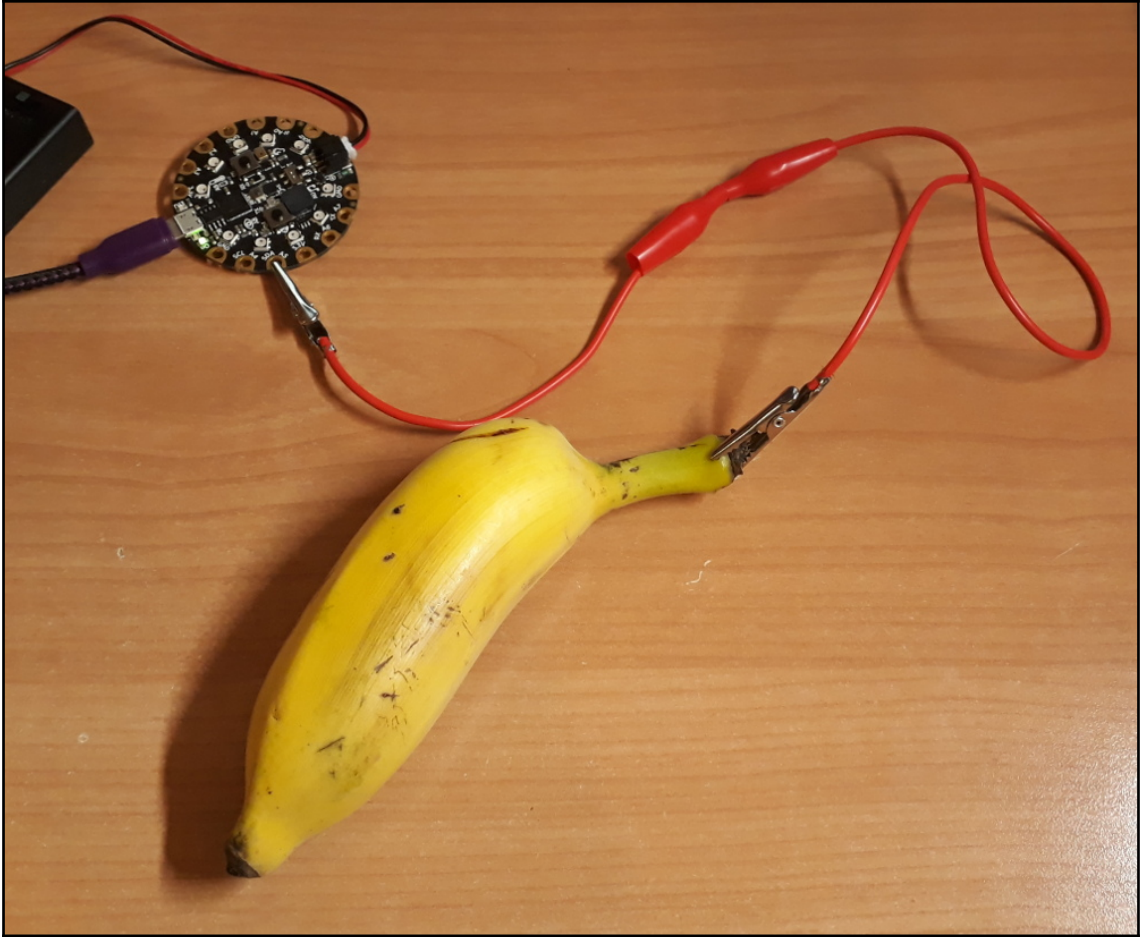


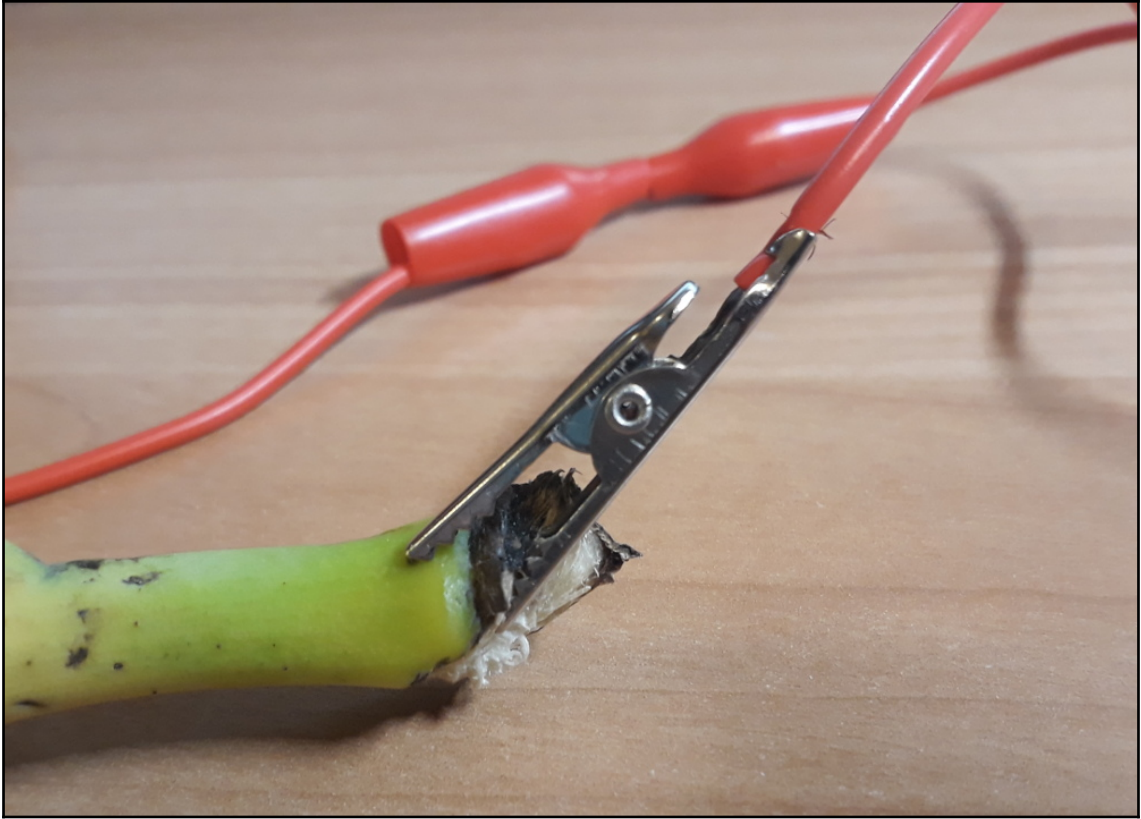


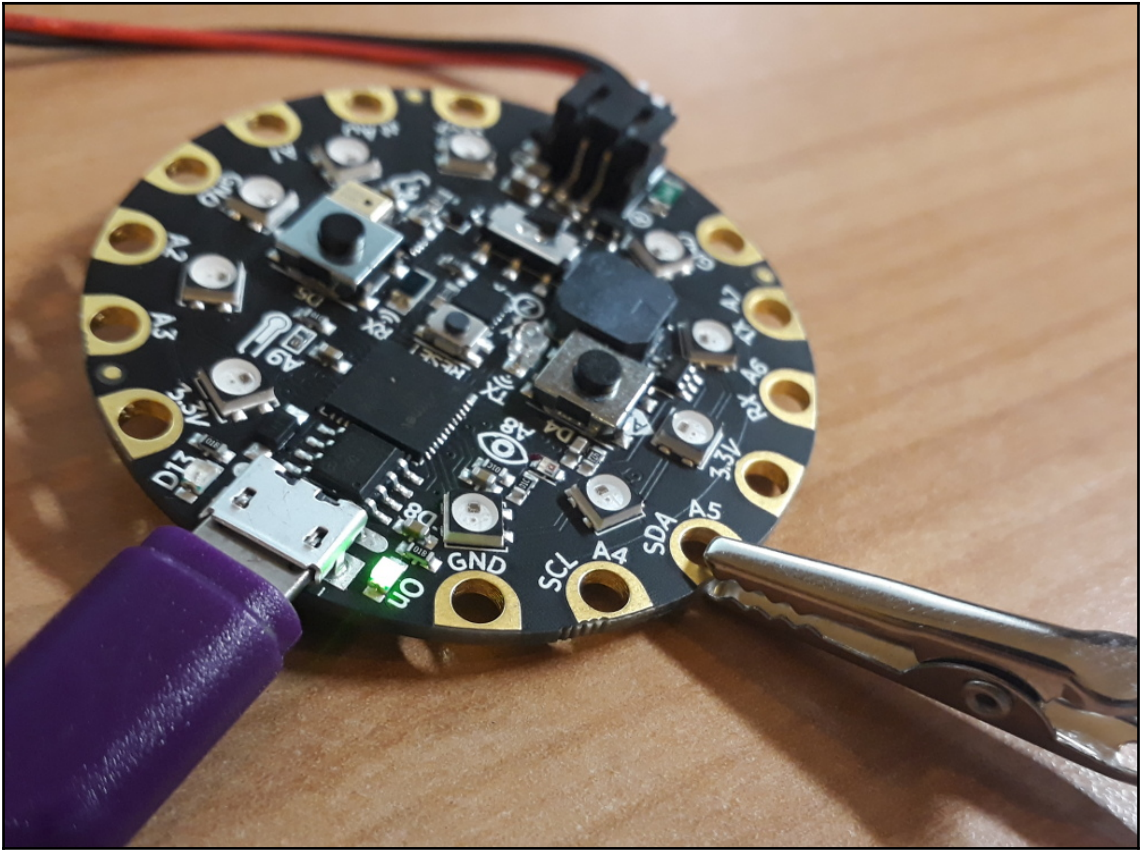


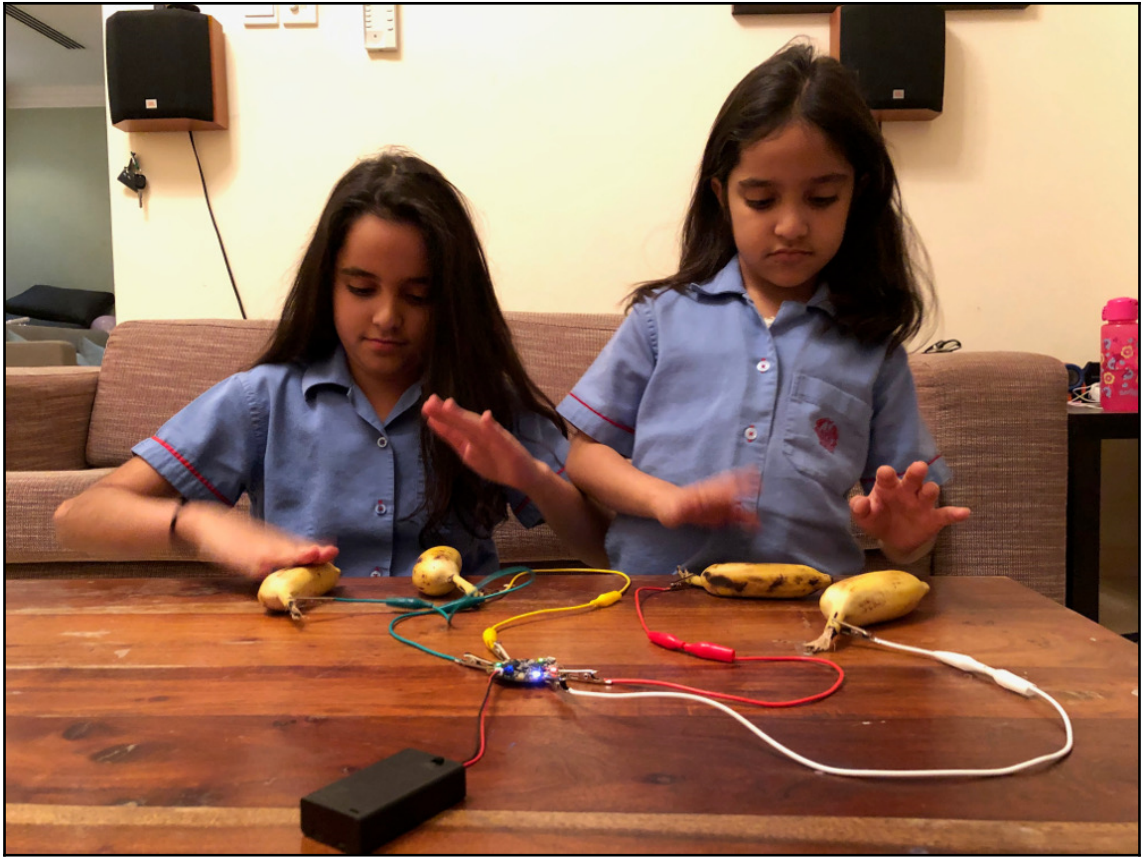
Chapter 7: Fruity Tunes



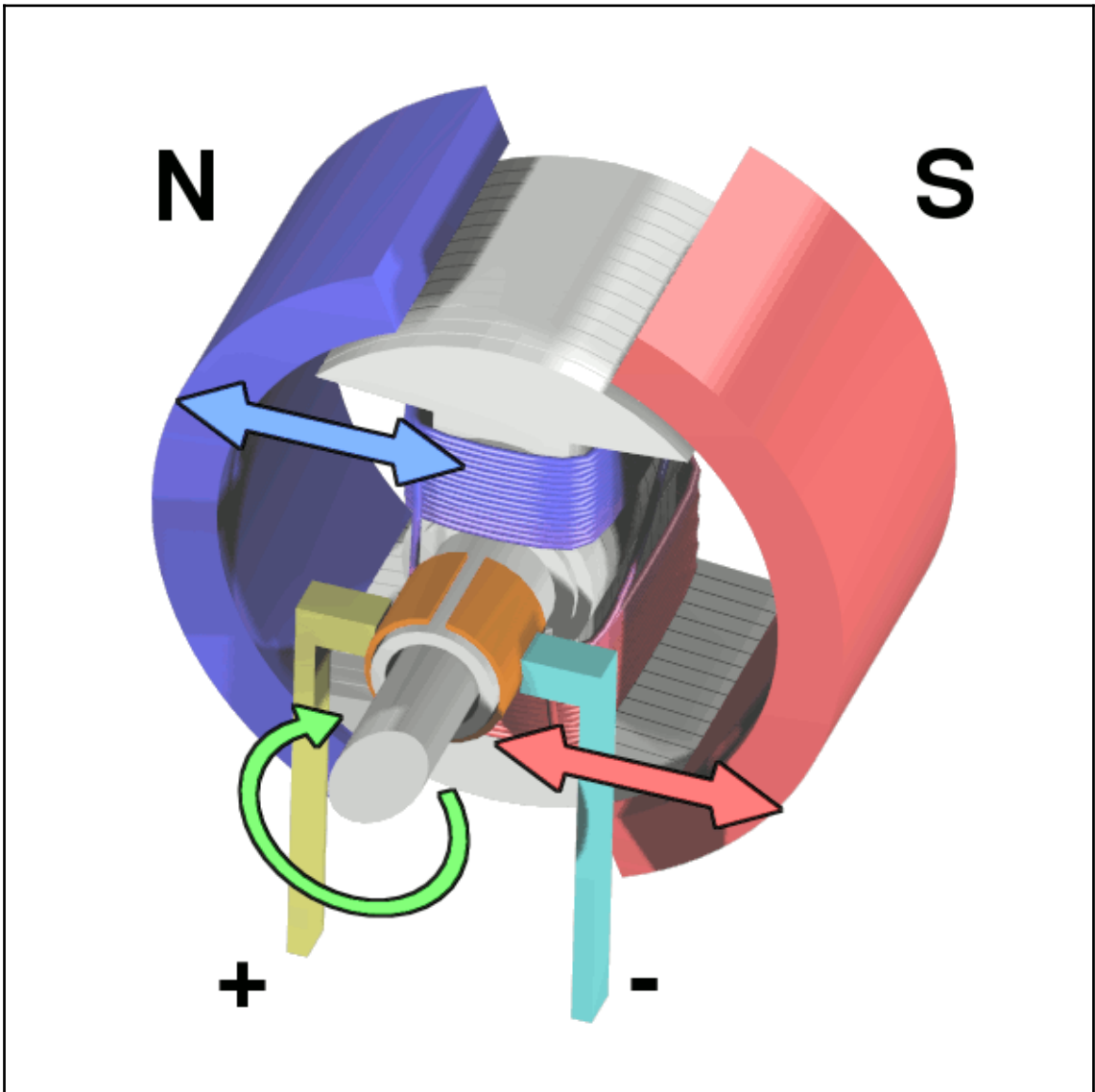




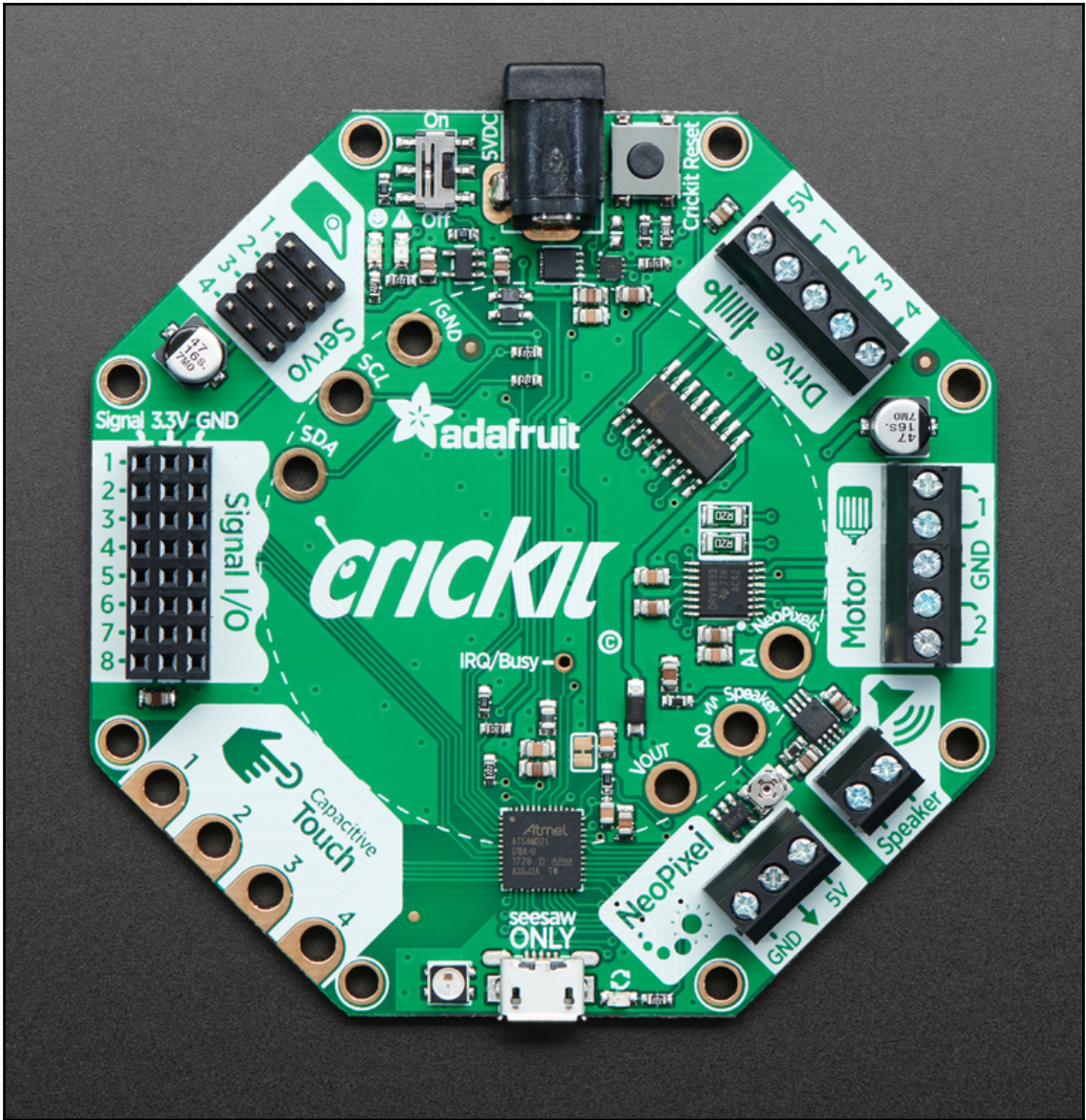




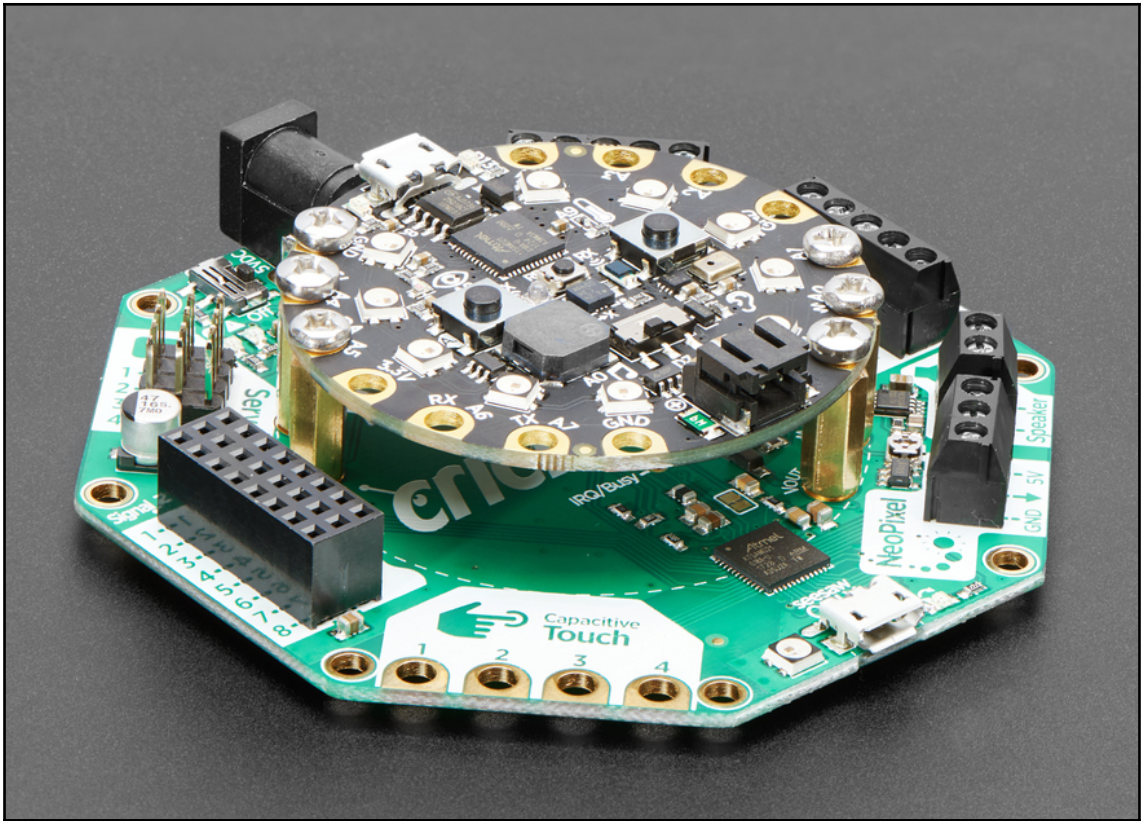
Chapter 8: Let's Move It, Move It

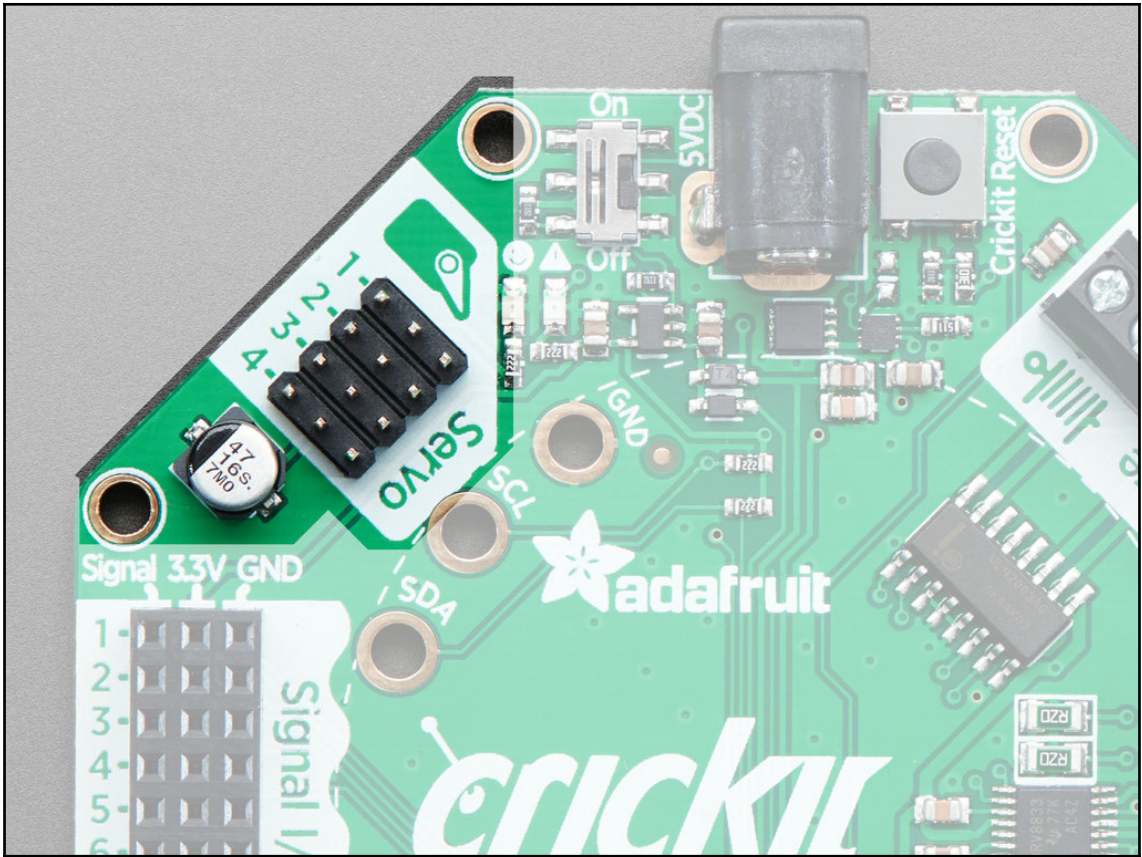


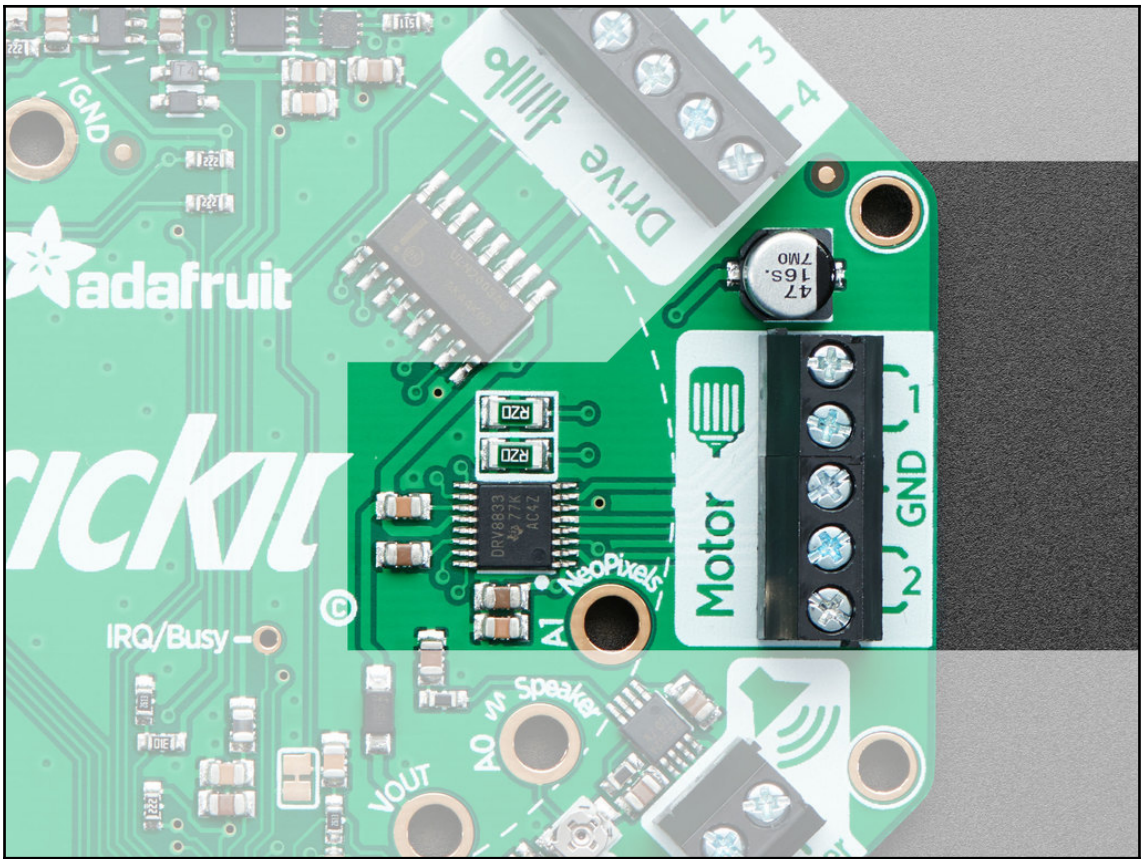


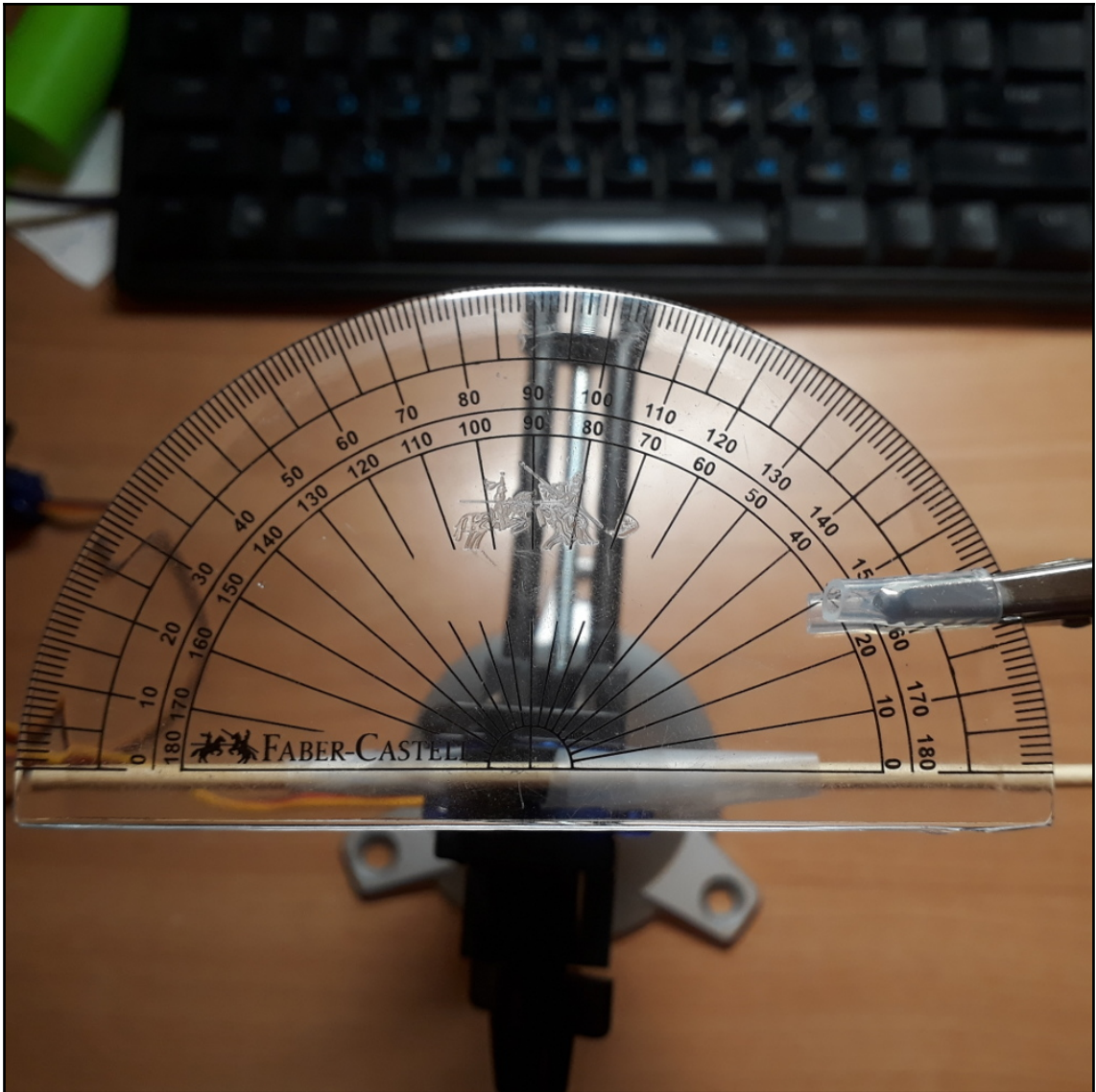


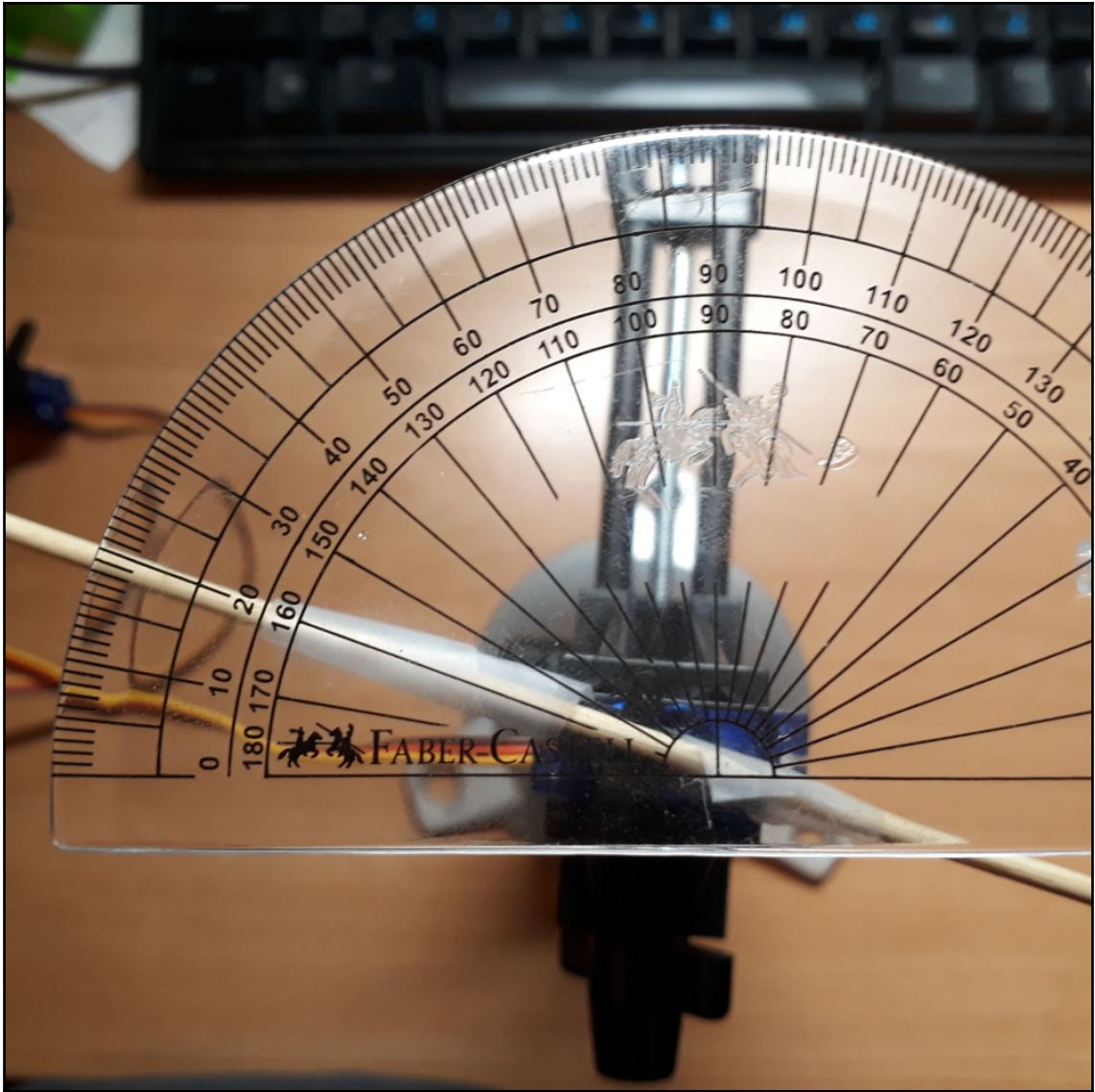




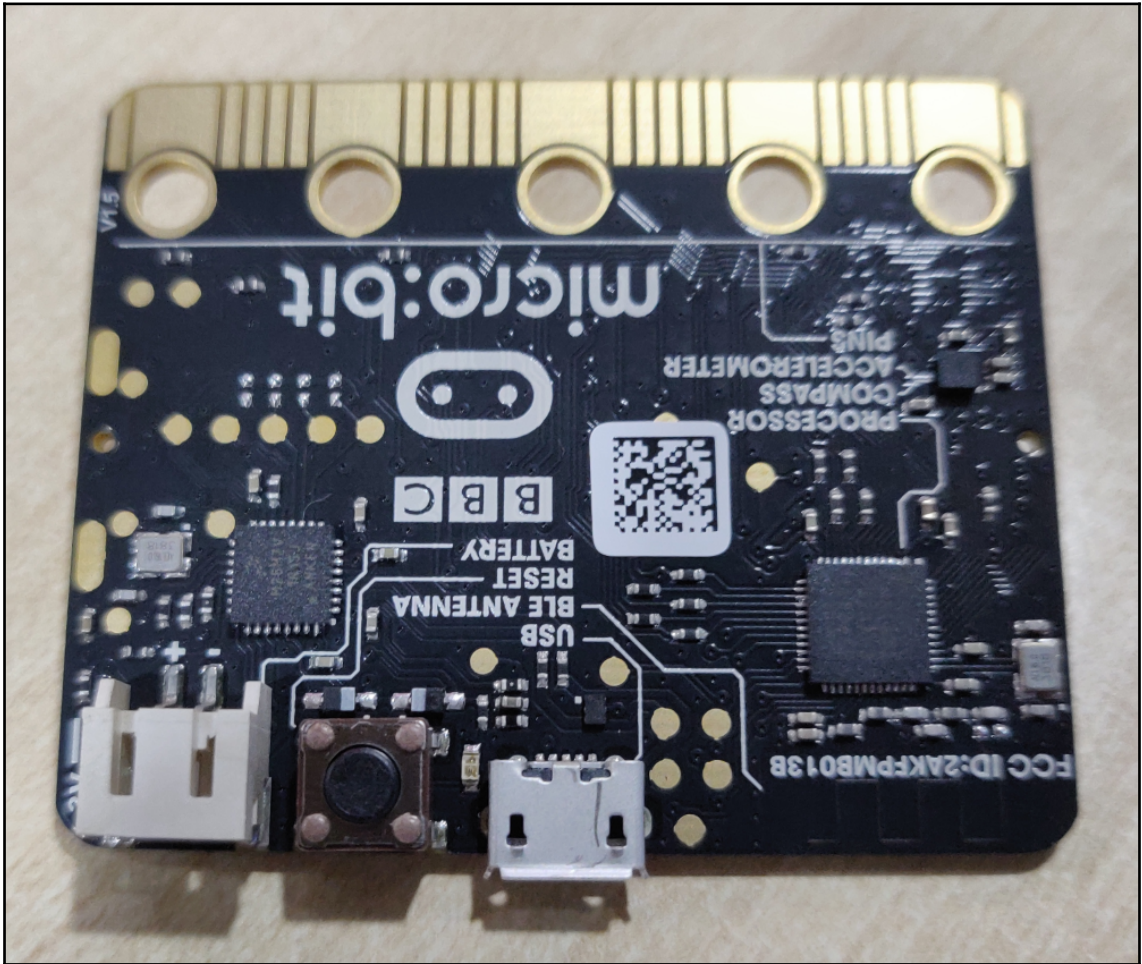


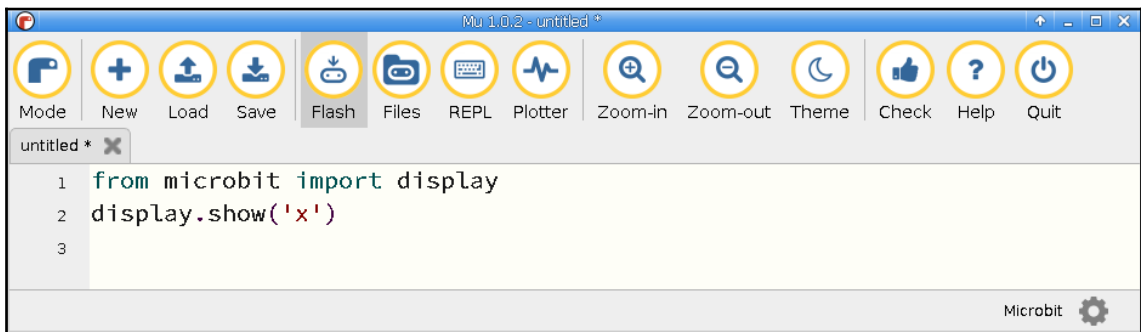
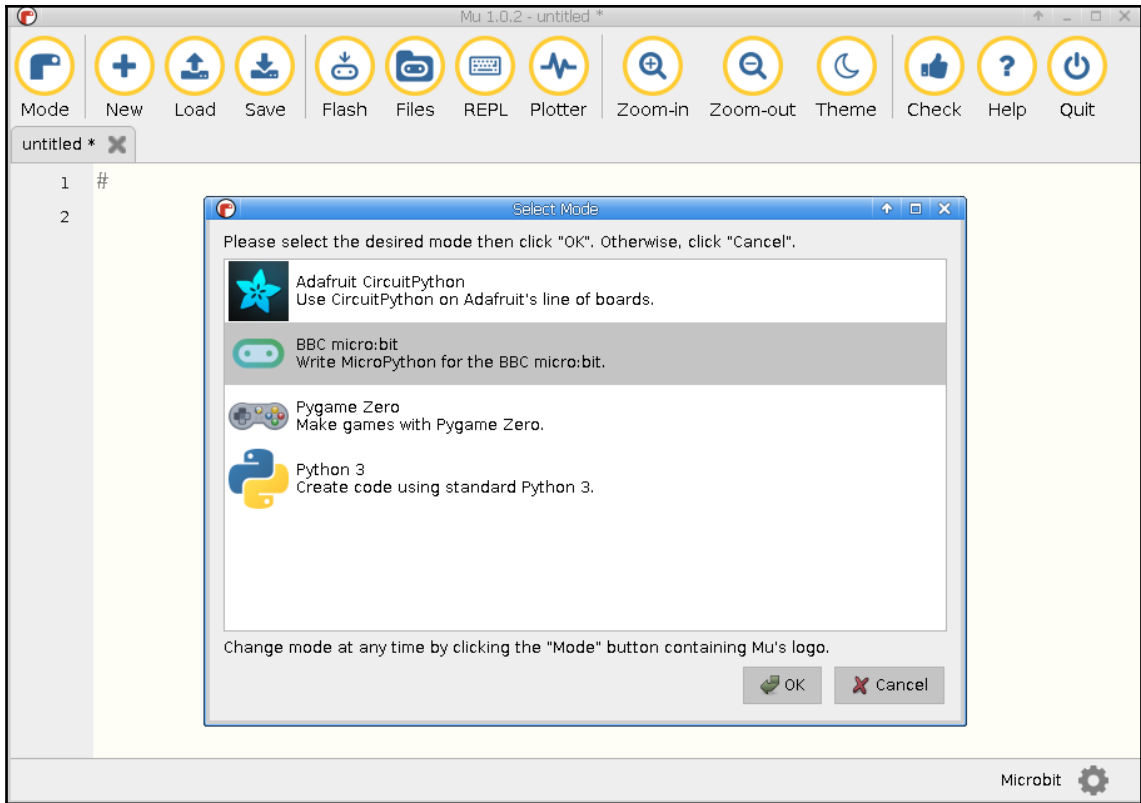


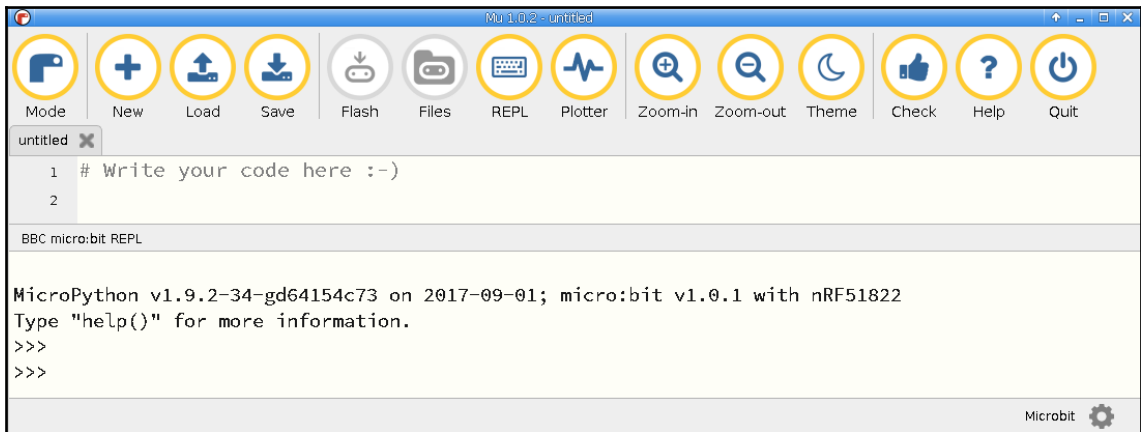
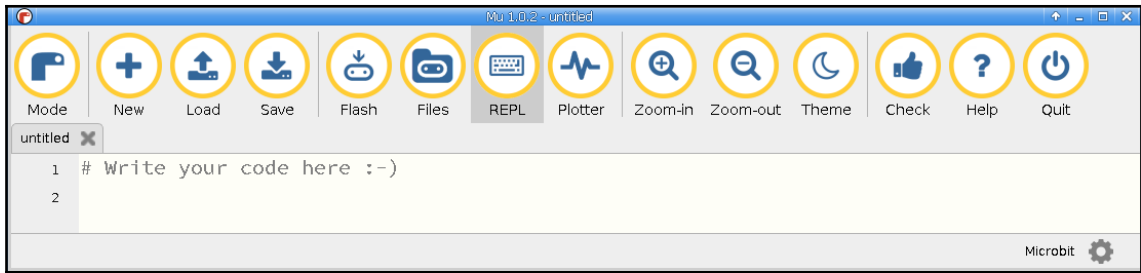




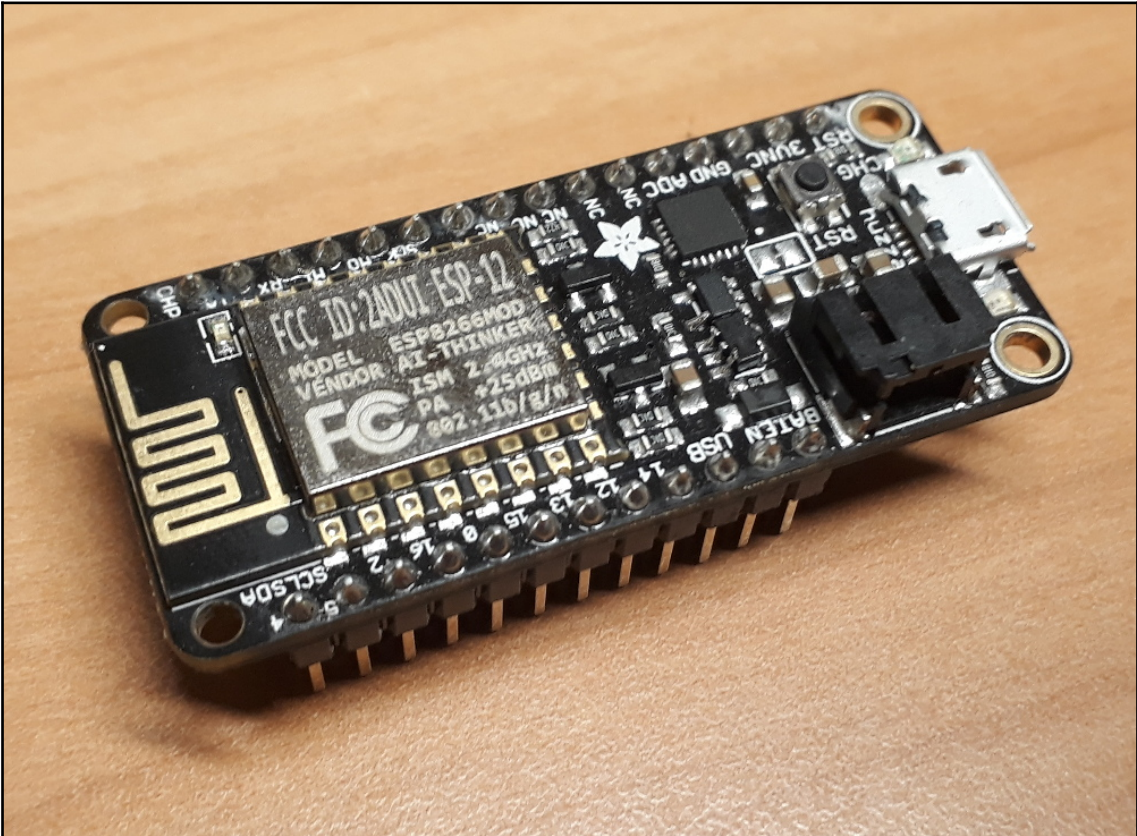
Chapter 9: Coding on the micro:bit

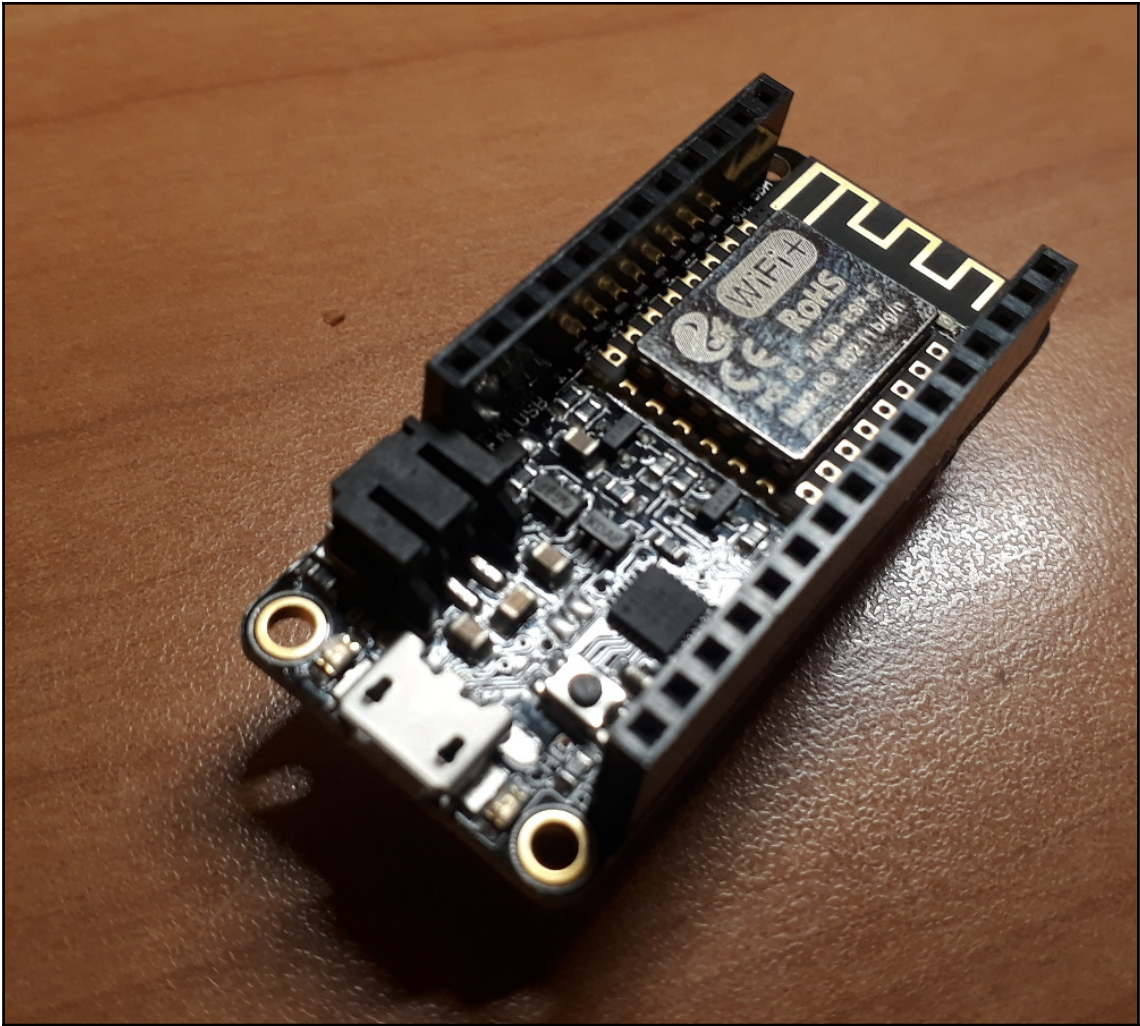






Chapter 10: Controlling the ESP8266







MicroPython WebREPL - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///tmp/webrepl/webrepl.html 160%

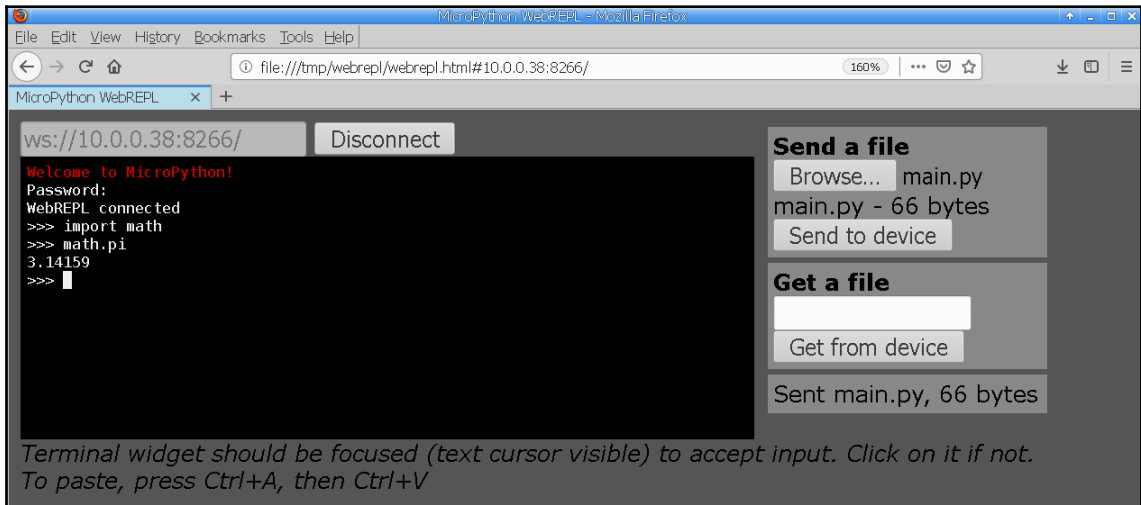
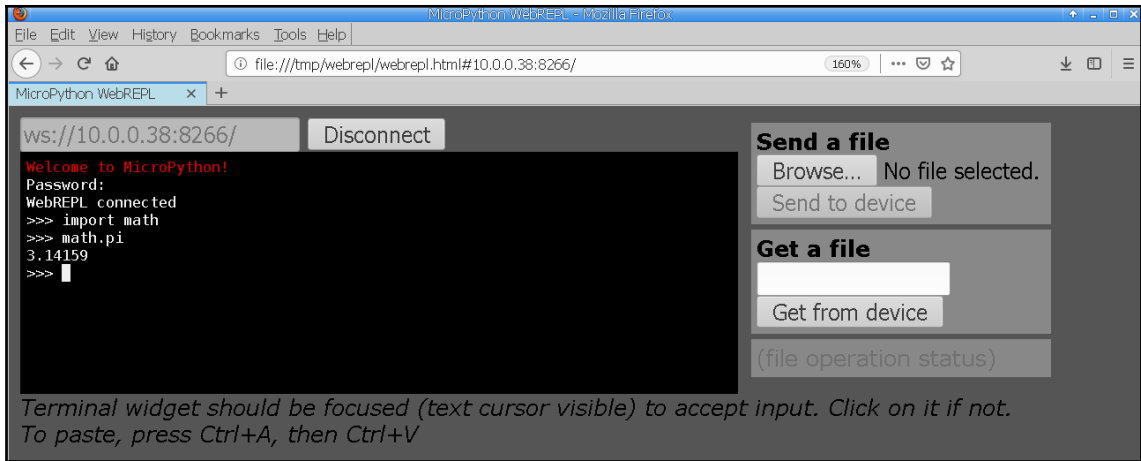
MicroPython WebREPL x +

ws://10.0.0.38:8266/ Connect

Send a file
Browse... No file selected.
Send to device

Get a file
Get from device
(file operation status)

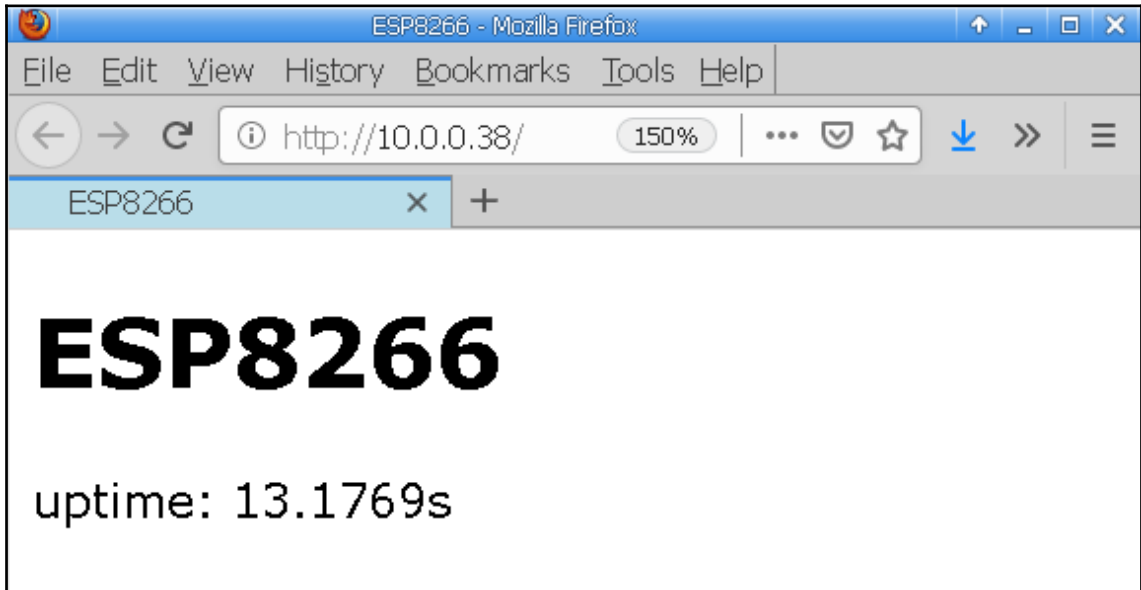
*Terminal widget should be focused (text cursor visible) to accept input. Click on it if not.
To paste, press Ctrl+A, then Ctrl+V*



Chapter 11: Interacting with the Filesystem

No color images

Chapter 12: Networking





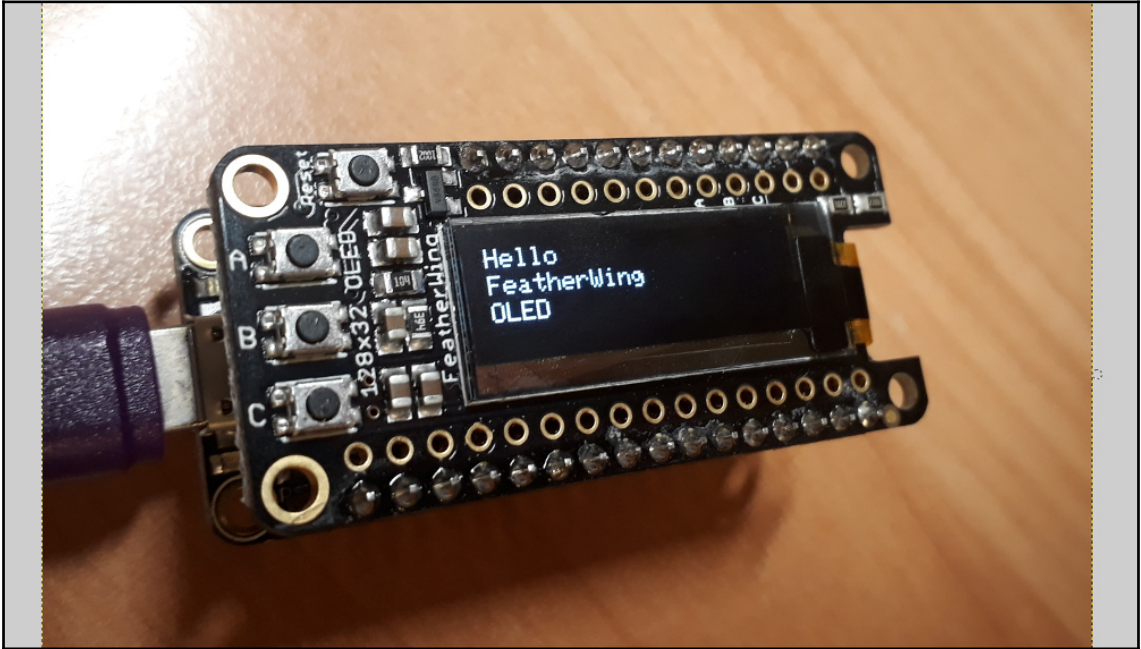
10.0.0.38

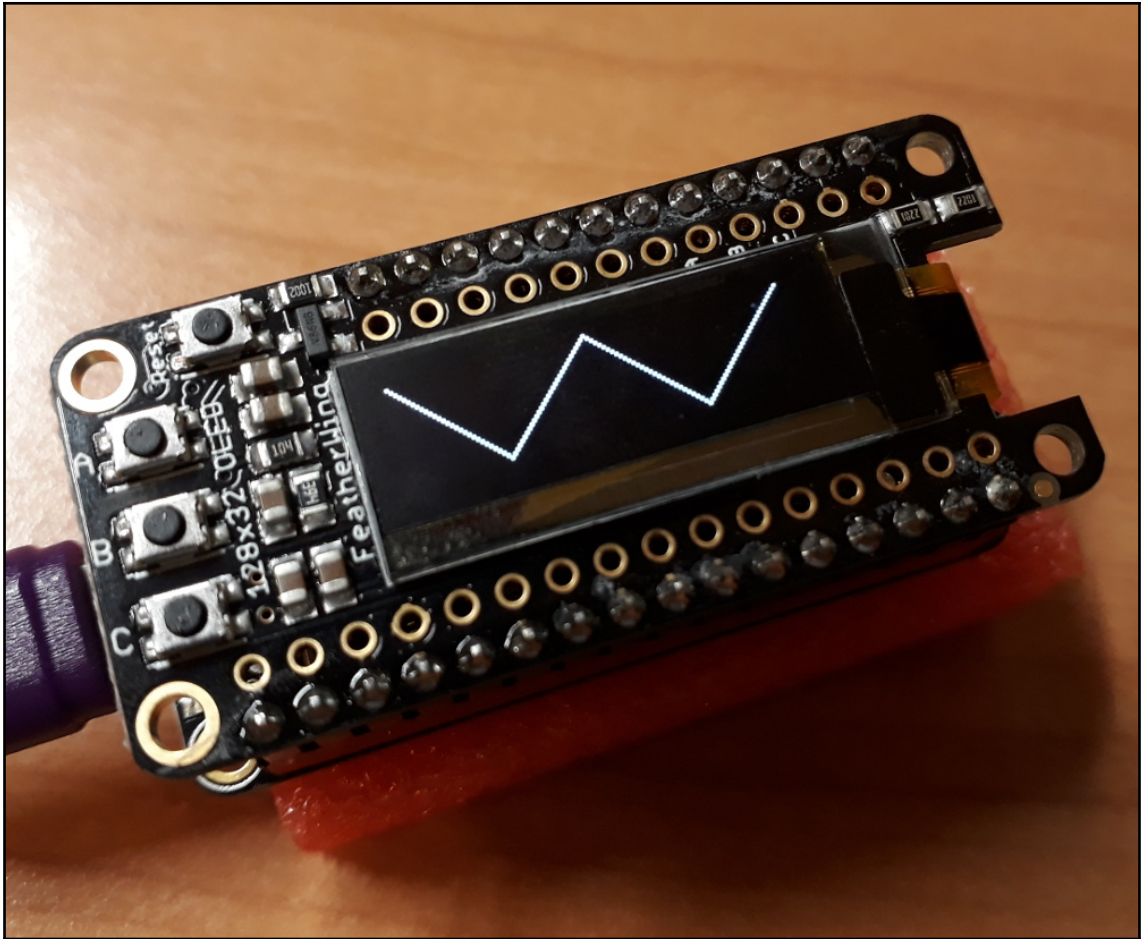


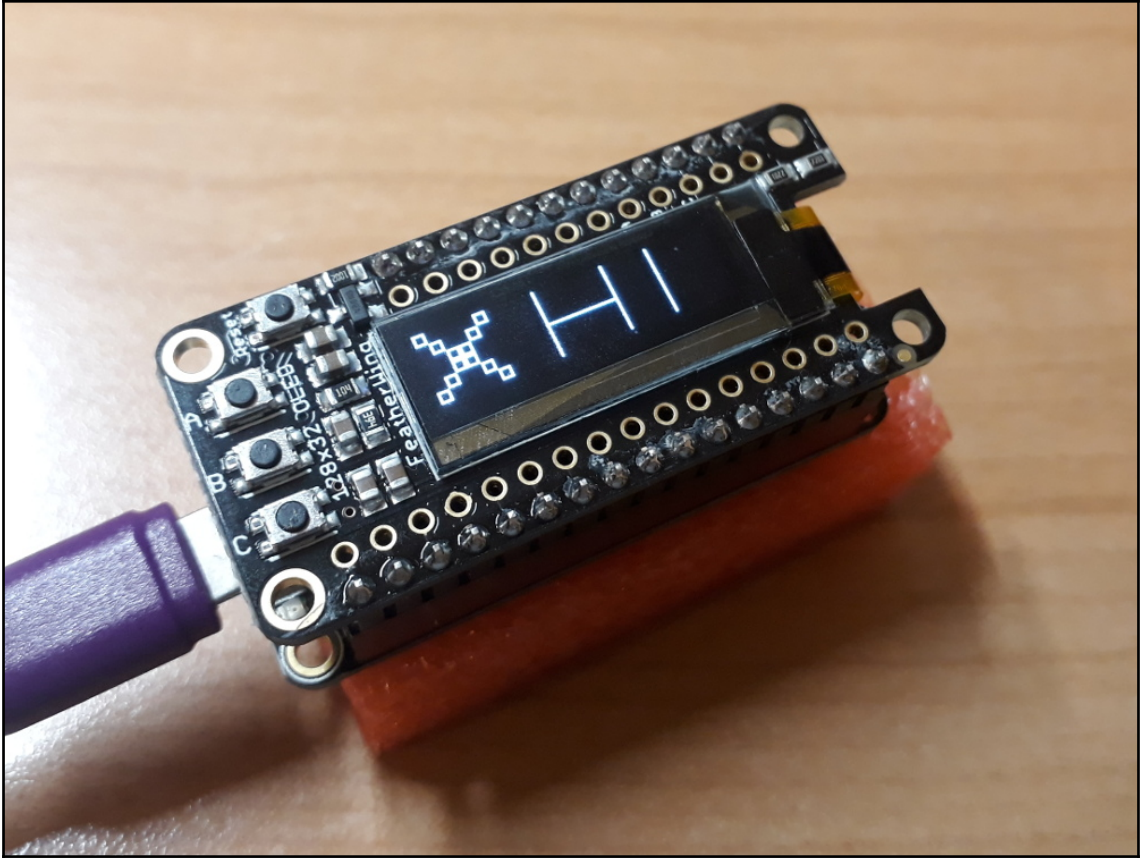
ESP8266

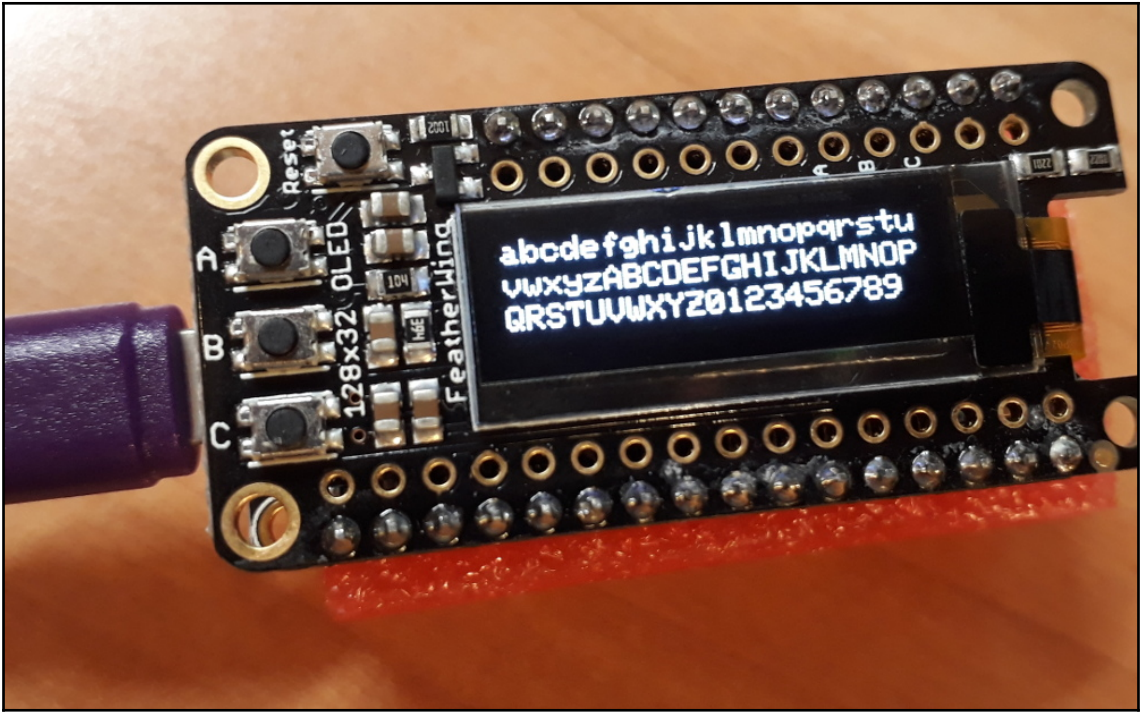
uptime: 3.419s

Chapter 13: Interacting with the Adafruit FeatherWing OLED

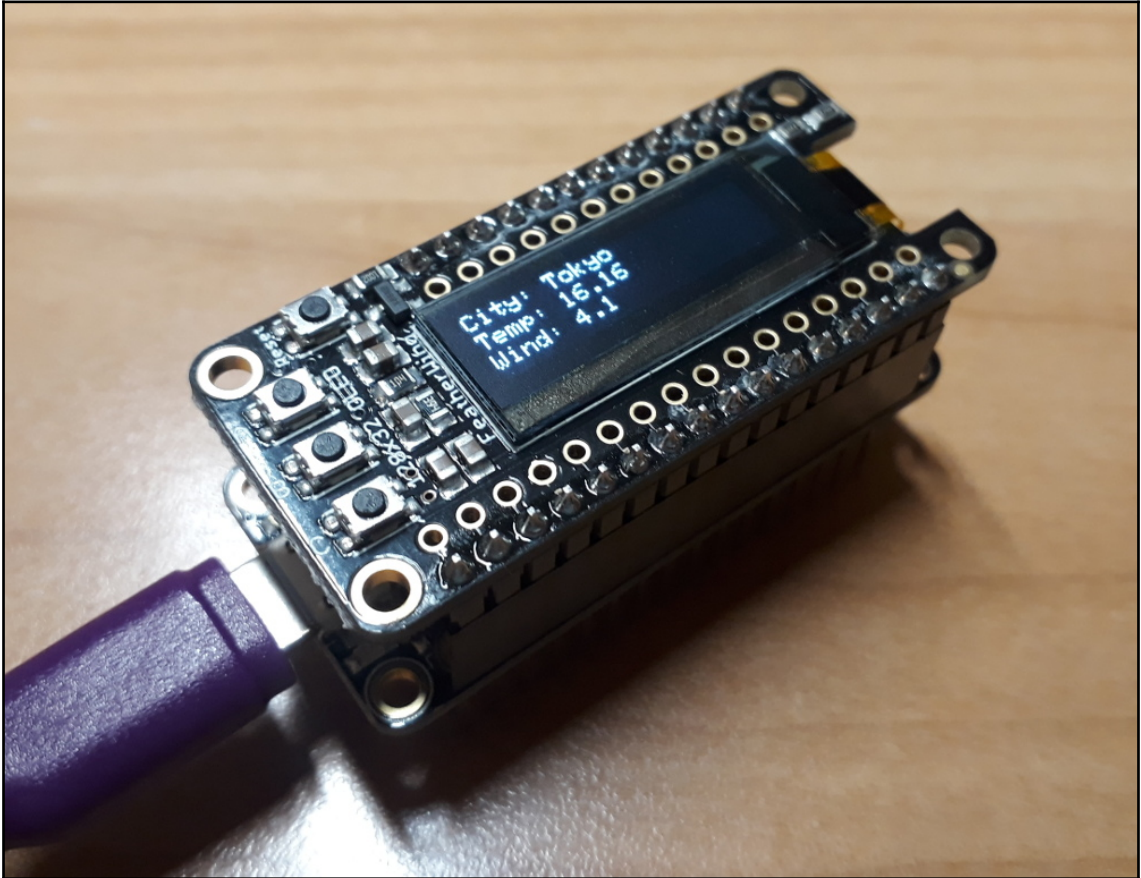








Chapter 14: Building an Internet of Things (IoT) Weather Machine



Chapter 15: Coding on the Adafruit HalloWing Microcontroller

No color images