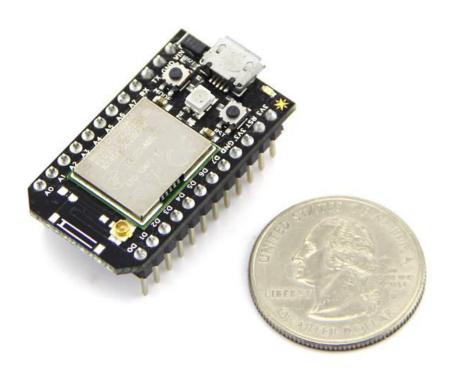
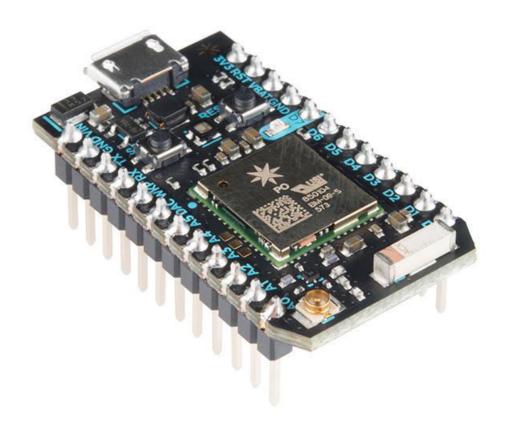
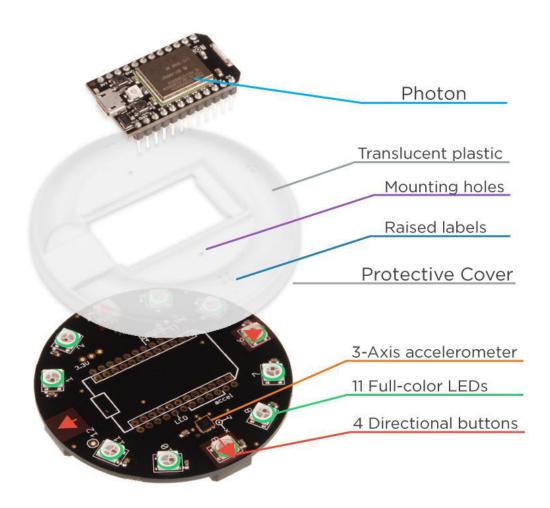
Chapter 1: Introducing IoT with Particle Photon and Electron

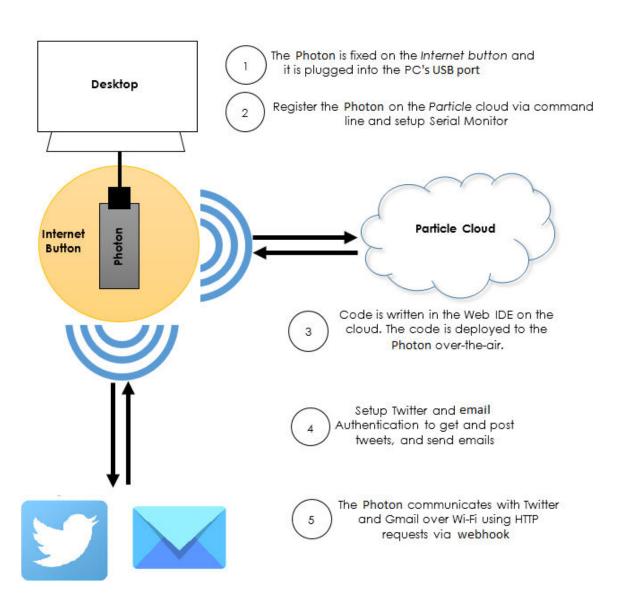


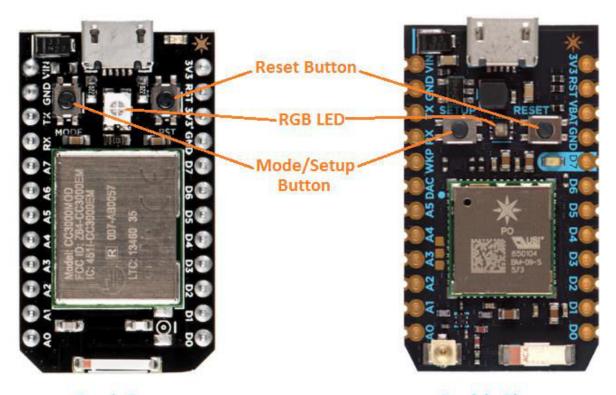




Chapter 2: Fire Up Your Kit







Spark Core Particle Photon



```
← → C 🔒 https://build.particle.io/build/578e042300646b0b2a0012 🕈 🏠
                                                                                                         0
               int led1 = D0;
int led2 = D7;
               void setup()
           16 - {
                   pinMode(led1, OUTPUT);
                   pinMode(led2, OUTPUT);
                   Spark.function("led",ledToggle);
                   // This is saying that when we ask the cloud for the function "led", it will employ
                   digitalWrite(led1, LOW);
digitalWrite(led2, LOW);
 da
               4
                                                                                                         •
           Ready.
```



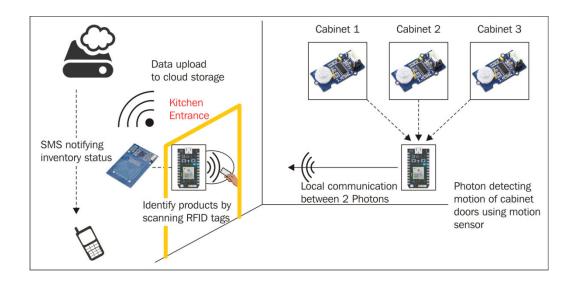


Chapter 3: P2P and Local Server

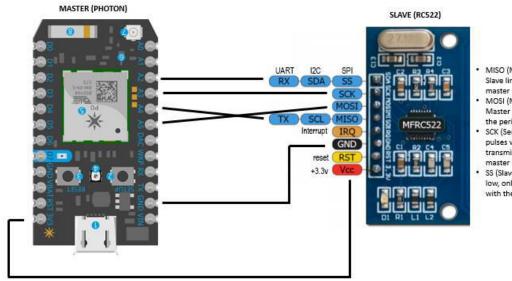


 \Diamond

Chapter 4: Connecting the Sensors

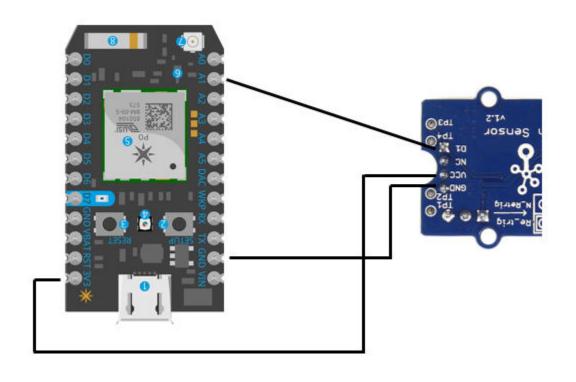


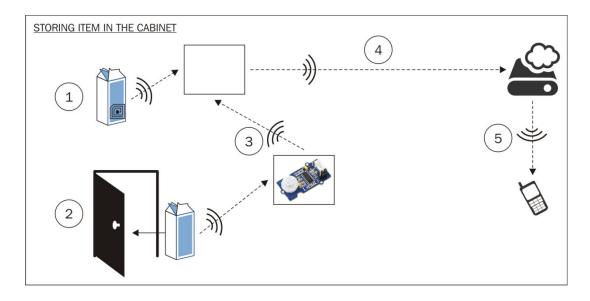


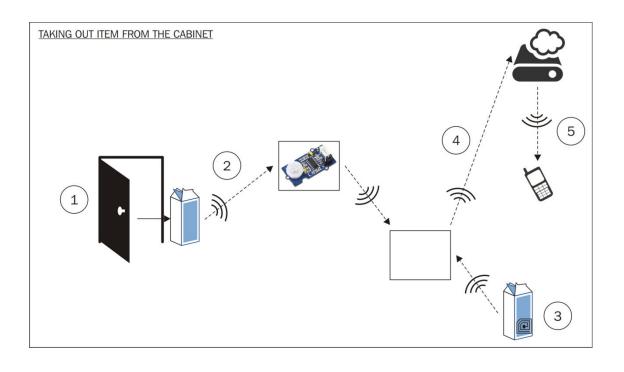


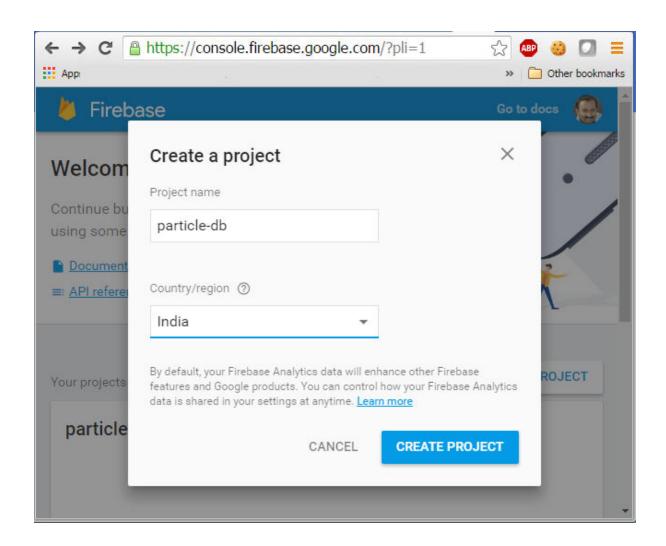
- MISO (Master In Slave Out) The Slave line for sending data to the master
- MOSI (Master Out Slave In) The Master line for sending data to the peripherals.
- SCK (Serial Clock) The clock pulses which synchronize data transmission generated by the master
- SS (Slave Select) -When SS pin is low, only then it communicates with the master.

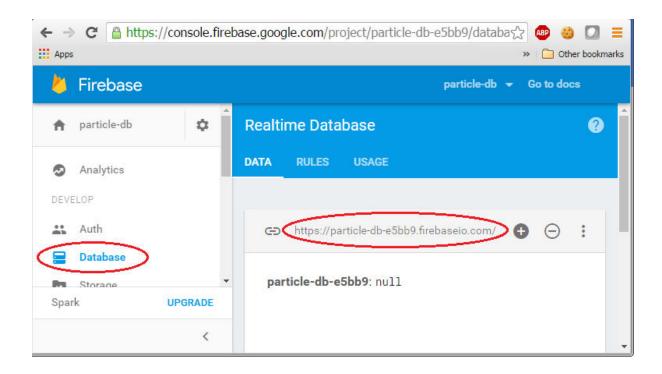








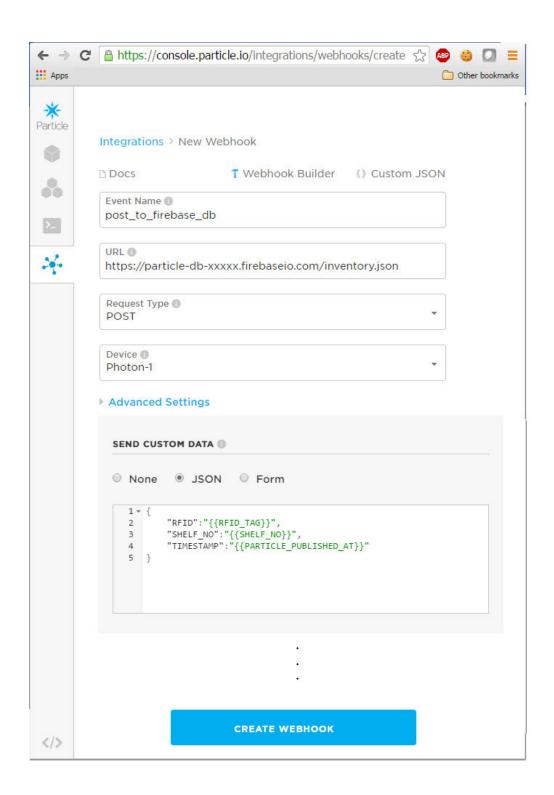












Chapter 5: Of Cars and Controllers





