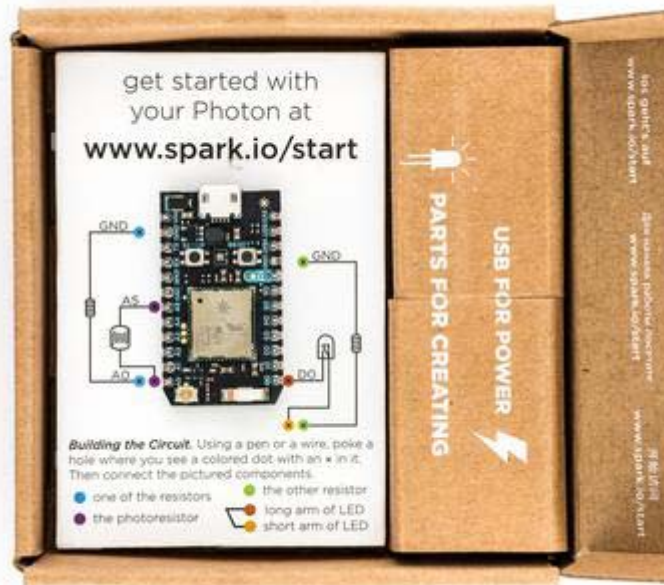# Photon Kit

The Photon Kit includes a Photon with headers, a shiny white mini-breadboard, a USB-micro cable, and a couple of extra surprises to help you start building right away.

Your Photon comes with access to the Particle Cloud, our fully-featured cloud service. The Particle Cloud has some great features for building connected projects, including over-the-air firmware updates, an easy-to-use REST API, and firmware development supported by web and local IDEs.

Additional specs:

o   Single band 2.4GHz IEEE 802.11b/g/n

o   Supports wireless data rates of up to 65Mbit/s

o   Supports Open, WEP, WAPI, WPA and WPA2-PSK WiFi security modes

o   Supports WiFi channels 1 to 14

o   Low power sleep, stand-by and stop modes

https://store.particle.io/products/photon-kit 11-1-7