



Particle Photon

SKU 114990286

★★★★★ [Read all 1 reviews](#)

- Broadcom BCM43362 Wi-Fi chip
- STM32F205 Cortex M3
- Open source design
- FCC, CE and IC certified

IN STOCK 6 Available

Qty:

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Description

Particle's Photon, is a tiny Wi-Fi development kit for creating connected projects and products for the Internet of Things (IoT). It is easy to use, powerful and connected to the cloud. Particle combines a powerful ARM Cortex M3 microcontroller with a Broadcom Wi-Fi chip in a tiny thumbnail-size module called the P0 (P-Zero).

To get you started quickly, Particle adds a rock solid 3.3VDC SMPS power supply, RF and user interface components to the P0 on a small single-sided PCB called Photon. The design is open source, so when you are ready to integrate the Photon into your product, you can.

The tools that make up the Photon's ecosystem (and come along with the board) are designed to let you build and create whether you are an embedded engineer, web developer, Arduino enthusiast or IoT entrepreneur. You'll be able to write your firmware in Particle web or local IDE, deploy it over the air, and build your web and mobile apps with ParticleJS and our Mobile SDK.

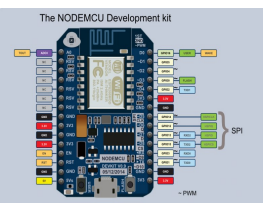
The Photon comes in with headers. Prototyping is easy with headers as the Photon plugs directly into standard breadboards and perfboards, and may also be mounted with 0.1" pitch female headers on PCB.

Features

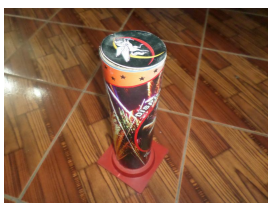
- Particle P0 Wi-Fi module
- Broadcom BCM43362 Wi-Fi chip
- 802.11b/g/n Wi-Fi
- STM32F205 120Mhz ARM Cortex M3

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Recipes



Control NodeMCU by Spark Photon



Remote Fireworks Launcher



Photon Rain Detector



Hands-on-Lab Particle Photon Weather Station in Azure

Reviews

★★★★★ **Quick, safe and cheap delivery**

Downloaded from [Arrow.com](#)
Best price, free delivery and fast delivery

Recommendations



Linkit Smart 7688 Duo



Particle Photon Base Shield



Grove Starter Kit for Photon



ESP-32S Wifi Bluetooth Combo Module



RedBear DUO - Wi-Fi + BLE IoT Board



Raspberry Pi 3 Model B



Linkit Smart 7688



Wio Node



Linkit ONE



Base Shield V2



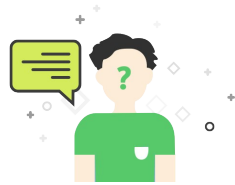
NodeMCU v2 - Lua based ESP8266...



KiwiSDR Board

Questions and Answers

Have a question about this? Ask people who own it.



View History



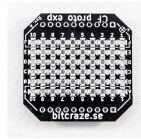
Crazyflie 2.0 - LED-ring Expansion Board

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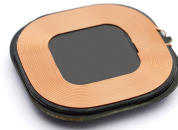
Crazyflie2.0 - Battery holder expansion board

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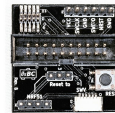
Crazyflie 2.0 - Prototyping expansion board

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Crazyflie 2.0 - Qi inductive charging expansion board

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Crazyflie 2.0 debug adapter kit

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Arduino Shield for Photon



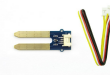
Grove - Starter Kit for Arduino



Grove - 4 pin Female Jumper to Grove...



Crazyflie 2.0



Grove - Moisture Sensor



Arduino Breakout for LinkIt Smart...



Bus Pirate v3.6 universal serial...

LiPo Rider Pro

POPULAR SEARCHES

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