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EDUCATION

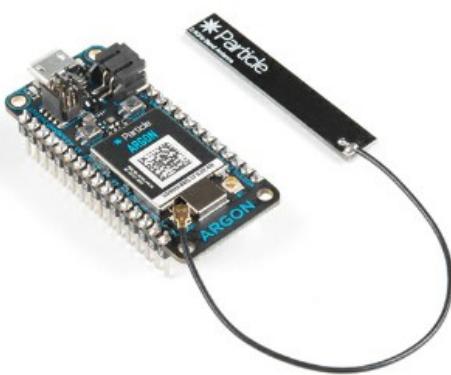


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Particle Argon IoT Development Board

WRL-15068

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SHARE

- Espressif ESP32-D0WD 2.4GHz Wi-Fi coprocessor
 - On-board 4MB flash for eSP32
 - 802.11 b/g/n support
 - 802.11 n (2.4GHz), up to 150Mbps
- Nordic Semiconductor nRF52840 SoC
 - ARM Cortex-M4F 32-bit processor @ 64MHz
 - 1MB flash, 256KB RAM
 - IEEE 802.15.4 - 2006: 250Kbps
 - Bluetooth 5: 2Mbps, 1Mbps, 500Kbps, 125Kbps
 - Supports DSP instructions, HW accelerated Floating Point Unit (FPU) calculations
 - ARM TrustZone CryptoCell-310 Cryptographic and security module
 - Up to +8 dBm TX power (down to -20dBm in 4dB steps)
 - NFC-A tag
- On-board additional 4MB SPI flash
- 20 mixed signal GPIO (6x Analog, 8x PWM), UART, I2C, SPI
- Integrated Li-Po charging and battery connector
- JTAG (SWD) Connector
- RGB status LED
- Reset and Mode buttons
- On-board PCB antenna for mesh network
- u.FL connectors for external antennas for mesh network, Wi-Fi, and NFC
- FCC, CE, and IC certified. RoHS compliant

Tags

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Particle Argon IoT Development Board Product Help and Resources

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Three Quick Tips About Using U.FL

DECEMBER 28, 2018

Quick tips regarding how to connect, protect, and disconnect U.FL connectors.

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Comments

Looking for answers to **technical questions?**

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BerenV / about a year ago / ★ 2

Awesome! I'm glad to see that Sparkfun is carrying Particle's new lineup of Mesh boards in both the kit, and the board only.

 **START SOMETHING.**

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