



Particle Argon IoT Development Board

WRL-15068

DESCRIPTION

FEATURES

DOCUMENTS

- 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

ANTENNA

ARGON

DEVELOPMENT

ESP32

FEATHER

IOT

NFC

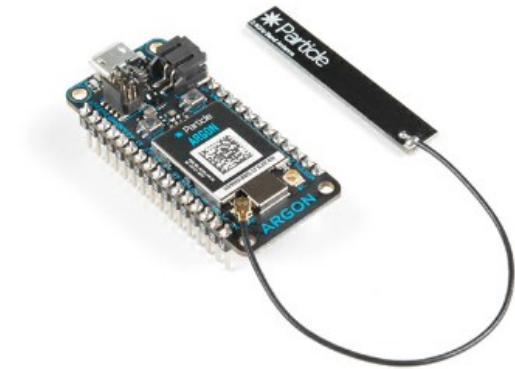
NRF52840

PARTICLE

U.FL

WIFI

WIRELESS



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Particle Argon IoT Development Board Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



Three Quick Tips About Using U.FL

DECEMBER 28, 2018

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

COMMENTS 1

REVIEWS 0

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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