

ESP32-S3 Feather (8MB Flash / 2MB PSRAM)

Adafruit · MPN 5323 · category: controller

Canonical record: <https://partsgraph.ai/catalog/parts/adafruit-esp32-s3-feather>

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ELECTRICAL

Deep sleep current: **100 uA** · vendor page

3.3V regulator output current (min): **500 mA** · vendor page

Battery monitor IC: **MAX17048** · vendor page

PERFORMANCE

CPU clock: **240 MHz** · vendor page

SRAM: **512 KB** · vendor page

CPU cores: **Dual Core** · vendor page

INTERFACE

USB connector: **USB type C** · vendor page

Bluetooth: **BLE** · vendor page

STEMMA QT / Qwiic connector: **Yes** · vendor page

Native USB: **Yes** · vendor page

Bluetooth Classic support: **No** · vendor page

Reset + DFU (BOOT0) buttons: **Yes** · vendor page

Status NeoPixel with pin-controlled power: **Yes** · vendor page

On/Charge/User LEDs: **Yes** · vendor page

STEMMA QT I2C power switchable: **Yes** · vendor page

Serial debug output pin: **Yes** · vendor page

Supported frameworks: **ESP-IDF, Arduino or CircuitPython** · vendor page

MECHANICAL

Form factor: **Feather format** · vendor page

COMPLIANCE

Module certification: **FCC/CE** · vendor page

GENERAL

Module: **ESP32-S3** · datasheet p.1

Wi-Fi: **2.4 GHz** · datasheet p.1

Flash: **8 MB** · vendor page

PSRAM: **2 MB** · vendor page

LiPo charger on board: **Yes** · vendor page

INDICATIVE PRICES

Adafruit: \$1750 USD · as of 2026-08-22 · <https://www.adafruit.com/product/5323>

Prices are indicative and dated, captured only from vendors' machine-stated markup. Availability is never claimed.

SOURCES — THE AUTHORITATIVE DOCUMENTS

ESP32-S3-WROOM-1 datasheet: https://documentation.espressif.com/esp32-s3-wroom-1_wroom-1u_datasheet_en.pdf

sha-256 27d71971da07c280c6068d08c74720d1a25b8f20cf8494dc1765bdd28d40d435

Adafruit product page: <https://www.adafruit.com/product/5323>

Compiled by Partsgraph from the sources above; records as of 2026-08-22. This sheet is a first-party compilation — the manufacturer's original documents remain the authoritative source and are pinned by URL and sha-256 above. Machine-readable record, provenance receipts and MCP tools: <https://partsgraph.ai/catalog/parts/adafruit-esp32-s3-feather> · <https://partsgraph.ai/connect>