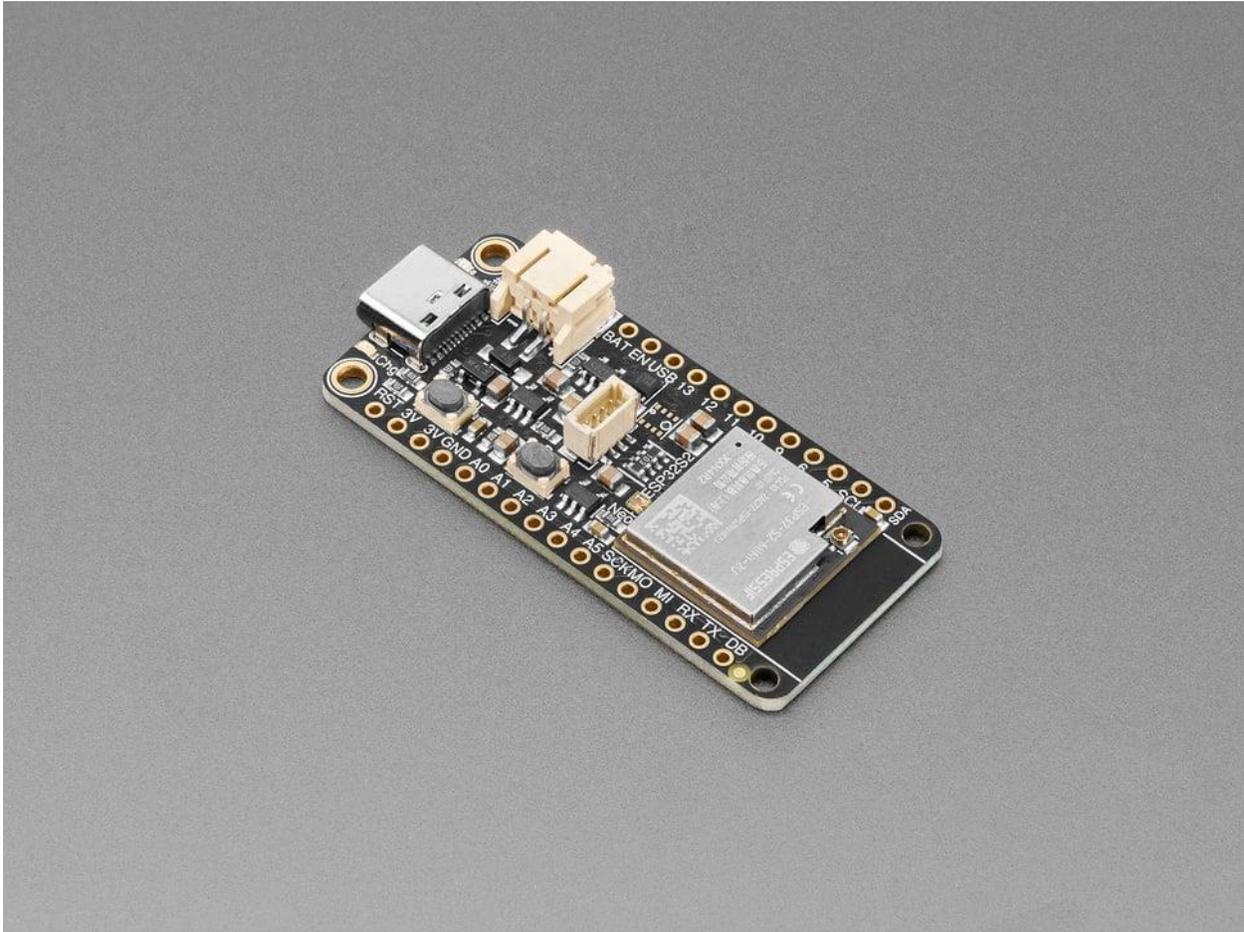


SKU: 6282



Features:

- ESP32-S2 240MHz Tensilica processor - the next generation of ESP32, now with native USB so it can act like a keyboard/mouse, MIDI device, disk drive, etc!
- Mini module has FCC/CE certification and comes with 4 MByte of Flash and 2 MByte of PSRAM - you can have huge data buffers
- w.FL antenna connector for connecting external antennas. Note this is NOT u.FL!
- Power options - USB type C or Lipoly battery
- Built-in battery charging when powered over USB-C
- LiPoly battery monitor - LC709203 chip actively monitors your battery for voltage and state of charge / percentage reporting over I2C

- Reset and DFU (BOOT0) buttons to get into the ROM bootloader (which is a USB serial port so you don't need a separate cable!)
- Serial debug output pin (optional, for checking the hardware serial debug console)
- STEMMA QT connector for I2C devices, with switchable power, so you can go into low power mode.
- On/Charge/User LEDs + status NeoPixel with pin-controlled power for low power usage
- Low Power friendly! In deep sleep mode we can get down to 80~100uA of current draw from the Lipoly connection. Quiescent current is from the power regulator, ESP32-S2 chip, and Lipoly monitor. Turn off the NeoPixel and external I2C power for the lowest quiescent current draw.

• Technical Details

- Product Dimensions: 52.0mm x 22.7mm x 7.2mm / 2.0" x 0.9" x 0.3"
- Product Weight: 6.2g / 0.2oz