

ESP32-C3-DevKitM-1 Development Board

DFR0807

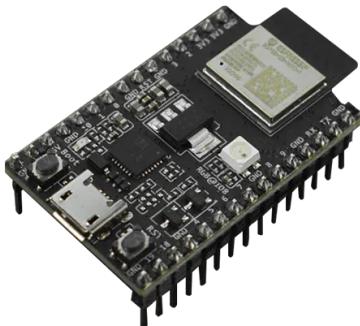
Product Overview

11/07/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot DFR0807 ESP32-C3-DevKitM-1 Development Board is an entry-level development board based on ESP32-C3-MINI-1. This board integrates complete Wi-Fi® and BLUETOOTH® LE functions. The ESP32-C3-DevKitM-1 board includes I/O pins on the ESP32-C3-MINI-1 module which are broken out to the pin headers on both sides of the board for easy interfacing.



The development board includes key components such as ESP32-C3-MINI-1, 5V to 3.3V LOD, %v power ON LED, I/O connector, boot button, micro-USB port, reset button, USB to UART bridge, RGB LED. These components can be connected in peripherals with jumper wires or mounted DFRobot DFR0807 ESP32-C3-DevKitM-1 on a breadboard.

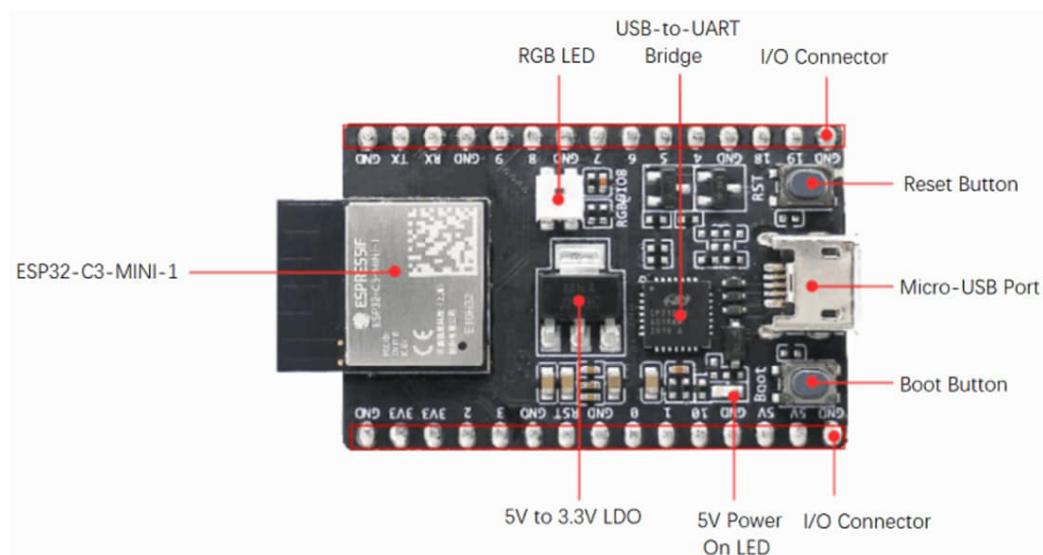
Specifications

- ESP32-C3FN4 embedded, 32-bit RISC-V single-core processor, up to 160MHz
- 384KB ROM
- 400KB SRAM
- 8KB RTC SRAM
- 4MB SPI Flash
- 3V to 3.6V operating voltage/power supply
- -40°C to 85°C operating temperature range

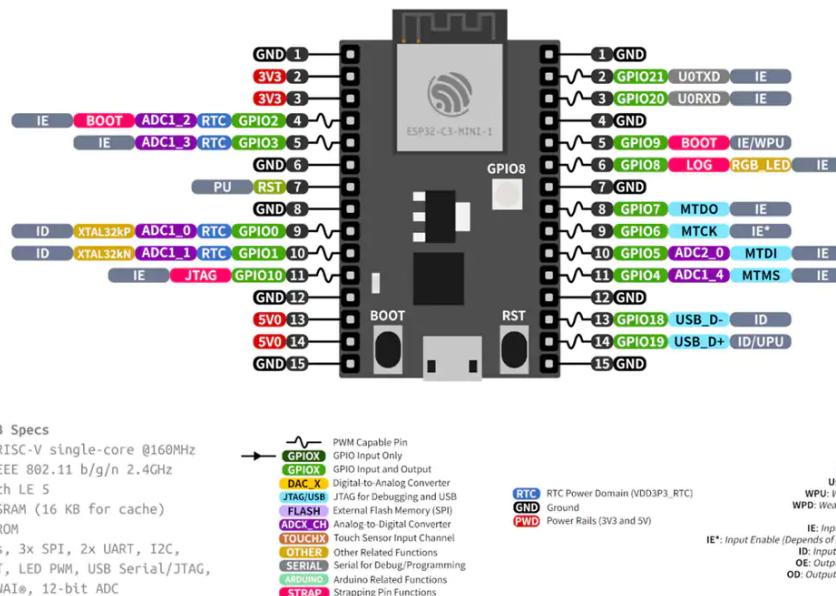
Required Equipment

- ESP32-C3-DevKitM-1
- USB 2.0 cable (Standard-A to Micro-B)
- Computer running Windows, Linux, or macOS

Board Overview



Pin Layout



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-esp32-c3-devkitm-1-development-board/>