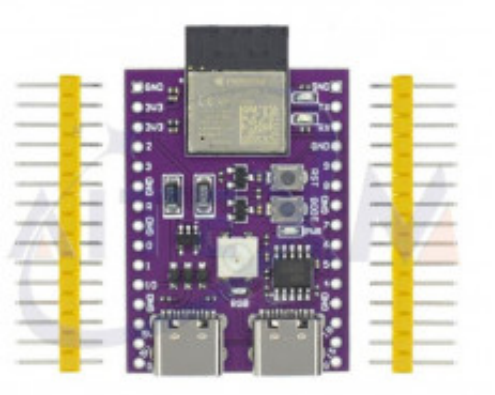
ESP32-C3 Dual USB



Produktkode: 799aa
Tilgjengelighet: 2
Weight: 0.00kg
Custom Field 5 (Location): N15

Pris: kr. 120,00

Kort beskrivelse
ESP32-C3 Dual USB

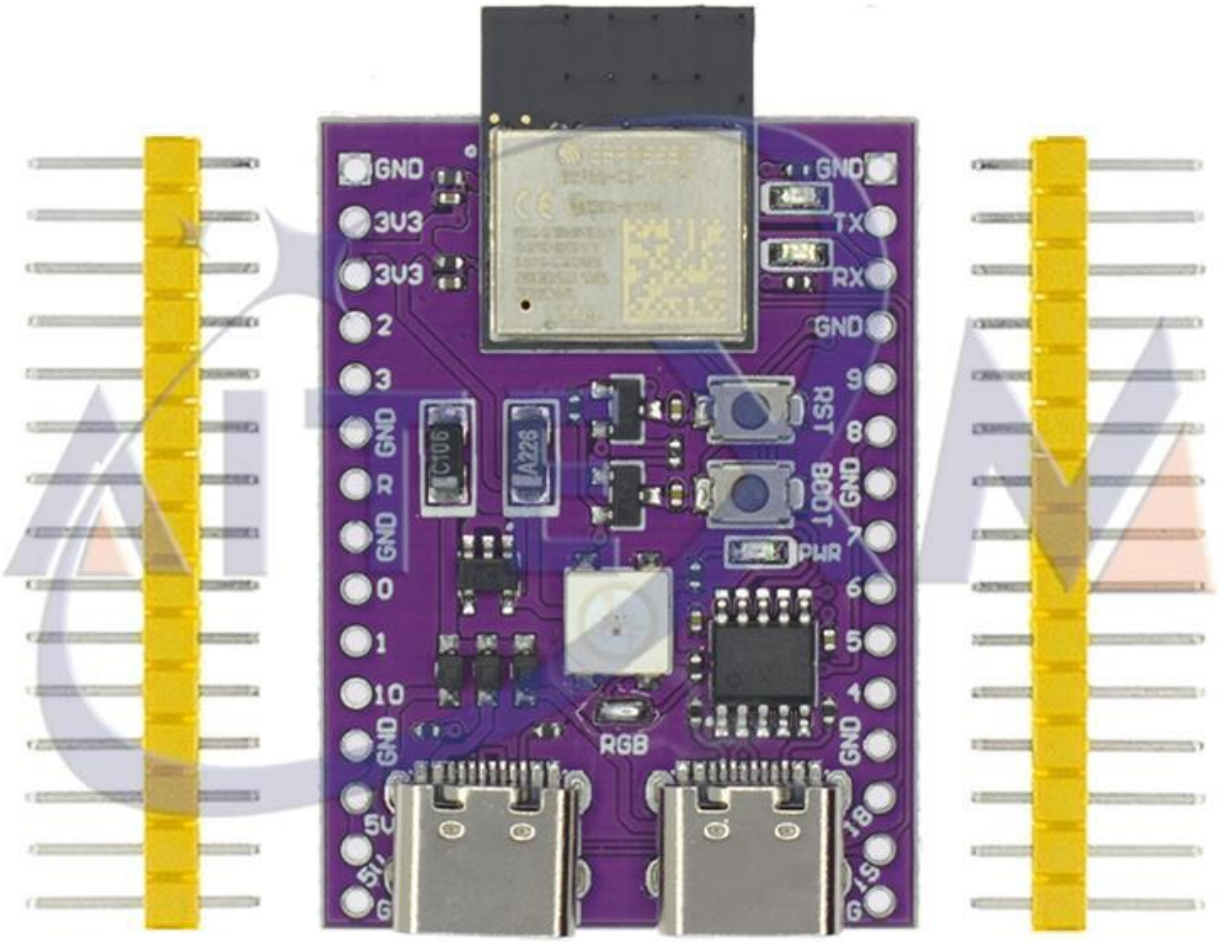
Beskrivelse

ESP32-S3 WIFI+BLE5.0 Development Boards
Original Espressif modules:ESP32-S3-WROOM-1-N8R2(8M Flash/2SRAM) or ESP32-S3-WROOM-1-N16R8(16M Flash/8SRAM)

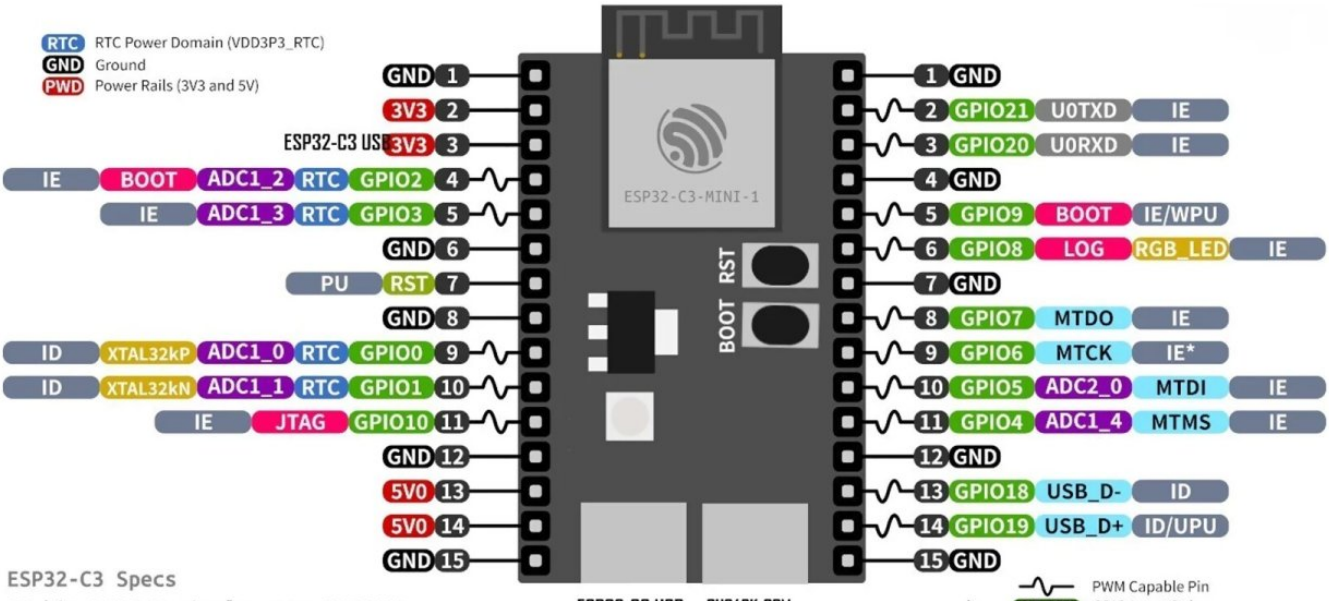
AI IOT/Dual Type-C USB/WS2812B RGB/ESP32-WHO/CH343P

About ESP32-S3-WROOM-1 Storage description

mpn	sram	rom	psram	flash
ESP32-S3-WROOM-1-N4	512K	384K	0M	4M
ESP32-S3-WROOM-1-N8	512K	384K	0M	8M
ESP32-S3-WROOM-1-N16	512K	384K	0M	16M
ESP32-S3-WROOM-1-N4R8	512K	384K	8M	4M
ESP32-S3-WROOM-1-N8R8	512K	384K	8M	8M
ESP32-S3-WROOM-1-N16R8	512K	384K	8M	16M
ESP32-S3-WROOM-1-N4R2	512K	384K	2M	4M
ESP32-S3-WROOM-1-N8R2	512K	384K	2M	8M
ESP32-S3-WROOM-1-N16R2	512K	384K	2M	16M
ESP32-S3-WROOM-1-N8R8	512K	384K	8M	8M
ESP32-S3-WROOM-1-N16R8	512K	384K	8M	16M


GND
3V3
3V3
2
3
GND
GND
0
1
10
GND
5V
5V
G
GND
TX
RX
GND
9
8
GND
7
6
5
4
GND
3V3
3V3
G
C106
A226
RST
BOOT
PWR
RGB

Pinout



ESP32-C3 Specs

32-bit RISC-V single-core @160MHz
Wi-Fi IEEE 802.11 b/g/n 2.4GHz
BLuetooth LE 5
400 KB SRAM (16 KB for cache)
384 KB ROM
22 GPIOs, 3x SPI, 2x UART, I2C, I2S, RMT, LED PWM, USB Serial/JTAG, GDMA, TWAI®, 12-bit ADC

GPIO STATE

UPU: *USB Weak Pull-up*
WPU: *Weak Pull-up (Internal)*
WPD: *Weak Pull-down (Internal)*
PU: *Pull-up (External)*
IE: *Input Enable (After Reset)*
IE*: *Input Enable (Depends of FUSE_DIS_PAD_JTAG)*
ID: *Input Disabled (After Reset)*
OE: *Output Enable (After Reset)*
OD: *Output Disabled (After Reset)*

PWM Capable Pin
GPIOX GPIO Input Only
GPIOX GPIO Input and Output
DAC_X Digital-to-Analog Converter
JTAG/USB JTAG for Debugging and USB
FLASH External Flash Memory (SPI)
ADCX_CH Analog-to-Digital Converter
TOUCHX Touch Sensor Input Channel
OTHER Other Related Functions
SERIAL Serial for Debug/Programming
ARDUINO Arduino Related Functions
STRAP Strapping Pin Functions