

# ESP32

ESP32 Family:

- ESP32 (2 core, BT, WiFi)
- ESP32-S2 (1 core, no BT)
- ESP32-C3 (1 core RISC, WiFi, BT5.0)
- ESP32-S3 (2 core, WiFi, BT5.0)

[Chip Series Comparison](#)

## Modules

- ESP32 WROOM 32U
- D1 MINI
- WEMOS LITE

## Pins

Max voltage on any pin is 3,3V!

## Straping pins

Following pins state are latched into GPIO\_STRAPPING register during reset:

1. MTDI
2. GPIO0
3. GPIO2
4. MTDO
5. GPIO5

## Input only pins!

Input only GPIOs! Or differential ADC.

- GPIO34 = ADC1\_CH6
- GPIO35 = ADC1\_CH7
- GPIO36 = ADC1\_CH0 = SENSOR\_VP
- GPIO39 = ADC1\_CH3 = SENSOR\_VN

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