Research pcb-design

**ESP32 Technical Reference Manual:**

<https://www.espressif.com/sites/default/files/documentation/esp32_technical_reference_manual_en.pdf>

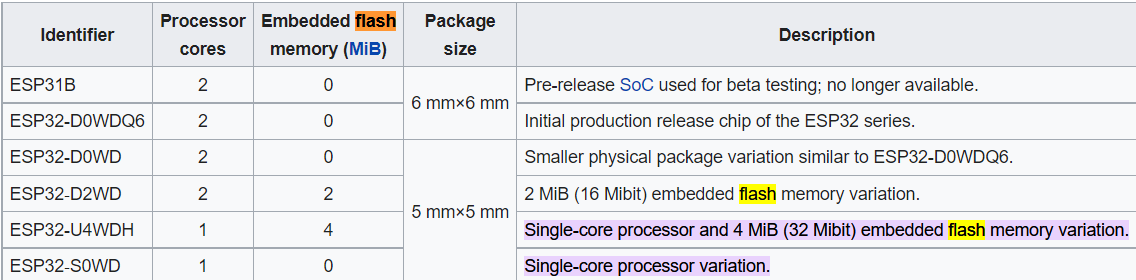
**ESP32 Series Datasheet:**

<https://www.espressif.com/sites/default/files/documentation/esp32_datasheet_en.pdf>

**specifieke esp-datasheets:**

<https://www.espressif.com/en/products/modules/esp32>

**embedded flash memory:**

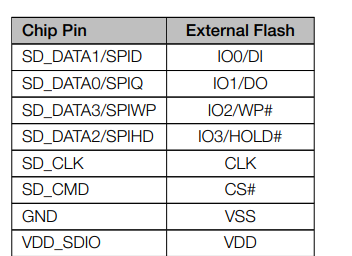


* Meestal extern flashgeheugen vereist.

**ESP32 Hardware Design Guidelines:**

<https://www.espressif.com/sites/default/files/documentation/esp32_hardware_design_guidelines_en.pdf>

**Hoe connect je flash chip to esp32:**



Als VDD3P3\_RTC (pin 19) doorverbonden wordt met VDD\_SDIO (pin 26) dan wordt de uitgangsspanning van VDD\_SDIO (pin 26) gelijk van deze van VDD3P3\_RTC (pin 19).

Anders is de uitgangspanning van VDD\_SDIO = 1.8V .