## ESP32 DEVKIT V1 - DOIT version with 36 GPIOs →Ground (3) → Data (2) GPIO23 VSPI MOSI EN →Vcc (1) ADC1 CHO GPIO36 GPIO22 12C SCL Sensor VN ADC1 CH3 GPIO39 GPIO1 UART 0 TX ESP-WROOM-32 -RTC GPIO4 ADC1 CH6 GPIO34 GPIO3 UART O RX Vcc (1 Lata (1) Gnd (4) GPIO35 ADC1CH7 GPIO21 12C SDA GPIO32 VSPI MISO ADC1 CH4 GPIO19 GPIO33 VSPI CLK ADC1 CH5 GPIO18 GPIO25 VSPI CSO ADC2 CH8 GPI05 GPIO26 GPIO17 UART 2 TX ADC2 CH9 GPIO27 ADC2 CH7 GPIO16 UART 2 RX RandomNerdTutorials.com \* GPIO14 GPIO4 ADC2 CH6 TOUCH2 RTC GPIO12 ADC2 CH5 GPIO12 GPIO2 ADC2 CH2 GPIO13 TOUCH3 ADC2 CH4 GPIO15 ADC2 CH3 HSPI CSO RTC GPIO13 GPI09 TOUCH1 RTC GPIO11 \* SHD/SD2 GPIO0 | ADC2 CH1 GPIO10 \* SWP/SD3 SDI/SD1 \* \* CSC/CMD GPIO11 GPIO7 SDO/SDO \* GPIO6 SCK/CLK \* GND SVE

RTC GPIOO

RTC GPIO3

RTC GPIO9

RTC GPIO8

RTC GPIO6

RTC GPIO7

RTC GPIO17

HSPI CLK

HSPI MISO

HSPI MOSI

Sensor VP

TOUCH9

TOUCH8

DAC1

DACZ

TOUCH7

TOUCH6

TOUCHS

TOUCH4

<sup>\*</sup> Pins SCK/CLK, SDO/SD0, SE /SD1, SHD/SD2, SWP/SD3 and SCS/CMD, namely, GPIO6 to GPIO11 are connected to the integrated SPI flash integrated on ESP-WROOM-32 and are not recommended for other uses.