

ESP32 (U101) has to be positioned with "VIN"-Pin aligned to the connector-bar marked in red. Same with the 2-pin power-connector J101 as well.

Designed supply voltage: 5V±20%
Power consumption in idle: 35mA
@40MHz
@80MHz 68mA

J101
Conn_01x02_Pin

U101
ESP32-DEVKIT-V1

U103
ADXL345

"LowG"-Accelerometer

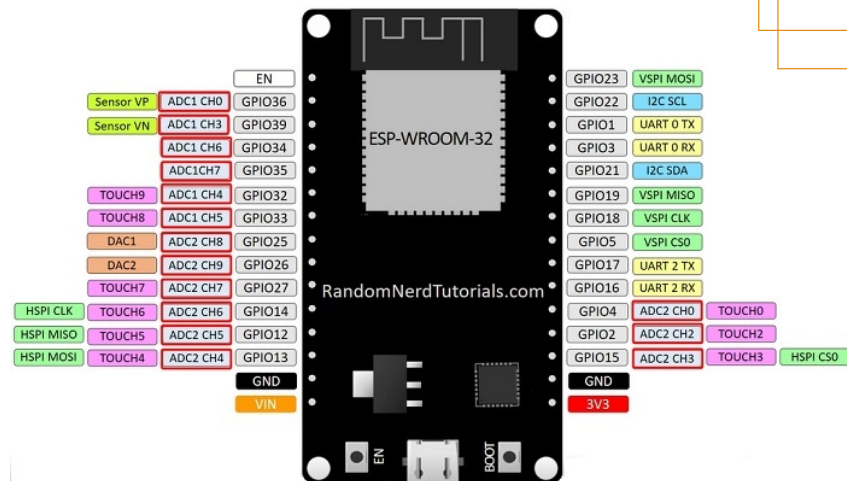
U104
ADXL377

"HighG"-Accelerometer

U105
Vibrationssensor

U106
Temperatursensor

ESP32 DEVKIT V1 - DOIT



<https://raw.githubusercontent.com/RuiSantosdotme/ESP32-Course/master/img/ESP32-DOIT-DEVKIT-V1-Board-Pinout-36-GPIOs.png>

Leon Schnieber

FRA-UAS

Sheet: /

File: schematic.kicad_sch

Title: ESP32 Gyroscope-Logger

Size: A4 Date: 2023-06-16

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