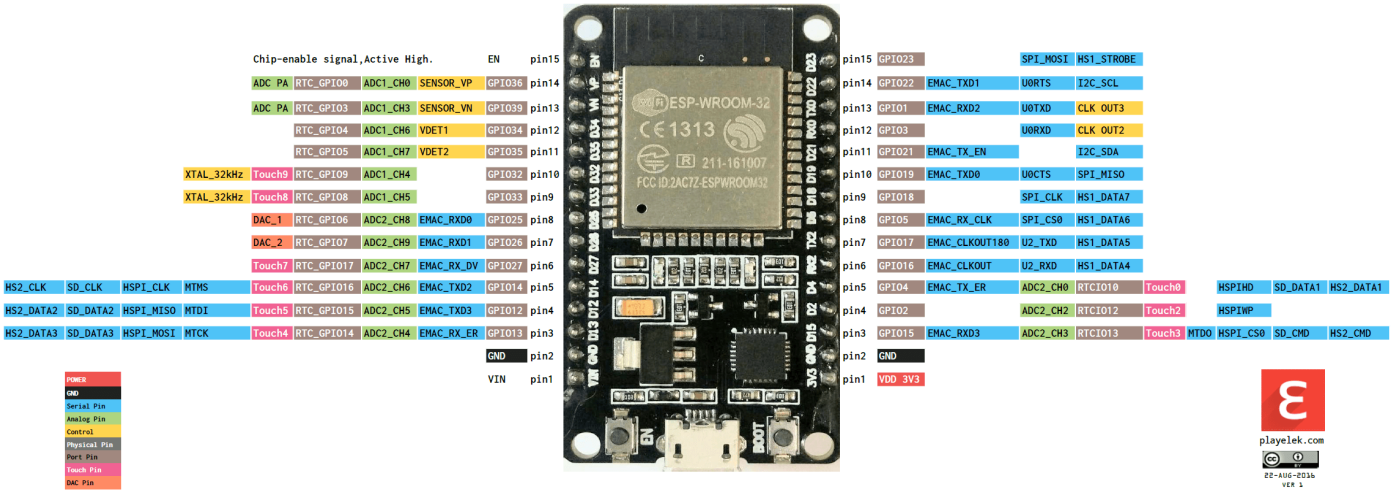
ESP 32 DEVKIT V1

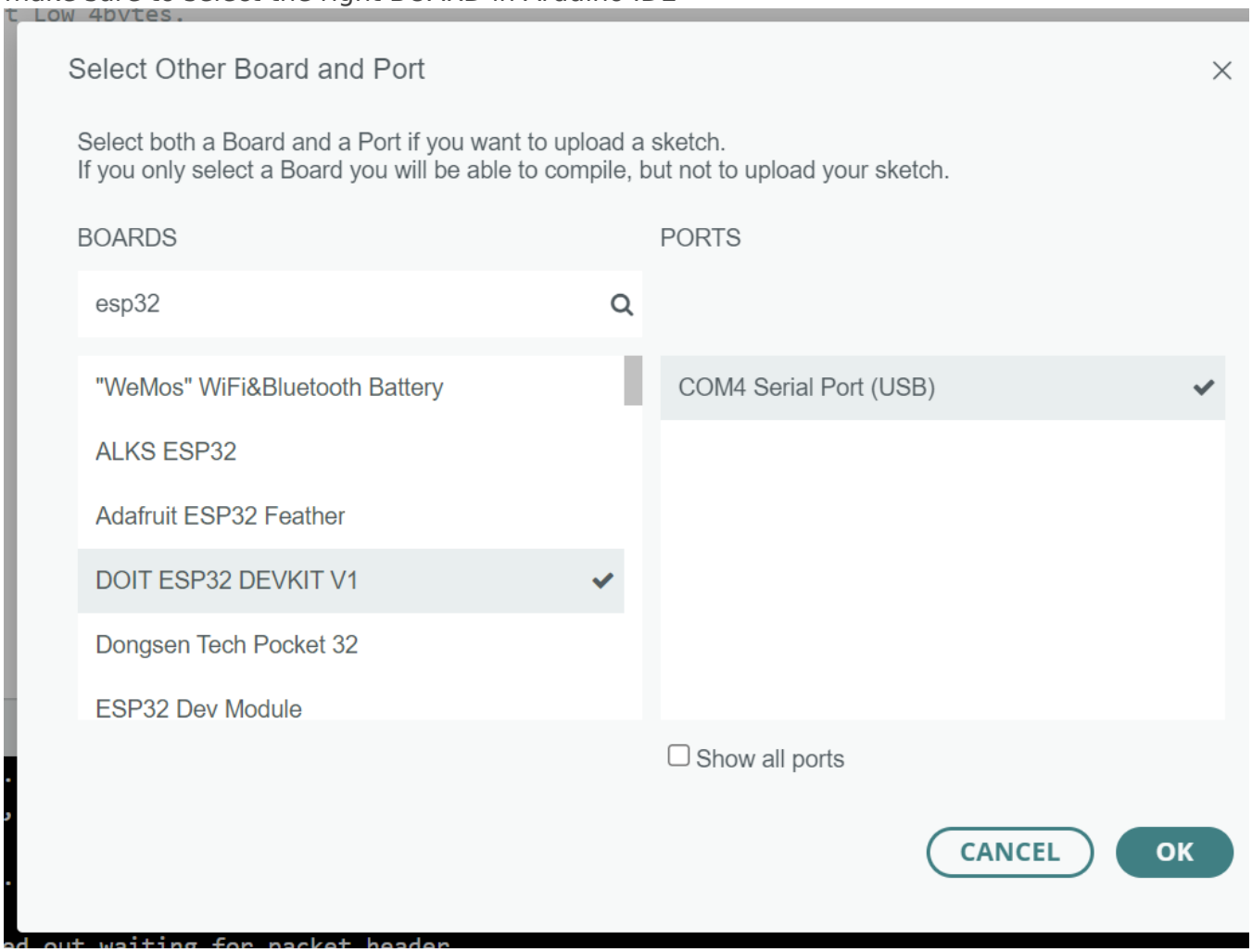
ESP32 Devkit DOIT V1 mit aufgespielter Firmware für ein WiFi Handrad in Kombination mit dem OPEN-CNC-Shield 2 oder dem ColdEnd32.

- PinBoard
- Using ESP 32 DEVKIT V1 in Windows 11 Arduino IDE

PinBoard


Chip-enable signal,Active High. EN pin15
ADC_PA RTC_GPIO0 ADC1_CH0 SENSOR_VP GPIO36 pin14
ADC_PA RTC_GPIO3 ADC1_CH3 SENSOR_VN GPIO39 pin13
RTC_GPIO4 ADC1_CH6 VDET1 GPIO34 pin12
RTC_GPIO5 ADC1_CH7 VDET2 GPIO35 pin11
XTAL_32kHz Touch9 RTC_GPIO9 ADC1_CH4 GPIO32 pin10
XTAL_32kHz Touch8 RTC_GPIO8 ADC1_CH5 GPIO33 pin9
DAC_1 RTC_GPIO6 ADC2_CH8 EMAC_RXD0 GPIO25 pin8
DAC_2 RTC_GPIO7 ADC2_CH9 EMAC_RXD1 GPIO26 pin7
Touch7 RTC_GPIO17 ADC2_CH7 EMAC_RX_DV GPIO27 pin6
HS2_CLK SD_CLK HSPI_CLK MTMS Touch6 RTC_GPIO16 ADC2_CH6 EMAC_TXD2 GPIO14 pin5
HS2_DATA2 SD_DATA2 HSPI_MISO MTDI Touch5 RTC_GPIO15 ADC2_CH5 EMAC_TXD3 GPIO12 pin4
HS2_DATA3 SD_DATA3 HSPI_MOSI MTCK Touch4 RTC_GPIO14 ADC2_CH4 EMAC_RX_ER GPIO13 pin3
GND pin2
VIN pin1
pin15 GPIO23 SPI_MOSI HS1_STROBE
pin14 GPIO22 EMAC_TXD1 U0RTS I2C_SCL
pin13 GPIO1 EMAC_RXD2 U0TXD CLK_OUT3
pin12 GPIO3 U0RXD CLK_OUT2
pin11 GPIO21 EMAC_TX_EN I2C_SDA
pin10 GPIO19 EMAC_TXD0 U0CTS SPI_MISO
pin9 GPIO18 SPI_CLK HS1_DATA7
pin8 GPIO5 EMAC_RX_CLK SPI_CS0 HS1_DATA6
pin7 GPIO17 EMAC_CLKOUT180 U2_TXD HS1_DATA5
pin6 GPIO16 EMAC_CLKOUT U2_RXD HS1_DATA4
pin5 GPIO4 EMAC_TX_ER ADC2_CH0 RTCIO10 Touch0 HSPIHD SD_DATA1 HS2_DATA1
pin4 GPIO2 ADC2_CH2 RTCIO12 Touch2 HSPIWP
pin3 GPIO15 EMAC_RXD3 ADC2_CH3 RTCIO13 Touch3 MTDO HSPI_CS0 SD_CMD HS2_CMD
pin2 GND
pin1 VDD_3V3
POWER
GND
Serial Pin
Analog Pin
Control
Physical Pin
Port Pin
Touch Pin
DAC Pin
ESP-WROOM-32
211-161007
FCC ID:2AC7Z-ESPWROOM32
playelek.com
22-AUG-2016
VER 1

Using ESP 32 DEVKIT V1 in Windows 11 Arduino IDE

1. install the drivers from here
2. make sure to select the right BOARD in Arduino IDE
3. 

4. press the BOOT button while uploading!