

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

MTD1

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

RTIC1010

Touch0

HSPIHD

SD_DATA1

HS2_DATA1

pin4

GPIO2

ADC2_CH2

RTIC1012

Touch2

HSPIWP

pin3

GPIO15

EMAC_RXD3

ADC2_CH3

RTIC1013

Touch3

MTD0

HSPI_CS0

SD_CH0

HS2_CH0

pin2

GND

pin1

VDD 3V3

POWER

GND

Serial Pin

Header Pin

Control

Physical Pin

Port Pin

Touch Pin

ADC Pin



E

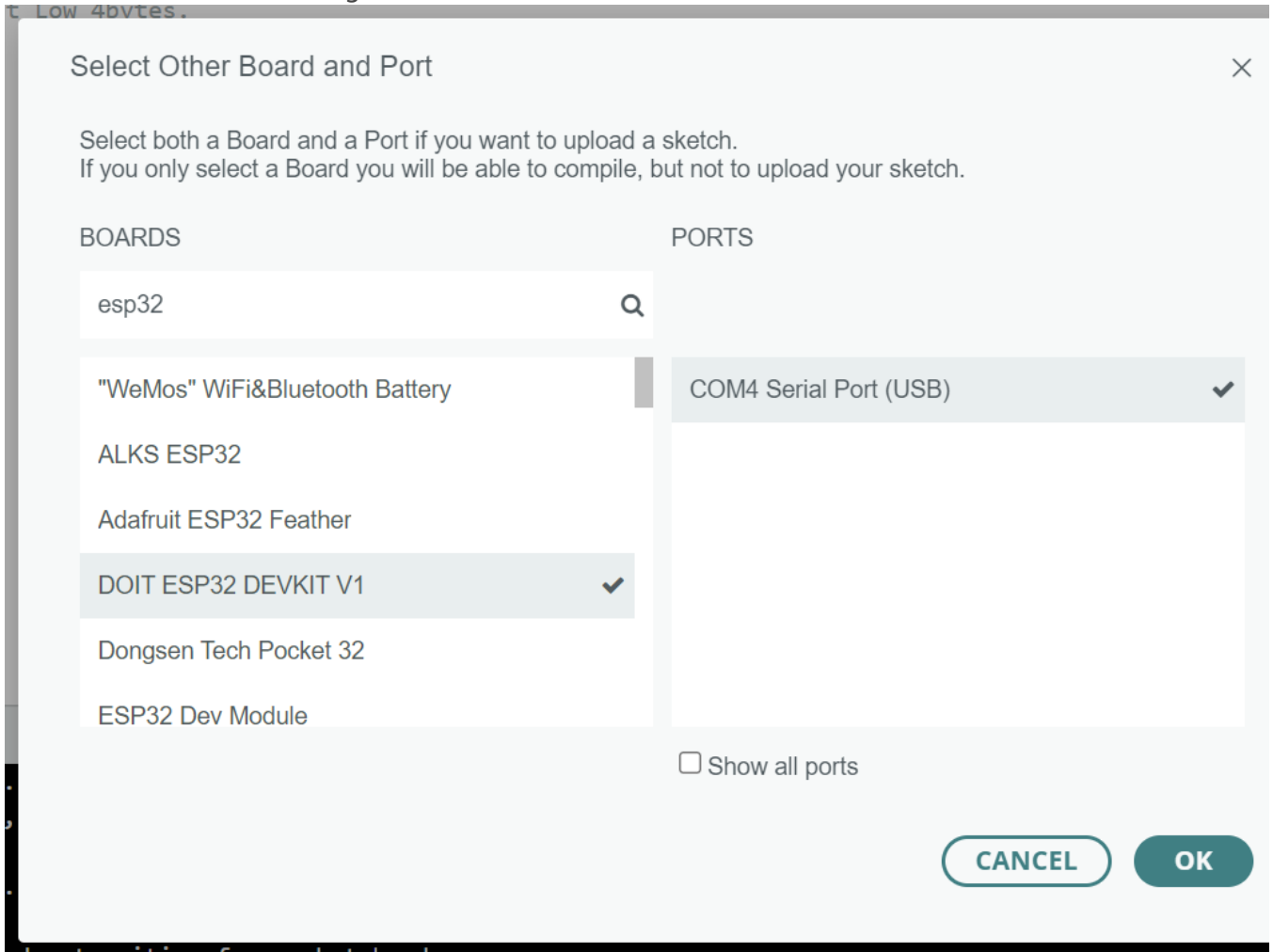
playelek.com

EE-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!