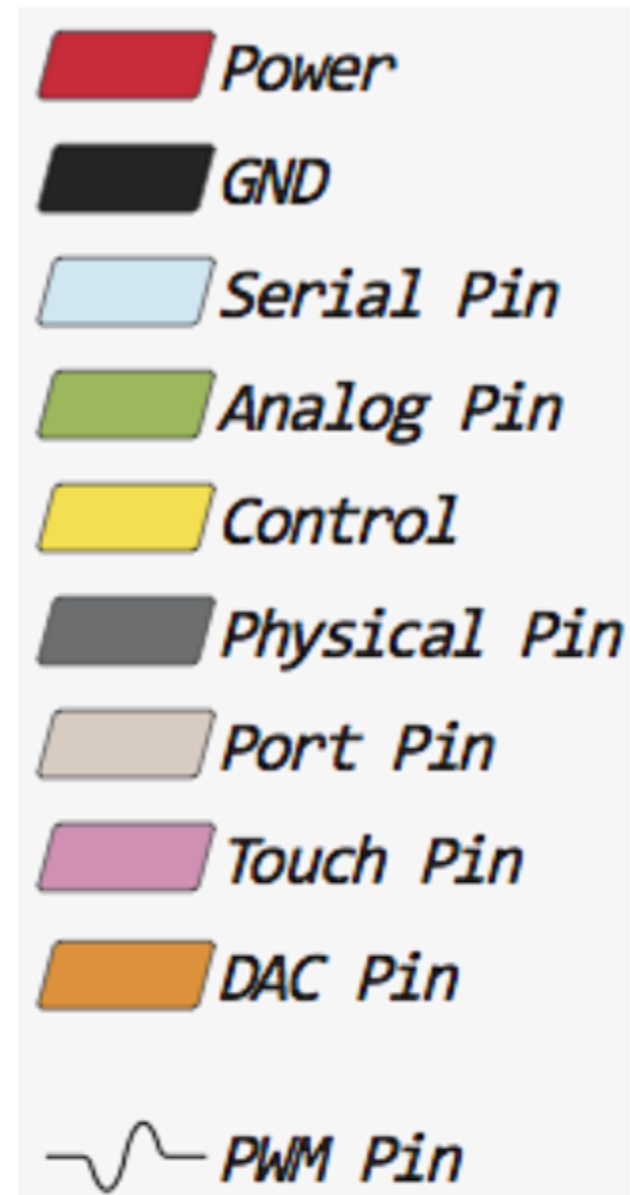


# ESP32 DevKitC V4 Pinout



JTAG RESET



ChipPU

3.3V

9

3V3

EN

SVP

SVN

IO34

IO35

IO32

IO33

IO25

IO26

IO27

IO14

IO12

GND

GND

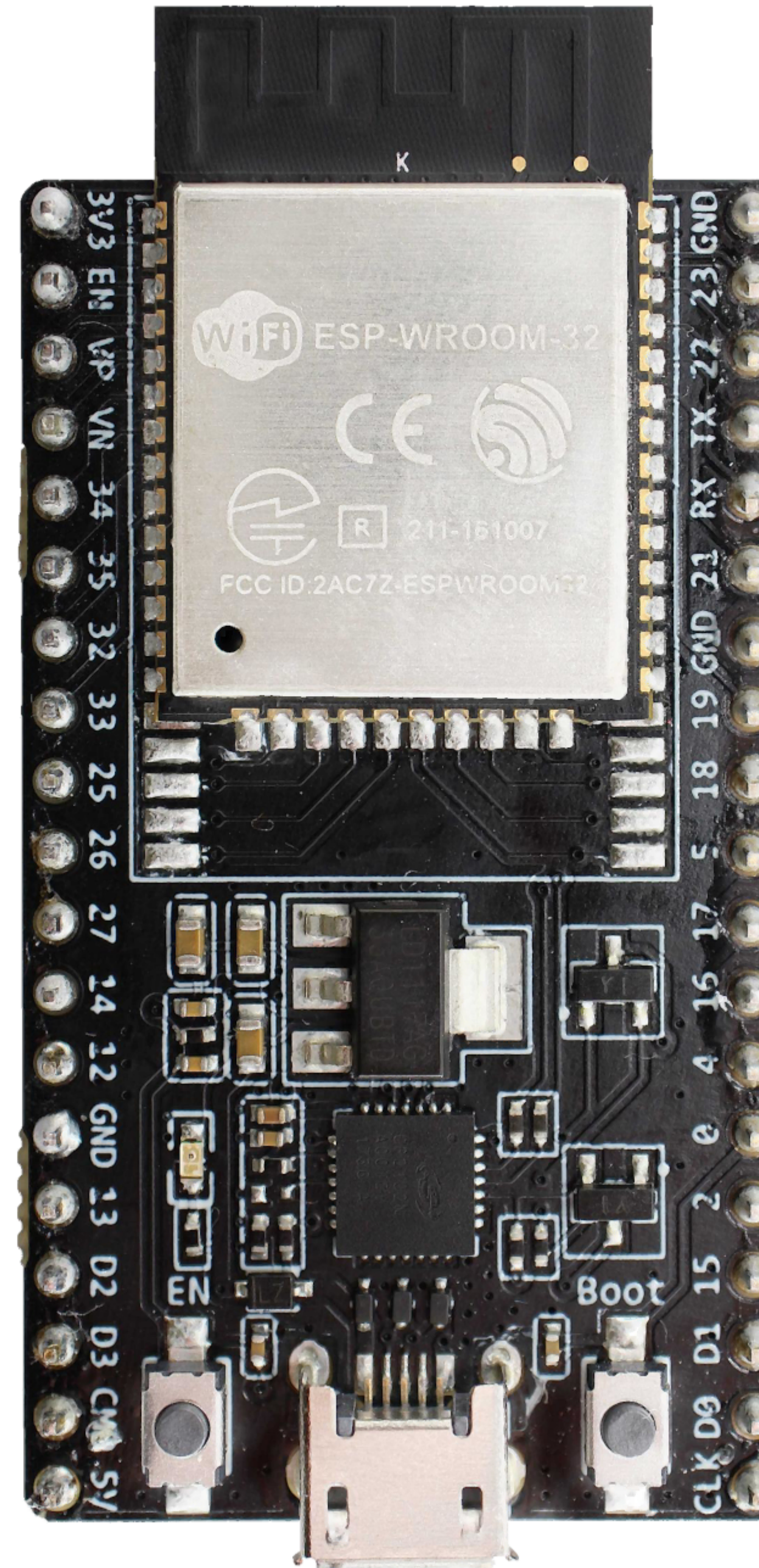
IO13

SD2

SD3

CMD

5V



GND

IO23

IO22

TXD0

RXD0

IO21

GND

IO19

IO18

IO5

IO17

IO16

IO4

IO0

IO2

IO15

SD1

SD0

CLK

GND

36

39

41

40

42

NC

38

35

34

27

25

24

23

22

21

33

32

31

GPIO23

GPIO22

GPIO1

GPIO3

GPIO21

NC

GPIO19

GPIO18

GPIO5

GPIO17

GPIO16

GPIO4

GPIO0

GPIO2

GPIO15

GPIO8

GPIO7

GPIO6

VSPID

EMAC\_TXD3

EMAC\_RXD2

EMAC\_TXEN

EMAC\_TXD0

EMAC\_RXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

HS1STROBE

U0RTS

U0TXD

U0RXD

VSPID

NC

U0CTS

VSPICLK

VSPICLK

VSPICLK

U2TXD

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

EMAC\_TXD0

SPI MOSI

Wire SCL

Wire SDA

SPI MISO

SPI SCK

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

SPI SS

PROGRAM Port

HSPIHD

SDDATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

HS2DATA1

TDO

FLASH D1

FLASH D0

FLASH SCK

FLASH SCK

FLASH SCK

FLASH SCK

FLASH SCK

FLASH SCK