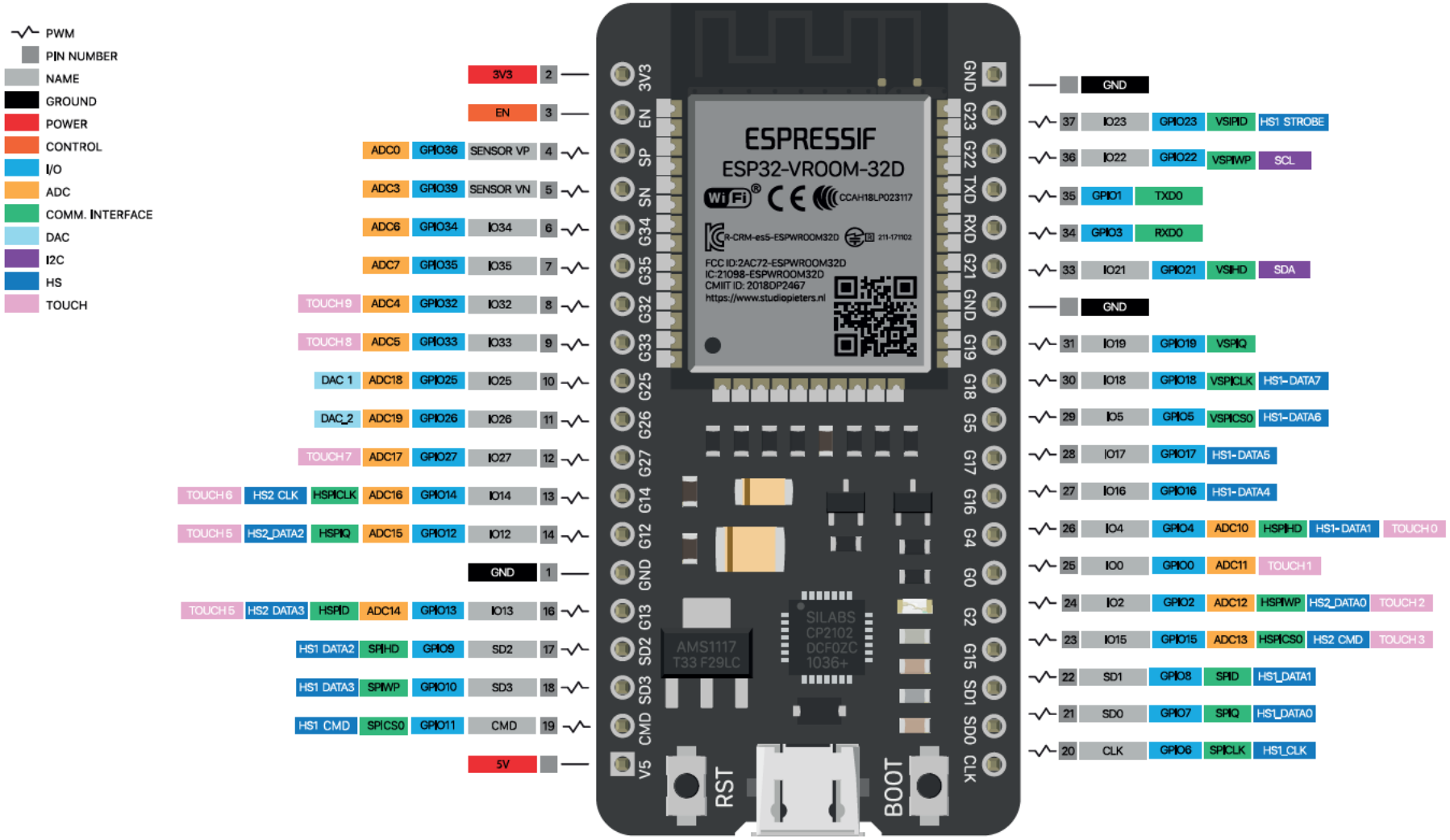
PWM
PIN NUMBER
NAME
GROUND
POWER
CONTROL
I/O
ADC
COMM. INTERFACE
DAC
I2C
HS
TOUCH
3V3 2
EN 3
ADC0 GPIO36 SENSOR VP 4
ADC3 GPIO39 SENSOR VN 5
ADC6 GPIO34 IO34 6
ADC7 GPIO35 IO35 7
TOUCH 9 ADC4 GPIO32 IO32 8
TOUCH 8 ADC5 GPIO33 IO33 9
DAC 1 ADC18 GPIO25 IO25 10
DAC_2 ADC19 GPIO26 IO26 11
TOUCH 7 ADC17 GPIO27 IO27 12
TOUCH 6 HS2 CLK HSPICLK ADC16 GPIO14 IO14 13
TOUCH 5 HS2_DATA2 HSPIQ ADC15 GPIO12 IO12 14
GND 1
TOUCH 5 HS2 DATA3 HSPID ADC14 GPIO13 IO13 16
HS1 DATA2 SPIHD GPIO9 SD2 17
HS1 DATA3 SPIWP GPIO10 SD3 18
HS1 CMD SPICS0 GPIO11 CMD 19
5V
3V3 EN SP SN G34 G35 G32 G33 G25 G26 G27 G14 G12 GND G13 SD2 SD3 CMD V5
GND G23 G22 TXD RXD G21 GND G19 G18 G5 G17 G16 G4 G0 G2 G15 SD1 SD0 CLK
ESPRESSIF
ESP32-VROOM-32D
CCAH18LP023117
R-CRM-es5-ESPWROOM32D 211-171102
FCC ID:2AC72-ESPWROOM32D
IC:21098-ESPWROOM32D
CMIIT ID: 2018DP2467
https://www.studiopieters.nl
AMS1117
T33 F29LC
SILABS
CP2102
DCF0ZC
1036+
RST
BOOT
GND
37 IO23 GPIO23 VSPID HS1 STROBE
36 IO22 GPIO22 VSPIWP SCL
35 GPIO1 TXD0
34 GPIO3 RXD0
33 IO21 GPIO21 VSPIHD SDA
GND
31 IO19 GPIO19 VSPIQ
30 IO18 GPIO18 VSPICLK HS1-DATA7
29 IO5 GPIO5 VSPICS0 HS1-DATA6
28 IO17 GPIO17 HS1-DATA5
27 IO16 GPIO16 HS1-DATA4
26 IO4 GPIO4 ADC10 HSPIHD HS1-DATA1 TOUCH 0
25 IO0 GPIO0 ADC11 TOUCH 1
24 IO2 GPIO2 ADC12 HSPIWP HS2_DATA0 TOUCH 2
23 IO15 GPIO15 ADC13 HSPICS0 HS2 CMD TOUCH 3
22 SD1 GPIO8 SPID HS1_DATA1
21 SD0 GPIO7 SPIQ HS1_DATA0
20 CLK GPIO6 SPICLK HS1_CLK