

Power GND

Serial Pin

Analog Pin

Physical Pin

Control

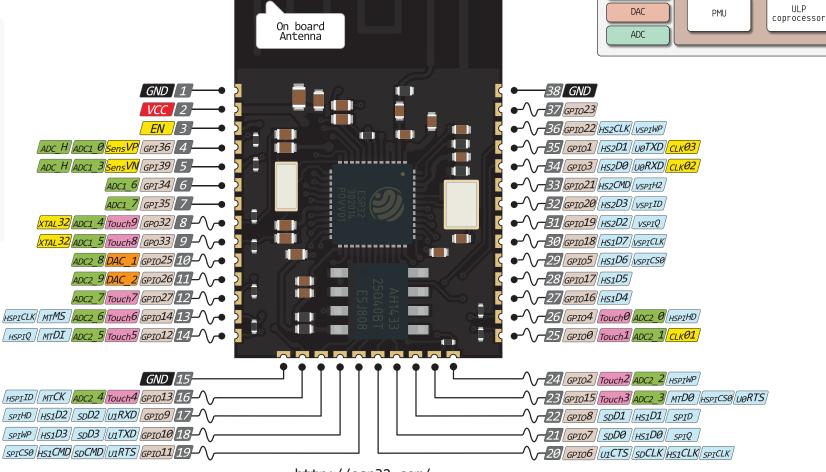
Port Pin

Touch Pin

DAC Pin

 $\neg \nearrow PWM Pin$ 

Absolute MAX per pin 12mA recommended 6mA



Bluetooth link Controller

WiFi MAC

ROM

I2C

IZS

SDIO

UART

CAN

ETH

IR

Temperature Sensor

Touch Sensor

Bluetooth

baseband

WiFi

baseband

SRAM

RTC

ULP

Core and memory

2 x Xtensa® 32bit LX6

Microprocessors

receiver

Clock generator

transmitter

AES

Cryptographic hardware acceleration

RSA

RNG

Recovery

memory