**Pin Definitions**:

* EN – Enable (Active HIGH)
* VP – GPIO36 – ADC CH0
* VN – GPIO39 – ADC CH3
* IO34 – ADC CH6 – INPUT ONLY
* IO35 – ADC CH7 – INPUT ONLY
* IO32 – I/O – ADC CH4 - Touch9
* IO33 – I/O – ADC CH5 – Touch8
* IO25 – I/O – DAC1/ADC CH8
* IO26 – I/O – DAC2/ADC CH9
* IO27 – I/O – ADC2 CH7 – Touch7
* IO14 – I/O – ADC2 CH6 - HSPICLK – Touch6
* IO12 – I/O – ADC2 CH5 – HSPIQ – Touch5
* IO13 – I/O – ADC2 CH4 – HSPIID – Touch4
* IO15 – I/O - ADC2 CH3 – HSPICS0 – Touch3
* IO2 – I/O - ADC2 CH2 – HSPIWP – Touch2
* IO4 – I/O - ADC2 CH0 – HSPIHD – Touch0
* IO16 – I/O – RX2
* IO17 – I/O -TX2
* IO5 – I/O - VSPICSO
* IO18 – I/O – SCK - VSPICLK
* IO19 – I/O – MISO - VSPIQ
* IO21 – I/O – VSPIHD – SDA ---- IMU SDA
* RX0 – I/O - RXD – CLK2
* TX0 – I/O - TXD – CLK3
* IO22 – I/O – VSPIWP – SCL ---- IMU SCL
* IO23 – MOSI -VSPID

