

Pin -- Funcion -- Type -- Description

1 -- D13 -- Digital -- SPI SCK, GPIO

2 -- +3V3 -- Power Out -- Internally generated power output to external devices

3 -- AREF -- Analog -- Analog Reference; can be used as GPIO

4 -- A0 -- Analog -- ADC in; can be used as GPIO

5 -- A1 -- Analog -- ADC in; can be used as GPIO

6 -- A2 -- Analog -- ADC in; can be used as GPIO

7 -- A3 -- Analog -- ADC in; can be used as GPIO

8 -- A4/SDA -- Analog -- ADC in; I2C SDA; Can be used as GPIO

9 -- A5/SCL -- Analog -- ADC in; I2C SCL; Can be used as GPIO

10 -- A6 -- Analog -- ADC in; can be used as GPIO

11 -- A7 -- Analog -- ADC in; can be used as GPIO

12 -- +5V -- Power Out -- Internally generated power output to external devices

13 -- RST -- Digital In -- Active low reset input (duplicate of pin 18)

14 -- GND -- Power -- Power Ground

15 -- VIN -- Power In -- Vin Power input

16 -- TX -- Digital -- USART TX; can be used as GPIO

17 -- RX -- Digital -- USART RX; can be used as GPIO

18 -- RST -- Digital -- Active low reset input (duplicate of pin 13)

19 -- GND -- Power -- Power Ground

20 -- D2 -- Digital -- GPIO

21 -- D3/PWM -- Digital -- GPIO; can be used as PWM

22 -- D4 -- Digital -- GPIO

23 -- D5/PWM -- Digital -- GPIO; can be used as PWM

24 -- D6/PWM -- Digital -- GPIO; can be used as PWM

25 -- D7 -- Digital -- GPIO

26 -- D8 -- Digital -- GPIO

27 -- D9/PWM -- Digital -- GPIO; can be used as PWM

28 -- D10/PWM -- Digital -- GPIO; can be used as PWM

29 -- D11/MOSI -- Digital -- SPI MOSI; can be used as GPIO

30 -- D12/MISO -- Digital -- SPI MISO; can be used as GPIO