

ESP32 PIN Configuration and Functions (Meter SM-FE102M)

ESP32 Pin No	Pin Name	Pin Fuction
4	(SENSOR_VP) GPIO36	DC Input Voltage Sensing
5	(SENSOR_VN) GPIO39	Not Used
6	GPIO34	Not Used
7	GPIO35	Not Used
8	GPIO32	MODE input Switch
9	GPIO33	SET input Switch
10	GPIO25	MCP23017-PORTA Inturrupt Sense
11	GPIO26	MCP23017-PORTB Inturrupt Sense
12	GPIO27	MAX485 TXRX Control pin for MODBUS (RS485)
13	GPIO14	W5500 Eternet MODULE Select
14	GPIO12	Not Used
16	GPIO13	Not Used
23	GPIO15	Not Used
24	GPIO2	Not Used
25	GPIO0	BOOT Enable
26	GPIO4	DHT22 (AM2302) Sensor Data pin
27	GPIO16	MAX485 RO pin (RXD)
28	GPIO17	MAX485 DI pin (TXD)
29	GPIO5	ATM90E36 SPI Chip Select Pin
30	GPIO18	ATM90E36 SPI SCLK
31	GPIO19	ATM90E36 SPI MISO
33	GPIO21	I2C SDA
34	RXD0	Debug/Programming (USB) RX
35	TXD0	Debug/Programming (USB) TX
36	GPIO22	I2C SCL
37	GPIO23	ATM90E36 SPI MOSI