

ESP32 PIN Configuration and Functions (Meter SM-GE3222M)

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