



TEAM-WIREIn. SMART ENERGY METER

M3 SCREW

ESP32-Devkit V1

Antenna

EN
VP
VN
IO4
IO35
IO32
IO33
IO29
IO26
IO27
IO14
IO12
IO13
GND
VIN

IO23
IO22
IO1
IO3
IO21
IO19
IO18
IO5
IO17
IO16
IO4
IO2
IO15
3V3

MP1584

IN-
OUT

IN+
OUT

POWER SWITCH

DC-IN

PLED

1k

100uf

ZMPT101B-MODULE-Voltage Sensor

Gnd
Vcc
Out

ZMPT101B
2mA:2mA

10k
100R
10k
10k

10uf

C2

SC1-013

LED1

LED2

LED3

LED4

RELAY1

RELAY2

RELAY3

RELAY4

AC POWER1

AC POWER2

AC POWER3

AC POWER4

AC POWER-IN(220V)

AC

1

2

3