

ds18b20 Temp sensors

vibrosensor, Hall sensor, reed switch ets. NC

S1 stop alarm registration

PIR sensor SR505

Relay Shield Y1,Y2

MOSFET IRLB8743

CPU1 - ESP32 Wroom

MOSFET IRLB8744

GPS_ATGM336

+3.3V-Rx-Tx-GND
Connect only to
3.3VDC. If 5VDC -
will burned out.

SIM800C

For modem
starting -
connect
PWR+GND

DC-DC 12V to 5V

-5VDC -12VDC

+5VDC +12VDC

3.3	ESP	GND
EN	32	23 Switch
36	WR	22 Switch
39	OO	01
34 - AO	M	03
35 WU1		21
32 WU2		gnd
33-sen1		19 TxAT
25-sen2		18 RxAT
26		05-
27		17 RXgps
14		16 TXgps
12		04 Temp
gnd		0
13		02
cmd		15
5V		CLK

```
#define A0 34
#define TX 19 // to Rx; // GPS: TXgps - 16, RXgps-17.
#define RX 18// to Tx
#define ONE_WIRE_BUS 4
#define relay1 12
#define relay2 13
#define modemSwitch 23 //
#define humansensor 33// connect to 35 - ext1_wakeup
#define vibrosensor 25 // connect to 32 -ext1_wakeup
#define gpsSwitch 22 // GPS start
#define bsignal 15 // security start local button
```