



ESP32

ESP32_NodeMCU_Module_AzDelivery

GPIO34

GPIO35

GPIO32

GPIO33

GPIO25

GPIO26

GPIO27

GPIO14

GPIO12

GPIO13

GPIO15

GPIO2

GPIO0_5k_PullUp_Switch_470

GPIO4

GPIO5

GPIO18

GPIO19

GPIO21

GPIO22

GPIO23

VCC

Vin_5V

GND

ENC_SW

ENC_DT

ENC_CLK

COIL

SDA

SCL

DS3231_Module_AzDelivery

RTC1

SCL

SDA

VCC

GND

SQW

32k

+3.3V

+5V

GND

COIL_Connector1

Screw_Terminal_01x02

COIL

R2

1k

GND

R1

470

D1

1N4148

D2

LED

Q1

IRLML6244

+5V

GND

R2 must be "small" because when booting the pull-up resistor of the ESP32 is briefly active and would unlock the COIL.

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