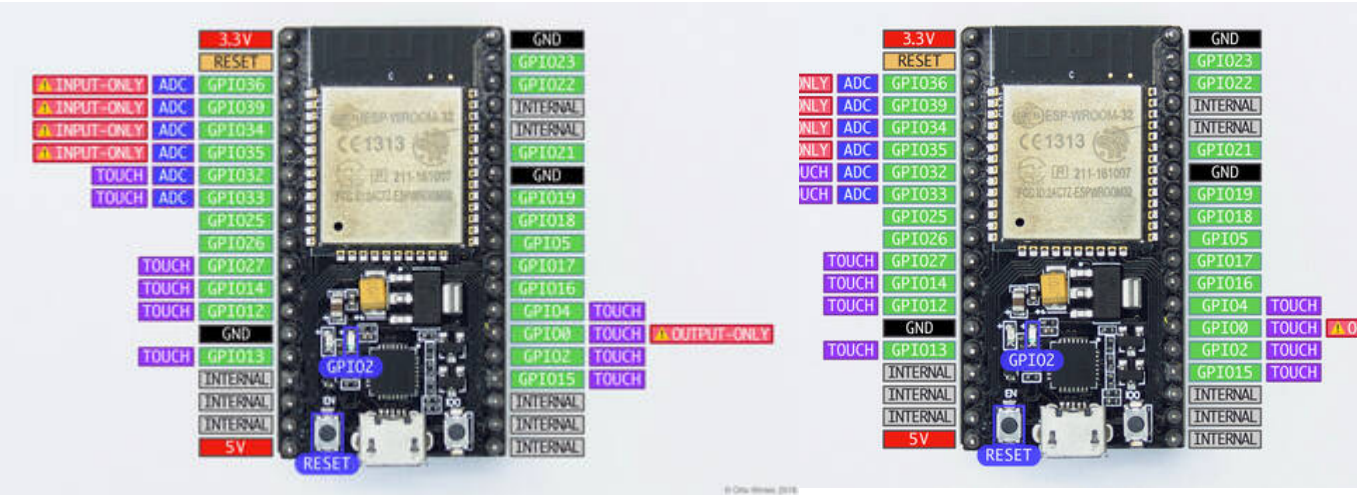


Code, ESP32, Hardware, Nuetzliche Links, NodeMCU

ESP32 NodeMCU

Spezifikation



Technische Daten

Stromversorgungsspannung (USB)	5V
Eingangs-/Ausgangsspannung	3.3V
Benötigter Betriebsstrom	min. 500mA
SoC	ESP32-WROOM 32
Taktfrequenzbereich	80MHz / 240MHz
RAM	512kB
Externer Flash-Speicher	4MB
I/O Pins	34
Schnittstellen	SPI, I2C, I2S, CAN, UART
Wi-Fi Protokolle	802.11 b/g/n (802.11n bis zu 150 Mbps)
Wi-Fi Frequenz	2.4 GHz - 2.5 GHz
Bluetooth	V4.2 - BLE und Classic Bluetooth
Drahtlose Antenne	PCB
Abmessungen	56x28x13mm

Nützliche Links

- [ESPHome NodeMCU ESP32](#)

Code

nodemcu-esp32-01.yaml

```
substitutions:
  devicename: nodemcu-esp32-01
  upper_devicename: NodeMCU ESP32-01

esphome:
  name: $devicename
  friendly_name: $upper_devicename
  on_boot:
    priority: 250.0
    then:
  on_loop:
    then:
      - if:
          condition:
            - not:
                - script.is_running: demo_script
          then:
            - script.execute: demo_script

esp32:
  board: esp32dev
  framework:
    type: arduino

# Enable logging
logger:

packages:
  wifi: !include packages/wifi.yaml
  mqtt: !include packages/mqtt.yaml
  ota: !include packages/ota.yaml

# Enable Home Assistant API
api:

captive_portal:

script:
  id: demo_script
  mode: single
  then:
    - logger.log:
```

```
    format: "Ich bin $upper_devicename"  
  - delay: 1s
```

nodemcu-esp32.yaml

```
substitutions:  
  devicename: nodemcu-esp32  
  upper_devicename: NodeMCU ESP32  
  
esphome:  
  name: $devicename  
  friendly_name: $upper_devicename  
  on_boot:  
    priority: 250.0  
    then:  
  on_loop:  
    then:  
      - if:  
          condition:  
            - not:  
              - script.is_running: demo_script  
          then:  
            - script.execute: demo_script  
  
esp32:  
  board: esp32dev  
  framework:  
    type: arduino  
  
# Enable logging  
logger:  
  
packages:  
  wifi: !include packages/wifi.yaml  
  mqtt: !include packages/mqtt.yaml  
  ota: !include packages/ota.yaml  
  
# Enable Home Assistant API  
api:  
  
captive_portal:  
  
script:  
  id: demo_script  
  mode: single  
  then:  
    - logger.log:  
        format: "Ich bin $upper_devicename"
```

Last update:
25.05.2025

digitales:hardware:esp:esp32_nodemcu https://gatonero.duckdns.org/!digitales/digitales:hardware:esp:esp32_nodemcu

- delay: 1s

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Last update: **25.05.2025**

