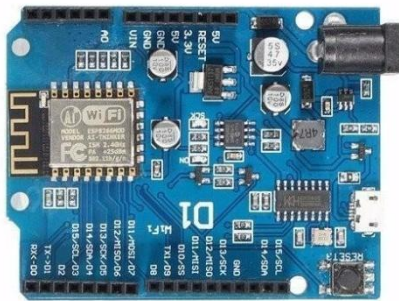


WeMo-Switch-Emulator für Alexa-Echo

Amazon Alexa (Echo) schaltet Smart-Home-Schalter (Belkin WeMo Switch Emulator) :

ALEXA schalte Wohnzimmer Lampe EIN

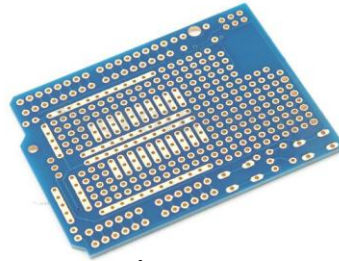
Hardware



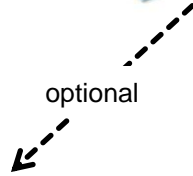
WeMOs D1

+

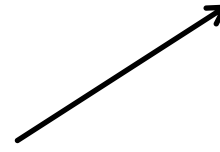
UNO Proto Board



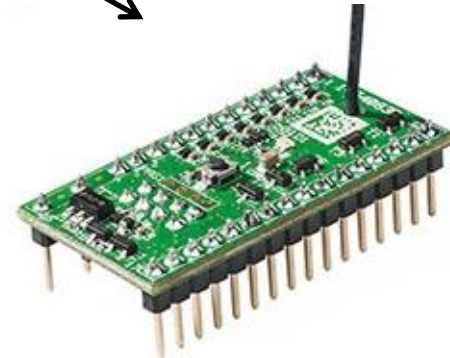
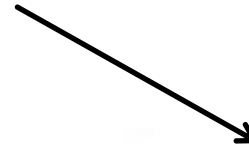
optional



0,9" OLED Display I2C



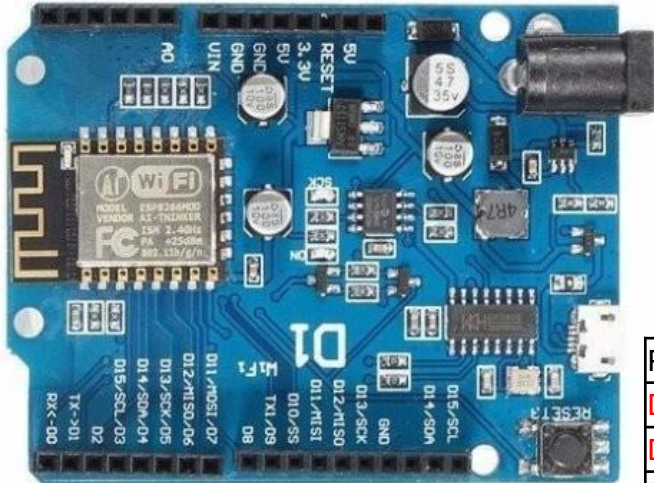
FS20 UART Sender



HomeMatic 8 Kanal Sender

WeMo-Switch-Emulator für Alexa-Echo

WeMos D1 (Clone)



Pins (Uno) D0-D15



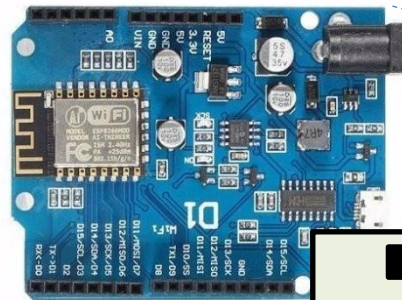
ESP8266 GPIO Pins

Achtung
GPIOs max. 3,3 V

Pin Bezeichnung	Function	ESP-8266 Pin
D0	RX	GPIO3
D1	TX	GPIO1
D2	IO	GPIO16
D3 (D15)	IO, SCL	GPIO5
D4 (D14)	IO, SDA	GPIO4
D5 (D13)	IO, SCK	GPIO14
D6 (D12)	IO, MISO	GPIO12
D7 (D11)	IO, MOSI	GPIO13
D8	IO, Pull-up	GPIO0
D9	IO, Pull-up, BUILTIN_LED	GPIO2
D10	IO, Pull-down,SS	GPIO15
A0	Analog Input	A0

WeMo-Switch-Emulator für Alexa-Echo

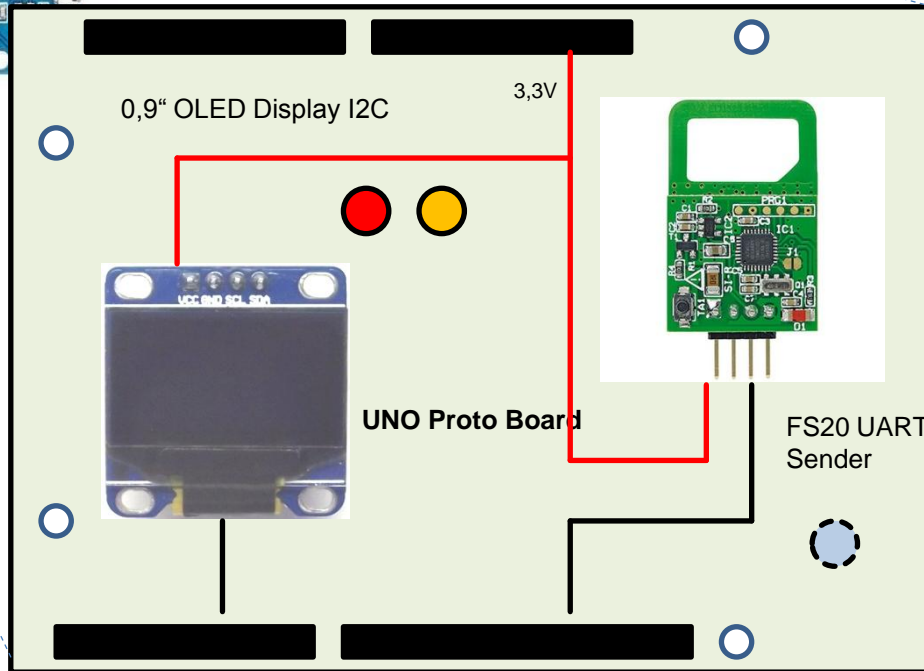
Hardware Version FS20



FS20 UART Pins

TX = D13 = GPIO 14
RX = D12 = GPIO 12

Vin GND GND 5V 3V



OLED Pins

SCL=D3 = GPIO 5
SDA=D4 = GPIO 4

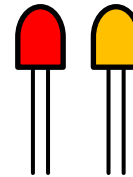
D0.....D7 D8.....D15

Optionale LED

Zyklus = GPIO 2
LED ist on Board

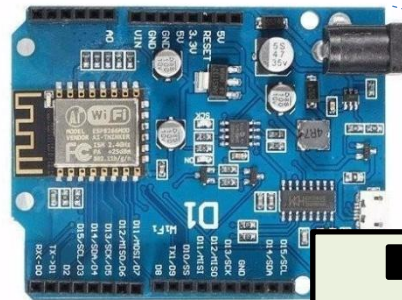
Fehler = GPIO 16

FS20 = GPIO 15

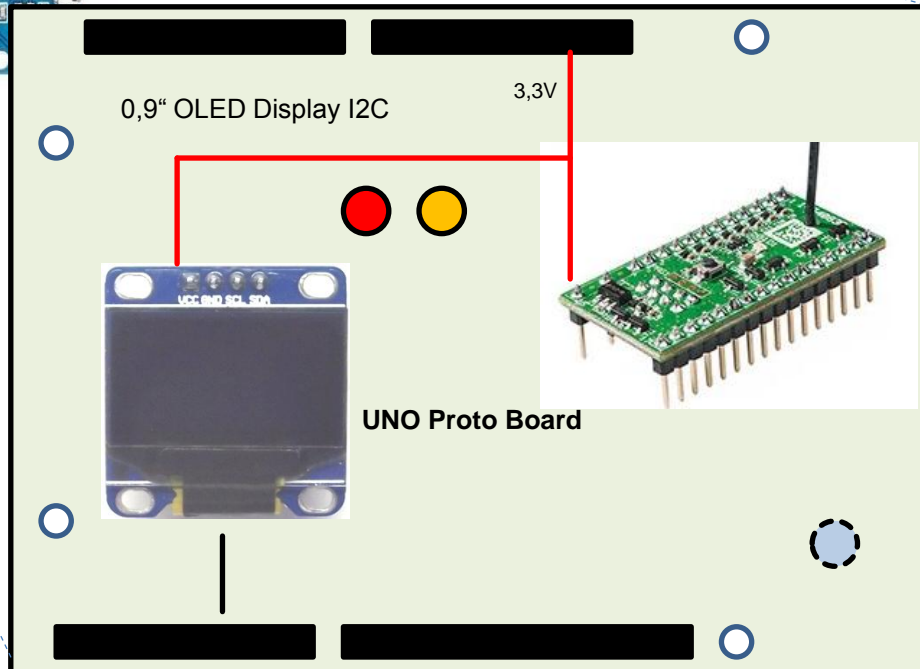


WeMo-Switch-Emulator für Alexa-Echo

Hardware Version HomeMatic



Vin GND GND 5V 3V



HomeMatic Sender:

- GPIO 0 = Schalter 1
- GPIO 2 = Schalter 2
- GPIO 4 = Schalter 3
- GPIO 5 = Schalter 4
- GPIO 12 = Schalter 5
- GPIO 13 = Schalter 6

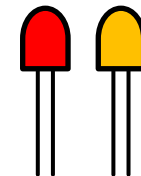
- GPIO 14 = Schalter 7
- GPIO 15 = Schalter 8

Optionale LED

Zyklus = GPIO 2
LEDE ist on Board

Fehler = GPIO 16

FS20 = GPIO 15



Falls weniger Kanäle benötigt werden

Optional OLED Display

OLED Pins

SCL=D3 = GPIO 5
SDA=D4 = GPIO 4

Falls weniger Kanäle benötigt werden

D0.....D7 D8.....D15