Select branch to build from

◉ master ‹› ○ dev ‹› ○ 1.5.4.1-final (frozen, for 512KB flash) ‹› ○ dev-esp32, not yet ‹›

Click the ‹› to verify on GitHub that the selected branch actually contains what you expect it to.

> **Watch-out!** Make sure you understand which SDK you get with a particular NodeMCU version. Double check the release notes and remember that NodeMCU master == latest release. When upgrading familiarize yourself with the upgrade notes in the docs.

Select modules to include

- ☑ ADC 📖
- ☐ ADS1115 📖
- ☐ ADXL345 📖
- ☐ AM2320 📖
- ☐ APA102 📖
- ☑ bit 📖
- ☐ Bloom filter 📖
- ☐ BME280 📖
- ☐ BME680 📖
- ☐ BMP085 📖
- ☐ CoAP 📖
- ☐ color utils 📖
- ☑ Cron 📖
- ☐ crypto 📖
- ☐ DHT 📖
- ☑ DS18B20 📖
- ☐ encoder 📖

- ☑ end user setup 📖
- ☑ file 📖
- ☐ gdbstub 📖
- ☑ GPIO 📖
- ☐ HDC1080 📖
- ☐ HMC5883L 📖
- ☑ HTTP 📖
- ☐ HX711 📖
- ☑ I²C 📖
- ☐ L3G4200D 📖
- ☐ MCP4725 📖
- ☑ mDNS 📖
- ☑ MQTT 📖
- ☑ net 📖
- ☑ node 📖
- ☑ 1-Wire 📖
- ☐ PCM 📖

- ☐ perf 📖
- ☑ PWM 📖
- ☐ RC (no docs) 📖
- ☐ rfswitch 📖
- ☐ rotary 📖
- ☐ RTC fifo 📖
- ☑ RTC mem 📖
- ☑ RTC time 📖
- ☐ Si7021 📖
- ☐ Sigma-delta 📖
- ☐ SJSON 📖
- ☑ SNTP 📖
- ☐ Somfy 📖
- ☑ SPI 📖
- ☐ SQLite 3 📖
- ☐ struct 📖

- ☐ Switec 📖
- ☐ TCS34725 📖
- ☐ TM1829 📖
- ☑ timer 📖
- ☐ TSL2561 📖
- ☑ U8G 📖
- ☑ UART 📖
- ☐ UCG 📖
- ☑ websocket 📖
- ☑ WiFi 📖
- ☐ WiFi monitor 📖
- ☐ WPS 📖
- ☐ WS2801 📖
- ☐ WS2812 📖
- ☐ WS2812 effects 📖
- ☐ XPT2046 📖

U8G options

U8G fonts, ✔ select

font_10x20,font_6x10,font_6x13,font_7x14,font_9x15,font_chikita

keep the font list down to a minimum as to not waste precious heap space

U8G display, I²C

ssd1306_128x64_i2c

U8G display, SPI

ssd1306_128x64_hw_spi

LFS options (currently just for dev) ⌄

Miscellaneous options

☑ TLS/SSL support provided by mbed TLS: TLS 1.0 / 1.1 / 1.2 and most common cipher suites including DH/ECDH (ECDSA-based disabled by default).

☐ debug ON, *turn it on only if you're troubleshooting an issue with NodeMCU developers as it will increase the size of the firmware and decrease its performance*

☐ FatFS support for reading from SD Cards