

Arduino: 1.8.12 (Mac OS X), Board: "Generic ESP8266 Module, 80 MHz, Flash, Legacy (new can return nullptr), All SSL ciphers (most compatible), dtr (aka nodemcu), 26 MHz, 40MHz, DOUT (compatible), 1MB (FS:64KB OTA:~470KB), 2, nonos-sdk 2.2.1+100 (190703), v2 Lower Memory, Disabled, None, Only Sketch, 115200"

```
/Applications/Arduino.app/Contents/Java/arduino-builder -dump-prefs -
logger=machine -hardware /Applications/Arduino.app/Contents/Java/hardware
-hardware /Users/patrickpuxley/Library/Arduino15/packages -tools /
Applications/Arduino.app/Contents/Java/tools-builder -tools /Applications/
Arduino.app/Contents/Java/hardware/tools/avr -tools /Users/patrickpuxley/
Library/Arduino15/packages -built-in-libraries /Applications/Arduino.app/
Contents/Java/libraries -libraries /Users/patrickpuxley/Documents/Arduino/
libraries -
fqbn=esp8266:esp8266:generic:xtal=80,vt=flash,exception=legacy,ssl=all,Res
etMethod=nodemcu,CrystalFreq=26,FlashFreq=40,FlashMode=dout,eesz=1M6
4,led=2,sdk=nonosdk_190703,ip=lm2f,dbg=Disabled,lvl=None____,wipe=none,b
aud=115200 -vid-pid=0403_6001 -ide-version=10812 -build-path /var/folders/
y/_9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885 -
warnings=none -build-cache /var/folders/y/_
9chs18h55j390mhm331zzh280000gn/T/arduino_cache_41493 -
prefs=build.warn_data_percentage=75 -prefs=runtime.tools.xtensa-lx106-elf-
gcc.path=/Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/
xtensa-lx106-elf-gcc/2.5.0-4-b40a506 -prefs=runtime.tools.xtensa-lx106-elf-
gcc-2.5.0-4-b40a506.path=/Users/patrickpuxley/Library/Arduino15/packages/
esp8266/tools/xtensa-lx106-elf-gcc/2.5.0-4-b40a506 -
prefs=runtime.tools.mkspiffs.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/mkspiffs/2.5.0-4-b40a506 -
prefs=runtime.tools.mkspiffs-2.5.0-4-b40a506.path=/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/tools/mkspiffs/2.5.0-4-b40a506 -
prefs=runtime.tools.python3.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/python3/3.7.2-post1 -
prefs=runtime.tools.python3-3.7.2-post1.path=/Users/patrickpuxley/Library/
Arduino15/packages/esp8266/tools/python3/3.7.2-post1 -
prefs=runtime.tools.mklittlefs.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/mklittlefs/2.5.0-4-69bd9e6 -
prefs=runtime.tools.mklittlefs-2.5.0-4-69bd9e6.path=/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/tools/mklittlefs/2.5.0-4-69bd9e6 -
verbose /Users/patrickpuxley/Library/Arduino15/packages/esp8266/hardware/
esp8266/2.6.3/libraries/esp8266/examples/Blink/Blink.ino
/Applications/Arduino.app/Contents/Java/arduino-builder -compile -
logger=machine -hardware /Applications/Arduino.app/Contents/Java/hardware
-hardware /Users/patrickpuxley/Library/Arduino15/packages -tools /
Applications/Arduino.app/Contents/Java/tools-builder -tools /Applications/
```

```

Arduino.app/Contents/Java/hardware/tools/avr -tools /Users/patrickpuxley/
Library/Arduino15/packages -built-in-libraries /Applications/Arduino.app/
Contents/Java/libraries -libraries /Users/patrickpuxley/Documents/Arduino/
libraries -
fqbn=esp8266:esp8266:generic:xtal=80,vt=flash,exception=legacy,ssl=all,Res
etMethod=nodemcu,CrystalFreq=26,FlashFreq=40,FlashMode=dout,eesz=1M6
4,led=2,sdk=nonosdk_190703,ip=lm2f,dbg=Disabled,lvl=None____,wipe=none,b
aud=115200 -vid-pid=0403_6001 -ide-version=10812 -build-path /var/folders/
y_/9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885 -
warnings=none -build-cache /var/folders/y_/
9chs18h55j390mhm331zzh280000gn/T/arduino_cache_41493 -
prefs=build.warn_data_percentage=75 -prefs=runtime.tools.xtensa-lx106-elf-
gcc.path=/Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/
xtensa-lx106-elf-gcc/2.5.0-4-b40a506 -prefs=runtime.tools.xtensa-lx106-elf-
gcc-2.5.0-4-b40a506.path=/Users/patrickpuxley/Library/Arduino15/packages/
esp8266/tools/xtensa-lx106-elf-gcc/2.5.0-4-b40a506 -
prefs=runtime.tools.mkspiffs.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/mkspiffs/2.5.0-4-b40a506 -
prefs=runtime.tools.mkspiffs-2.5.0-4-b40a506.path=/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/tools/mkspiffs/2.5.0-4-b40a506 -
prefs=runtime.tools.python3.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/python3/3.7.2-post1 -
prefs=runtime.tools.python3-3.7.2-post1.path=/Users/patrickpuxley/Library/
Arduino15/packages/esp8266/tools/python3/3.7.2-post1 -
prefs=runtime.tools.mklittlefs.path=/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/tools/mklittlefs/2.5.0-4-69bd9e6 -
prefs=runtime.tools.mklittlefs-2.5.0-4-69bd9e6.path=/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/tools/mklittlefs/2.5.0-4-69bd9e6 -
verbose /Users/patrickpuxley/Library/Arduino15/packages/esp8266/hardware/
esp8266/2.6.3/libraries/esp8266/examples/Blink/Blink.ino
Using board 'generic' from platform in folder: /Users/patrickpuxley/Library/
Arduino15/packages/esp8266/hardware/esp8266/2.6.3
Using core 'esp8266' from platform in folder: /Users/patrickpuxley/Library/
Arduino15/packages/esp8266/hardware/esp8266/2.6.3
Detecting libraries used...
/Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/xtensa-lx106-
elf-gcc/2.5.0-4-b40a506/bin/xtensa-lx106-elf-g++ -D__ets__ -DICACHE_FLASH
-U__STRICT_ANSI__ -I/Users/patrickpuxley/Library/Arduino15/packages/
esp8266/hardware/esp8266/2.6.3/tools/sdk/include -I/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/hardware/esp8266/2.6.3/tools/sdk/lwip2/
include -I/Users/patrickpuxley/Library/Arduino15/packages/esp8266/hardware/
esp8266/2.6.3/tools/sdk/libc/xtensa-lx106-elf/include -I/var/folders/y_/
9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885/core -c -w -Os
-g -mlongcalls -mtext-section-literals -fno-rtti -falign-functions=4 -std=gnu+
+11 -ffunction-sections -fdata-sections -fno-exceptions -w -x c++ -E -CC -
DNONOSDK22x_190703=1 -DF_CPU=80000000L -DLWIP_OPEN_SRC -

```

```
DTCP_MSS=536 -DLWIP_FEATURES=1 -DLWIP_IPV6=0 -DARDUINO=10812 -
DARDUINO_ESP8266_GENERIC -DARDUINO_ARCH_ESP8266 "-
DARDUINO_BOARD=\"ESP8266_GENERIC\" -DLED_BUILTIN=2 -
DFLASHMODE_DOUT -DESP8266 -I/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/hardware/esp8266/2.6.3/cores/esp8266 -I/Users/
patrickpuxley/Library/Arduino15/packages/esp8266/hardware/esp8266/2.6.3/
variants/generic /var/folders/y_/9chs18h55j390mhm331zzh280000gn/T/
arduino_build_469885/sketch/Blink.ino.cpp -o /dev/null
Generating function prototypes...
/Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/xtensa-lx106-
elf-gcc/2.5.0-4-b40a506/bin/xtensa-lx106-elf-g++ -D__ets__ -DICACHE_FLASH
-U__STRICT_ANSI__ -I/Users/patrickpuxley/Library/Arduino15/packages/
esp8266/hardware/esp8266/2.6.3/tools/sdk/include -I/Users/patrickpuxley/
Library/Arduino15/packages/esp8266/hardware/esp8266/2.6.3/tools/sdk/lwip2/
include -I/Users/patrickpuxley/Library/Arduino15/packages/esp8266/hardware/
esp8266/2.6.3/tools/sdk/libc/xtensa-lx106-elf/include -I/var/folders/y_/
9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885/core -c -w -Os
-g -mlongcalls -mtext-section-literals -fno-rtti -falign-functions=4 -std=gnu+
+11 -ffunction-sections -fdata-sections -fno-exceptions -w -x c++ -E -CC -
DNONOSDK22x_190703=1 -DF_CPU=80000000L -DLWIP_OPEN_SRC -
DTCP_MSS=536 -DLWIP_FEATURES=1 -DLWIP_IPV6=0 -DARDUINO=10812 -
DARDUINO_ESP8266_GENERIC -DARDUINO_ARCH_ESP8266 "-
DARDUINO_BOARD=\"ESP8266_GENERIC\" -DLED_BUILTIN=2 -
DFLASHMODE_DOUT -DESP8266 -I/Users/patrickpuxley/Library/Arduino15/
packages/esp8266/hardware/esp8266/2.6.3/cores/esp8266 -I/Users/
patrickpuxley/Library/Arduino15/packages/esp8266/hardware/esp8266/2.6.3/
variants/generic /var/folders/y_/9chs18h55j390mhm331zzh280000gn/T/
arduino_build_469885/sketch/Blink.ino.cpp -o /var/folders/y_/
9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885/preproc/
ctags_target_for_gcc_minus_e.cpp
/Applications/Arduino.app/Contents/Java/tools-builder/ctags/5.8-arduino11/
ctags -u --language-force=c++ -f - --c++-kinds=svpf --fields=KSTtzns --line-
directives /var/folders/y_/9chs18h55j390mhm331zzh280000gn/T/
arduino_build_469885/preproc/ctags_target_for_gcc_minus_e.cpp
Compiling sketch...
/Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/python3/3.7.2-
post1/python3 /Users/patrickpuxley/Library/Arduino15/packages/esp8266/
hardware/esp8266/2.6.3/tools/signing.py --mode header --publickey /Users/
patrickpuxley/Library/Arduino15/packages/esp8266/hardware/esp8266/2.6.3/
libraries/esp8266/examples/Blink/public.key --out /var/folders/y_/
9chs18h55j390mhm331zzh280000gn/T/arduino_build_469885/core/
Updater_Signing.h
fork/exec /Users/patrickpuxley/Library/Arduino15/packages/esp8266/tools/
python3/3.7.2-post1/python3: no such file or directory
Error compiling for board Generic ESP8266 Module.
```

