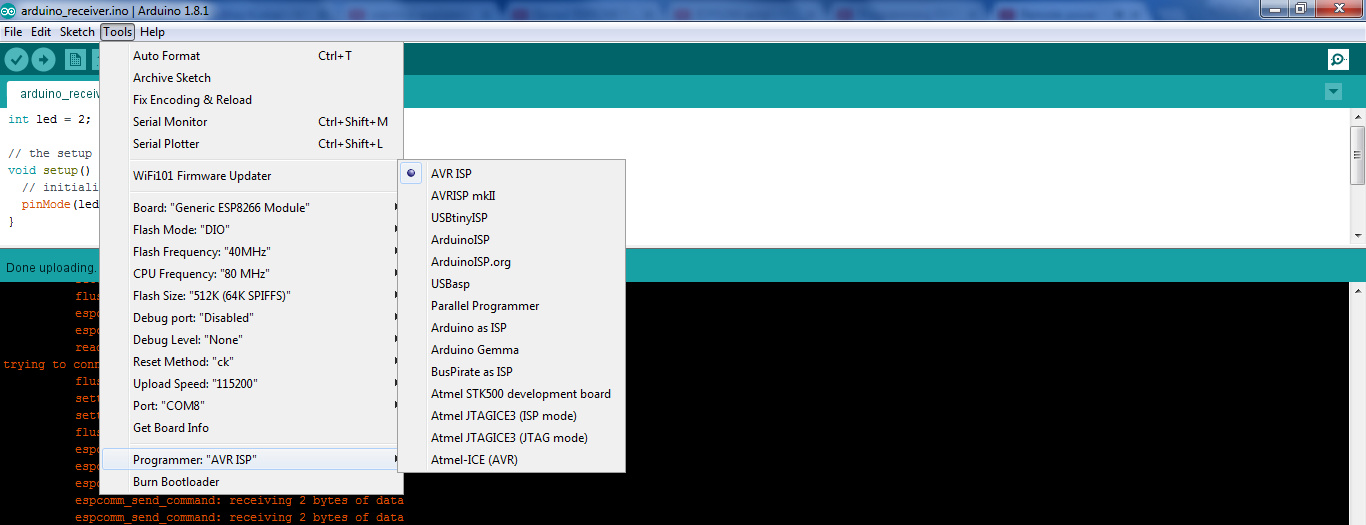
First successful ESP8266 flashing with Arduino

Settings-



Hardware:

1. Give VCC supply to the board and immediately remove GPIO0 from ground to open.

Start flashing :

Code:

int led = 2;

// the setup routine runs once when you press reset:

void setup() {

// initialize the digital pin as an output.

pinMode(led, OUTPUT);

}

// the loop routine runs over and over again forever:

void loop() {

digitalWrite(led, HIGH); // turn the LED on (HIGH is the voltage level)

delay(1000); // wait for a second // wait for a second

}

Logs –

D:\Program Files (x86)\Arduino\arduino-builder -dump-prefs -logger=machine -hardware D:\Program Files (x86)\Arduino\hardware -hardware C:\Users\Abhi\AppData\Local\Arduino15\packages -tools D:\Program Files (x86)\Arduino\tools-builder -tools D:\Program Files (x86)\Arduino\hardware\tools\avr -tools C:\Users\Abhi\AppData\Local\Arduino15\packages -built-in-libraries D:\Program Files (x86)\Arduino\libraries -libraries C:\Users\Abhi\Documents\Arduino\libraries -fqbn=esp8266:esp8266:generic:CpuFrequency=80,FlashFreq=40,FlashMode=dio,UploadSpeed=115200,FlashSize=512K64,ResetMethod=ck,Debug=Disabled,DebugLevel=None\_\_\_\_ -ide-version=10801 -build-path C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548 -warnings=none -prefs=build.warn\_data\_percentage=75 -prefs=runtime.tools.esptool.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\esptool\0.4.9 -prefs=runtime.tools.mkspiffs.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\mkspiffs\0.1.2 -prefs=runtime.tools.xtensa-lx106-elf-gcc.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2 -verbose C:\Users\Abhi\Desktop\arduino\_receiver\arduino\_receiver.ino\arduino\_receiver.ino.ino

D:\Program Files (x86)\Arduino\arduino-builder -compile -logger=machine -hardware D:\Program Files (x86)\Arduino\hardware -hardware C:\Users\Abhi\AppData\Local\Arduino15\packages -tools D:\Program Files (x86)\Arduino\tools-builder -tools D:\Program Files (x86)\Arduino\hardware\tools\avr -tools C:\Users\Abhi\AppData\Local\Arduino15\packages -built-in-libraries D:\Program Files (x86)\Arduino\libraries -libraries C:\Users\Abhi\Documents\Arduino\libraries -fqbn=esp8266:esp8266:generic:CpuFrequency=80,FlashFreq=40,FlashMode=dio,UploadSpeed=115200,FlashSize=512K64,ResetMethod=ck,Debug=Disabled,DebugLevel=None\_\_\_\_ -ide-version=10801 -build-path C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548 -warnings=none -prefs=build.warn\_data\_percentage=75 -prefs=runtime.tools.esptool.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\esptool\0.4.9 -prefs=runtime.tools.mkspiffs.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\mkspiffs\0.1.2 -prefs=runtime.tools.xtensa-lx106-elf-gcc.path=C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2 -verbose C:\Users\Abhi\Desktop\arduino\_receiver\arduino\_receiver.ino\arduino\_receiver.ino.ino

Using board 'generic' from platform in folder: C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0

Using core 'esp8266' from platform in folder: C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0

Detecting libraries used...

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-g++" -D\_\_ets\_\_ -DICACHE\_FLASH -U\_\_STRICT\_ANSI\_\_ "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/include" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/lwip/include" "-IC:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/core" -c -w -Os -g -mlongcalls -mtext-section-literals -fno-exceptions -fno-rtti -falign-functions=4 -std=c++11 -ffunction-sections -fdata-sections -w -x c++ -E -CC -DF\_CPU=80000000L -DLWIP\_OPEN\_SRC -DARDUINO=10801 -DARDUINO\_ESP8266\_ESP01 -DARDUINO\_ARCH\_ESP8266 -DARDUINO\_BOARD="ESP8266\_ESP01" -DESP8266 "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\cores\esp8266" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\variants\generic" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\sketch\arduino\_receiver.ino.ino.cpp" -o "nul"

Generating function prototypes...

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-g++" -D\_\_ets\_\_ -DICACHE\_FLASH -U\_\_STRICT\_ANSI\_\_ "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/include" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/lwip/include" "-IC:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/core" -c -w -Os -g -mlongcalls -mtext-section-literals -fno-exceptions -fno-rtti -falign-functions=4 -std=c++11 -ffunction-sections -fdata-sections -w -x c++ -E -CC -DF\_CPU=80000000L -DLWIP\_OPEN\_SRC -DARDUINO=10801 -DARDUINO\_ESP8266\_ESP01 -DARDUINO\_ARCH\_ESP8266 -DARDUINO\_BOARD="ESP8266\_ESP01" -DESP8266 "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\cores\esp8266" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\variants\generic" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\sketch\arduino\_receiver.ino.ino.cpp" -o "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\preproc\ctags\_target\_for\_gcc\_minus\_e.cpp"

"D:\Program Files (x86)\Arduino\tools-builder\ctags\5.8-arduino11/ctags" -u --language-force=c++ -f - --c++-kinds=svpf --fields=KSTtzns --line-directives "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\preproc\ctags\_target\_for\_gcc\_minus\_e.cpp"

Compiling sketch...

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-g++" -D\_\_ets\_\_ -DICACHE\_FLASH -U\_\_STRICT\_ANSI\_\_ "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/include" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/lwip/include" "-IC:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/core" -c -w -Os -g -mlongcalls -mtext-section-literals -fno-exceptions -fno-rtti -falign-functions=4 -std=c++11 -MMD -ffunction-sections -fdata-sections -DF\_CPU=80000000L -DLWIP\_OPEN\_SRC -DARDUINO=10801 -DARDUINO\_ESP8266\_ESP01 -DARDUINO\_ARCH\_ESP8266 -DARDUINO\_BOARD="ESP8266\_ESP01" -DESP8266 "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\cores\esp8266" "-IC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0\variants\generic" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\sketch\arduino\_receiver.ino.ino.cpp" -o "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\sketch\arduino\_receiver.ino.ino.cpp.o"

Compiling libraries...

Compiling core...

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cont.S.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cont\_util.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_eboot\_command.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_flash\_utils.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_i2s.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_noniso.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_phy.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_postmortem.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_si2c.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_timer.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_analog.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_digital.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_pulse.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_pwm.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_shift.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\heap.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libc\_replacements.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\time.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\uart.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libb64\cdecode.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libb64\cencode.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_cache.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_check.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_gc.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_hydrogen.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_nucleus.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\umm\_malloc\umm\_malloc.c.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Esp.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\FS.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\HardwareSerial.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\IPAddress.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\MD5Builder.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Print.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Schedule.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Stream.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\StreamString.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Tone.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Updater.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\WMath.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\WString.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\abi.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\base64.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cbuf.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_main.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\debug.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\pgmspace.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\_api.cpp.o

Using previously compiled file: C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\_hal.cpp.o

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cont.S.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cont\_util.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_eboot\_command.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_flash\_utils.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_i2s.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_noniso.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_phy.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_postmortem.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_si2c.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_timer.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_analog.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_digital.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_pulse.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_pwm.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_wiring\_shift.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\heap.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libc\_replacements.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\time.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\uart.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libb64\cdecode.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\libb64\cencode.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_cache.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_check.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_gc.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_hydrogen.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\spiffs\_nucleus.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\umm\_malloc\umm\_malloc.c.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Esp.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\FS.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\HardwareSerial.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\IPAddress.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\MD5Builder.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Print.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Schedule.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Stream.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\StreamString.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Tone.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\Updater.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\WMath.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\WString.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\abi.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\base64.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\cbuf.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\core\_esp8266\_main.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\debug.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\pgmspace.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\_api.cpp.o"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-ar" cru "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\core\spiffs\_hal.cpp.o"

Linking everything together...

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\xtensa-lx106-elf-gcc\1.20.0-26-gb404fb9-2/bin/xtensa-lx106-elf-gcc" -g -w -Os -nostdlib -Wl,--no-check-sections -u call\_user\_start -Wl,-static "-LC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/lib" "-LC:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/tools/sdk/ld" "-Teagle.flash.512k64.ld" -Wl,--gc-sections -Wl,-wrap,system\_restart\_local -Wl,-wrap,register\_chipv6\_phy -o "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino\_receiver.ino.ino.elf" -Wl,--start-group "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548\sketch\arduino\_receiver.ino.ino.cpp.o" "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino.ar" -lm -lgcc -lhal -lphy -lpp -lnet80211 -lwpa -lcrypto -lmain -lwps -laxtls -lsmartconfig -lmesh -lwpa2 -llwip\_gcc -lstdc++ -Wl,--end-group "-LC:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548"

"C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\esptool\0.4.9/esptool.exe" -eo "C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\hardware\esp8266\2.3.0/bootloaders/eboot/eboot.elf" -bo "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino\_receiver.ino.ino.bin" -bm dio -bf 40 -bz 512K -bs .text -bp 4096 -ec -eo "C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino\_receiver.ino.ino.elf" -bs .irom0.text -bs .text -bs .data -bs .rodata -bc -ec

Sketch uses 222205 bytes (51%) of program storage space. Maximum is 434160 bytes.

Global variables use 31580 bytes (38%) of dynamic memory, leaving 50340 bytes for local variables. Maximum is 81920 bytes.

C:\Users\Abhi\AppData\Local\Arduino15\packages\esp8266\tools\esptool\0.4.9/esptool.exe -vv -cd ck -cb 115200 -cp COM8 -ca 0x00000 -cf C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino\_receiver.ino.ino.bin

esptool v0.4.9 - (c) 2014 Ch. Klippel <ck@atelier-klippel.de>

setting board to ck

setting baudrate from 115200 to 115200

setting port from COM1 to COM8

setting address from 0x00000000 to 0x00000000

espcomm\_upload\_file

espcomm\_upload\_mem

setting serial port timeouts to 1000 ms

opening bootloader

resetting board

trying to connect

flush start

setting serial port timeouts to 1 ms

setting serial port timeouts to 1000 ms

flush complete

espcomm\_send\_command: sending command header

espcomm\_send\_command: sending command payload

read 0, requested 1

trying to connect

flush start

setting serial port timeouts to 1 ms

setting serial port timeouts to 1000 ms

flush complete

espcomm\_send\_command: sending command header

espcomm\_send\_command: sending command payload

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

espcomm\_send\_command: receiving 2 bytes of data

Uploading 226352 bytes from C:\Users\Abhi\AppData\Local\Temp\arduino\_build\_637548/arduino\_receiver.ino.ino.bin to flash at 0x00000000

erasing flash

size: 037430 address: 000000

first\_sector\_index: 0

total\_sector\_count: 56

head\_sector\_count: 16

adjusted\_sector\_count: 40

erase\_size: 028000

espcomm\_send\_command: sending command header

espcomm\_send\_command: sending command payload

setting serial port timeouts to 15000 ms

setting serial port timeouts to 1000 ms

espcomm\_send\_command: receiving 2 bytes of data

writing flash

................................................................................ [ 36% ]

................................................................................ [ 72% ]

.............................................................. [ 100% ]

starting app without reboot

espcomm\_send\_command: sending command header

espcomm\_send\_command: sending command payload

espcomm\_send\_command: receiving 2 bytes of data

closing bootloader

flush start

setting serial port timeouts to 1 ms

setting serial port timeouts to 1000 ms

flush complete