


Blue Pill con Arduino IDE

1. scaricare e installare STM32 CubeProgrammer: <https://www.st.com/en/development-tools/stm32cubeprog.html>
2. aggiornare eventualmente il fw di STlink
3. aggiungere questo link: https://github.com/stm32duino/BoardManagerFiles/raw/main/package_stmicroelectronics_index.json in Preferences e installare(vedi immagine sotto)
4. selezionare BluePill F103C8 - select USB support (if available): "CDC (generic 'Serial' supersede U(S)ART)"
5. apri lo schizzo Esempi → Base → Blink
6. scegliere STM32CubeProgrammer (SWD) come metodo di caricamento
7. Collegare l'ST-Link al "BluePill"
8. Caricare lo schizzo



SetupSTM32CubeMX-6.11.0-Win

SetupSTM32CubeProgrammer_win64

exe

exe

571.259.304

250.179.464

Additional Boards Manager URLs

Enter additional URLs, one for each row

https://github.com/stm32duino/BoardManagerFiles/raw/main/package_stmicroelectronics_index.json

Click for a list of unofficial boards support URLs

OK

Cancel

Boards Manager

TypeAll

stm32

STM32 MCU based boards

by STMicroelectronics version 2.7.1 INSTALLED

Boards included in this package:
Nucleo-144, Nucleo-64, Nucleo-32, Discovery, Eval, STM32MP1 series coprocessor, Generic STM32C0 series, Generic STM32F0 series, Generic STM32F1 series, Generic STM32F2 series, Generic STM32F3 series, Generic STM32F4 series, Generic STM32F7 series, Generic STM32G0 series, Generic STM32G4 series, Generic STM32H5 series, Generic STM32H7 Series, Generic STM32L0 series, Generic STM32L1 series, Generic STM32L4 series, Generic STM32L5 series, Generic STM32U5 series, Generic STM32WB series, Generic STM32WL series, 3D printer boards, Blues Wireless boards, Elegator boards, Electronic speed controllers, Garatronic-McHobby, Generic Flight Controllers, IoT continuum boards, LoRa boards, Midatronics boards, SparkFun Boards.
[Online Help](#)
[More Info](#)

Select version

Install

Remove

Library Manager

TypeAll

TopicAll

safestring

SafeString

by Matthew Ford Version 4.1.31 INSTALLED

A Safe, Static String library to replace Arduino String, plus non-blocking Serial I/O, I/O buffering, loopTimer and millisDelay
See README.md for revision notes. This library implements Safe (static) Strings which never cause reboots and has extensive debugging messages. Includes SafeStringReader: non-blocking tokenizing text reader, BufferedOutput: non-blocking text output, BufferedInput: extra buffering for text input, loopTimer: track of the maximum and average run times for the loop, PinFlasher: non-blocking flashing on an output Pin and millisDelay: a non-blocking delay, with single-shot, repeating, restart and stop facilities.
[More info](#)

Select version

Install

Tools

Help

Auto Format

Ctrl+T

Archive Sketch

Fix Encoding & Reload

Manage Libraries...

Ctrl+Shift+I

Serial Monitor

Ctrl+Shift+M

Serial Plotter

Ctrl+Shift+L

WiFi101 / Wi-FiNINA Firmware Updater

Board: "Generic STM32F1 series"

Board part number: "BluePill F103C8"

U(S)ART support: "Enabled (generic 'Serial')"

USB support (if available): "CDC (generic 'Serial' supersede U(S)ART)"

USB speed (if available): "Low/Full Speed"

Optimize: "Smallest (-Os default)"

Debug symbols and core logs: "None"

C Runtime Library: "Newlib Nano (default)"

Upload method: "STM32CubeProgrammer (SWD)"

Port

Get Board Info

Programmer

Burn Bootloader