

C Project

Create C project of selected type

Project name: TestStdPeri

☒ Use default location

Location: D:\work\STM32\TestStdPeri

Browse...

Choose file system: default

Project type:

GNU Autotools

Executable

Empty Project

Hello World ANSI C Project

Ac6 STM32 MCU Project

Shared Library

Static Library

Makefile project

Toolchains:

Ac6 STM32 MCU GCC

☒ Show project types and toolchains only if they are supported on the platform

Next >

Finish

Cancel

Select Configurations

Select platforms and configurations you wish to deploy on

Project type: Executable

Toolchains: Ac6 STM32 MCU GCC

Configurations:

☒ Debug

☒ Release

Select all

Deselect all

Advanced settings...

Use "Advanced settings" button to edit project's properties.

Additional configurations can be added after project creation.

Use "Manage configurations" buttons either on toolbar or on property pages.

Next >

Finish

Cancel

Target Configuration

Select either the mcu or the board target and configurations

Mcu

Board

☒ Show ST Discovery boards

☒ Show ST EVAL boards

☒ Show ST NUCLEO boards

☒ Show custom boards

Series: STM32F4

Board: STM32F4DISCOVERY

Create a new custom board

Remove this custom board

Mcu

Core

Package

Memory 'RAM'

Memory 'ROM'

STM32F407VGTx

ARM Cortex-M4

LQFP100

Size 0x20000 (@0x20000000)

Size 0x100000 (@0x8000000)

Finish

Cancel

☒ No firmware

☐ Don't generate startup files

Standard Peripheral Library (StdPeriph)

Hardware Abstraction Layer (Cube HAL)

Download target firmware

See 'Firmware Installation' for settings related to firmware installation

☐ Extract all firmware in separate folder

☒ Add low level drivers in the project

As sources in the application project

As static external libraries

Additional drivers

Additional utilities and third-party utilities:

You may have to make manual adjustments for third party utilities

Finish

Cancel

☐ No firmware

☒ Standard Peripheral Library (StdPeriph)

☐ Hardware Abstraction Layer (Cube HAL)

Download target firmware

See 'Firmware Installation' for settings related to firmware installation

☐ Extract all firmware in separate folder

☐ Add low level drivers in the project

As sources in the application project

As static external libraries

Additional drivers

Additional utilities and third-party utilities:

You may have to make manual adjustments for third party utilities

Next >

Finish

Cancel

☐ No firmware

☐ Standard Peripheral Library (StdPeriph)

☒ Hardware Abstraction Layer (Cube HAL)

Firmware 'STM32Cube FW F4 V1.17.0' has been found.

Download target firmware

See 'Firmware Installation' for settings related to firmware installation

☐ Extract all firmware in separate folder

☒ Add low level drivers in the project

As sources in the application project

As static external libraries

Additional drivers

Additional utilities and third-party utilities:

You may have to make manual adjustments for third party utilities

Finish

Cancel

type filter text

General

C/C++

ChangeLog

Help

Install/Update

Library Hover

Maven

Mylyn

Oomph

Remote Development

Remote Systems

RPM

Run/Debug

System Workbench

Build

File Association

Firmware Installation

Team

Terminal

Tracing

Validation

XML

Firmware Installation

System Workbench general settings for STM32 Firmware Installation

☒ Enable STM32 tool(s) firmware installation repository(ies) sharing helper

Firmware installation repository(ies)

\AppData\Roaming\Ac6\SW4STM32\firmwares

New...

Remove

Up

Down

Notes: Next firmware installations will occur within the first directory

Prior to any installation, the firmware presence will be checked within all listed directory(ies)

Remote firmware repository connection setup

☐ Limit number of simultaneous connections

Maximum number of connections: 4

See 'Network Connections' for settings related to network connections

Remote firmware repository connection test

Connection state: -

Average access speed: -

Max access speed: -

Test

Restore Defaults

Apply

OK

Cancel

STM32Cube_FW_F4_V1.16.0	31.10.2017 23:53	
STM32Cube_FW_F4_V1.17.0	01.11.2017 00:18	
STM32F4-Discovery_FW_V1.1.0	28.10.2011 11:38	
stm32cube_fw_f4_v1170.zip	01.11.2017 00:15	428.688 KB
STM32CubeF4.zip	09.10.2017 16:43	404.658 KB
stsw-stm32068.zip	01.11.2017 09:32	32.269 KB

- .tmp_STM32FirmwareInstall_1340979393576841498
- STM32Cube_FW_F4_V1.16.0
- STM32Cube_FW_F4_V1.17.0
- STM32F4-Discovery_FW_V1.1.0
- stm32cube_fw_f4_v1170.zip
- STM32CubeF4.zip
- stsw-stm32068.zip

Firmware Installation Process Issue

Not able to establish connection to remote host !

Have you tried to revisit network connections preferences settings ?

OK

Information

No updates were found in available software sites.

OK