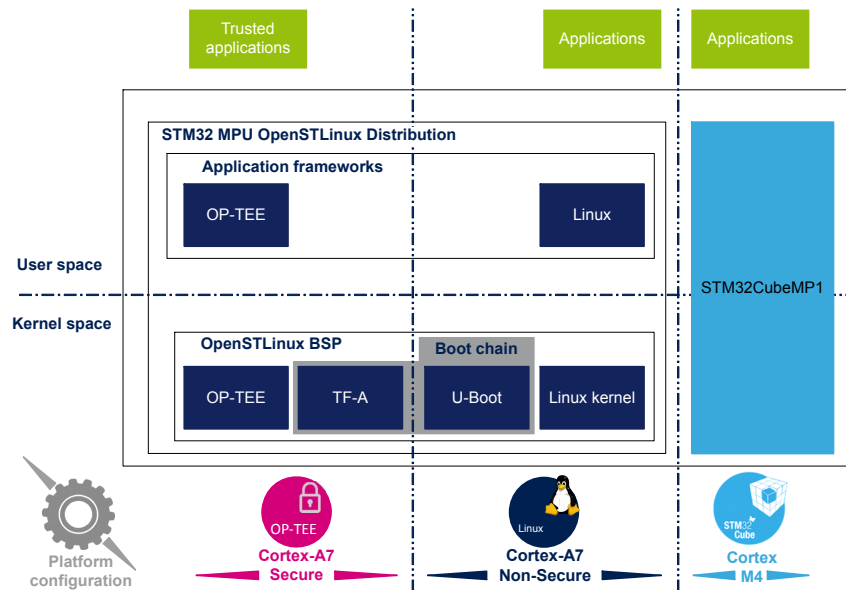


STM32CubeMP1 embedded software for STM32MP1 Series



Product status link

[STM32CubeMP1](#)


Features

- **STM32CubeMP1** consists of:
 - The hardware abstraction layer (HAL), enabling portability between different STM32 devices via standardized API calls
 - The low-layer API (LL), a light-weight, optimized, expert oriented set of APIs designed for runtime efficiency and so enhanced performance
 - A collection of middleware components (such as Freestones and Open Amp)
 - A collection of examples, running on STM32MP15xx-EV1 Evaluation boards and STM32MP15xx-DKx Discovery board and allowing demonstration of a basic implementation of features from a set of peripherals.

1 Description

The [STM32CubeMP1](#) firmware provides BSP, HAL, middleware components and application packages in source code for development on Arm[®] Cortex[®]-M processors.

2 Licenses

STM32CubeMP1 is delivered under the *Mix Ultimate Liberty+OSS+3rd-party V1* software license agreement (SLA0048).

The software components provided in this package come with different license schemes as shown in [Table 1. Software component license agreements](#).

A set of application projects implementing all the middleware components is also provided in the STM32CubeMP1 MPU Package.

Table 1. Software component license agreements

Software component	Owner	License
CMSIS	Arm Limited	Apache License 2.0
STM32MP1 CMSIS	STMicroelectronics	BSD-3-Clause
STM32MP1 HAL	STMicroelectronics	BSD-3-Clause
STM32MP15xx_EVAL Board Support Package (BSP)	STMicroelectronics	BSD-3-Clause
STM32MP15xx_DISCO Board Support Package (BSP)	STMicroelectronics	BSD-3-Clause
FreeRTOS™	Copyright (C) 2017 Amazon.com, Inc. or its affiliates	The MIT License
OpenAMP_libmetal	Xilinx Inc. and Contributors	BSD-3-Clause
OpenAMP_open-amp	Xilinx Inc. and Contributors	BSD-3-Clause
Example projects	STMicroelectronics	BSD-3-Clause
ResMgr_Utility	STMicroelectronics	BSD-3-Clause

Note: Arm is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.



3 Ordering information

STM32CubeMP1 is available for free download from the www.st.com website.

Revision history

Table 2. Document revision history

Date	Version	Changes
14-Feb-2019	1	Initial release.
13-Feb-2020	2	Updated document title. Updated Section 2 Licenses to add all software component license agreements.

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