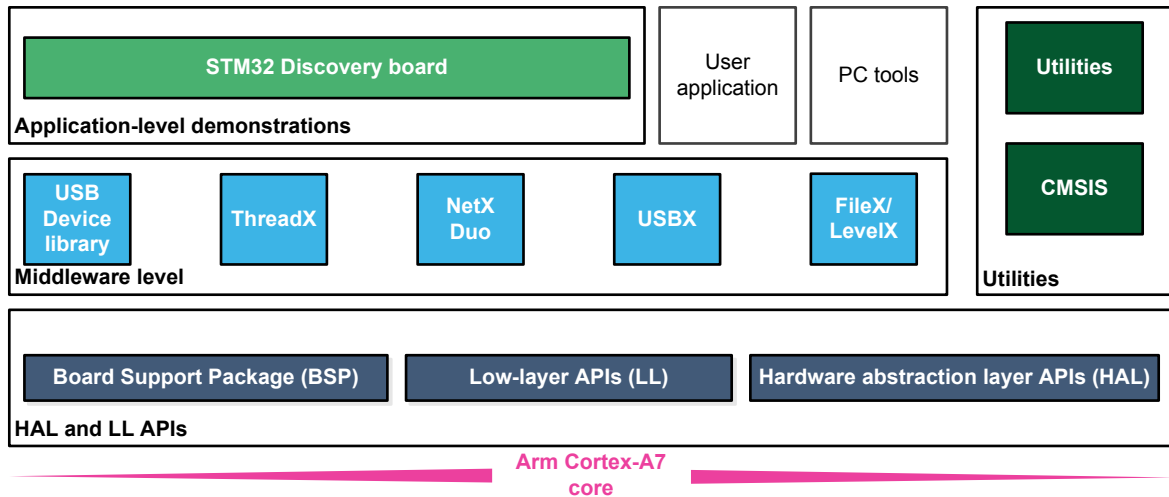# STM32CubeMP13 embedded software for STM32MP13x lines

Product status link
STM32CubeMP13

Features

- Consistent and complete embedded software that provides hardware abstraction to easily develop end-user firmware
- Hardware abstraction layer (HAL), enabling portability between different STM32 devices via standardized API calls
- Low-layer API (LL), a light-weight, optimized, expert oriented set of APIs designed for runtime efficiency and so enhanced performance
- Collection of middleware components (such as Azure® RTOS ThreadX)
- Collection of examples, running on STM32MP135F-DK Discovery board and allowing demonstration of a basic implementation of features from a set of peripherals
- Free user-friendly license terms

DB5155 - Rev 1 - November 2023
For further information contact your local STMicroelectronics sales office.

www.st.com

1 Description

The STM32CubeMP13 is the first STM32Cube Package running on Arm® Cortex®-A processors. It provides HAL, middleware components and application packages in source code.

In addition to the *www.st.com* website, the firmware is published on GitHub to quickly propagate bug fixes and improvements, and manage pull requests and issues to ease user contribution and direct feedback.

2 Licenses

STM32CubeMP13 is delivered under the SLA0048 software license agreement and its Additional License Terms.

A set of application projects implementing all the middleware components is also provided in the STM32CubeMP13 MPU Package.

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

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3   Ordering information

STM32CubeMP13 is available for free download from the *www.st.com* website.

Revision history

Table 1. Document revision history

Date	Version	Changes
22-Nov-2023	1	Initial release.

IMPORTANT NOTICE – READ CAREFULLY