

Introduction

This release note is updated periodically to keep abreast of STM8CubeMX evolutions, problems and limitations found in this release. Check ST support website at www.st.com/stm8cubemx for its latest version.

Refer to [Table 1](#) for the latest release summary.

Table 1. STM8CubeMX 1.2.0 release summary

Type	Summary
Minor release	– Added support of STM8L001J3Mx and STM8L050J3Mx MCUs

Customer support

For more information or help concerning STM8CubeMX, contact the ST nearest sales office or to the ST online community forum for STM8 MCUs. For a complete list of ST offices and distributors, refer to the www.st.com webpage.

Software updates

Software updates and all the latest documentation can be downloaded from the STMicroelectronics support webpage at www.st.com/stm8cubemx.



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1 General information

1.1 Overview

STM8CubeMX is a tool provided to help designers:

- Find the STM8 microcontroller most suitable for their application, by shortlisting products based on the user selection of peripherals
- Configure the microcontroller (pins, clock tree)
- Select a board and import the compatible pinout configuration
- Generate a report
- Evaluate the power consumption

Note: Please check the latest version of the errata sheet for the STM8 microcontroller device(s) in use or planned to be used. These product limitations may not yet be implemented in the current version of STM8CubeMX. The errata sheets are available on www.st.com.

1.2 Host PC system requirements

Supported operating systems and architectures

- Windows® 7: 32-bit (x86), 64-bit (x64)
- Windows® 8: 32-bit (x86), 64-bit (x64)
- Windows® 10: 32-bit (x86), 64-bit (x64)
- Linux® (tested on RedHat, Fedora and Ubuntu, 32 and 64 bits)
- Mac OS® (minimum version OS X® Yosemite)

Software requirements

The Java Run Time Environment 1.7 (version 1.7_45 or newer) must be installed.

More information on installation requirements and procedure can be found in the STM8CubeMX user manual (UM2125).

2 Release information

2.1 Microcontrollers supported by this release

- STM8AF5268Tx, STM8AF5269Tx
- STM8AF5286Ux, STM8AF5288Tx, STM8AF5289Tx, STM8AF528ATx
- STM8AF52A6Ux, STM8AF52A8Tx, STM8AF52A9Tx, STM8AF52AATx
- STM8AF6213Px
- STM8AF6223IPx, STM8AF6223Px, STM8AF6223PxAx, STM8AF6226Tx, STM8AF6226Ux
- STM8AF6246ITx, STM8AF6246(T-U)x, STM8AF6248Tx
- STM8AF6266ITx, STM8AF6266(T-U)x, STM8AF6268Tx, STM8AF6269Tx
- STM8AF6286Tx, STM8AF6288Tx, STM8AF6289Tx, STM8AF628ATx
- STM8AF62A6Ux, STM8AF62A8Tx, STM8AF62A9Tx, STM8AF62AATx
- STM8AL3136Tx, STM8AL3138Tx
- STM8AL3146Tx, STM8AL3148Tx
- STM8AL3166(T-U)x, STM8AL3168Tx
- STM8AL3188Tx, STM8AL3189Tx, STM8AL318ATx
- STM8AL31E8(8-9-A)Tx
- STM8AL3L46Tx, STM8AL3L48Tx
- STM8AL3L66Tx, STM8AL3L68Tx
- STM8AL3L88Tx, STM8AL3L89Tx, STM8AL3L8ATx
- STM8AL3LE8(8-9-A)Tx
- STM8L001J3Mx
- STM8L050J3Mx
- STM8L051F3Px
- STM8L052C6Tx
- STM8L052R8Tx
- STM8L101F1UxA, STM8L101F2(P-U)x, STM8L101F2UxA, STM8L101F3(P-U)x, STM8L101F3UxA
- STM8L101G2Ux, STM8L101G2UxA, STM8L101G3Ux, STM8L101G3UxA
- STM8L101K3(T-U)x
- STM8L151C2Tx, STM8L151C3Tx, STM8L151C4(T-U)x, STM8L151C6(T-U)x, STM8L151C8(T-U)x
- STM8L151F2(P-U)x, STM8L151F3(P-U)x
- STM8L151G2Ux, STM8L151G3Ux, STM8L151G4(U-Y)x, STM8L151G6(U-Y)x
- STM8L151K2Ux, STM8L151K3Ux, STM8L151K4(T-U)x, STM8L151K6(T-U)x
- STM8L151M8Tx
- STM8L151R6Tx, STM8L151R8Tx
- STM8L152C4(T-U)x, STM8L152C6(T-U)x, STM8L152C8(T-U)x
- STM8L152K4(T-U)x, STM8L152K6(T-U)x, STM8L152K8Yx
- STM8L152M8Tx

- STM8L152R6Tx, STM8L152R8Tx
- STM8L162M8Tx
- STM8L162R8Tx
- STM8S003F3(P-U)x
- STM8S001J3Mx
- STM8S003K3Tx
- STM8S005C6Tx
- STM8S005K6Tx
- STM8S007C8Tx
- STM8S103F2(M-P-U)x, STM8S103F3(M-P-U)x
- STM8S103K3(B-T-U)x
- STM8S105C4Tx, STM8S105C6Tx
- STM8S105K4(B-T-U)x, STM8S105K6(B-T-U)x
- STM8S105S4Tx, STM8S105S6Tx
- STM8S207C6Tx, STM8S207C8Tx, STM8S207CBTx
- STM8S207K6Tx, STM8S207K8Tx
- STM8S207M8Tx, STM8S207MBTx
- STM8S207R6Tx, STM8S207R8Tx, STM8S207RBTx
- STM8S207S6Tx, STM8S207S8Tx, STM8S207SBTx
- STM8S208C6Tx, STM8S208C8Tx, STM8S208CBTx
- STM8S208MBTx
- STM8S208R6Tx, STM8S208R8Tx, STM8S208RBTx
- STM8S208S6Tx, STM8S208S8Tx, STM8S208SBTx
- STM8S903F3(M-P-U)x
- STM8S903K3(B-T-U)x

2.2 STM8CubeMX V1.0 release information

First release of STM8CubeMX.

2.3 STM8CubeMX V1.1.0 release information

Added support of STM8S001J3Mx MCU.

3 Revision history

Table 2. Document revision history

Date	Revision	Changes
28-Feb-2017	1	Initial release.
24-May-2017	2	– Added information related to STM8CubeMX release 1.1.0 – Added Section 2.2: STM8CubeMX V1.0 release information
05-Sep-2017	3	– Added information related to STM8CubeMX release 1.2.0 – Added Section 2.3: STM8CubeMX V1.1.0 release information

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