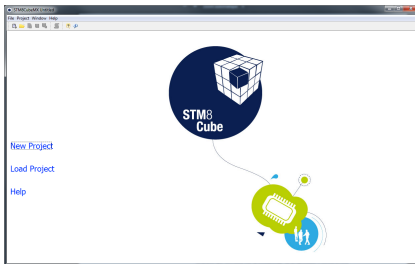


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## STM8 configuration tool



### Features

- Intuitive STM8 microcontroller selection
- Microcontroller graphical configuration:
  - Pinout with automatic conflict resolution
  - Clock tree with dynamic configuration validation
  - Power sequence with estimate of consumption results
- Configuration report generation
- Available as a standalone software running on Windows®, Linux® and OS X® operating systems (OS X® is a trademark of Apple Inc., registered in the U.S. and other countries)

### Description

STM8CubeMX is part of STMicroelectronics's STM8Cube™ original initiative to ease developers' life by reducing development efforts, time and cost. STM8Cube covers STM8 portfolio.

STM8CubeMX is a graphical tool that allows configuring STM8 microcontrollers very easily and generating the corresponding configuration reports.

Step one consists in selecting the STMicroelectronics STM8 microcontroller that matches the required set of peripherals, or in choosing a target board.

The user can then configure the microcontroller thanks to a pinout-conflict solver, a clock-tree setting helper and a power-consumption calculator.

Finally, the user launches the report generation utility.

Product status link

[STM8CubeMX](#)



## **1**      **Ordering Information**

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STM8CubeMX is available for free download from <http://www.st.com/stm8cubemx>.

## 2 License

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STM8CubeMX is delivered under the Mix Ultimate Liberty+OSS+3rd-party V1 (SLA0048) software license agreement.

## Revision history

**Table 1. Document revision history**

| Date        | Version | Changes   |
|-------------|---------|---|
| 06-Mar-2017 | 1       | Initial release.  |
| 23-Mar-2017 | 2       | Features: list of operating systems updated to include OS X trademark.  |
| 05-Jul-2018 | 3       | Replaced STMCube™ by STM8Cube™ in the whole document. Updated <a href="#">Section • Description</a> and changed STM8CubeMX logo on cover page.<br>Added <a href="#">Section 2 License</a> . |

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