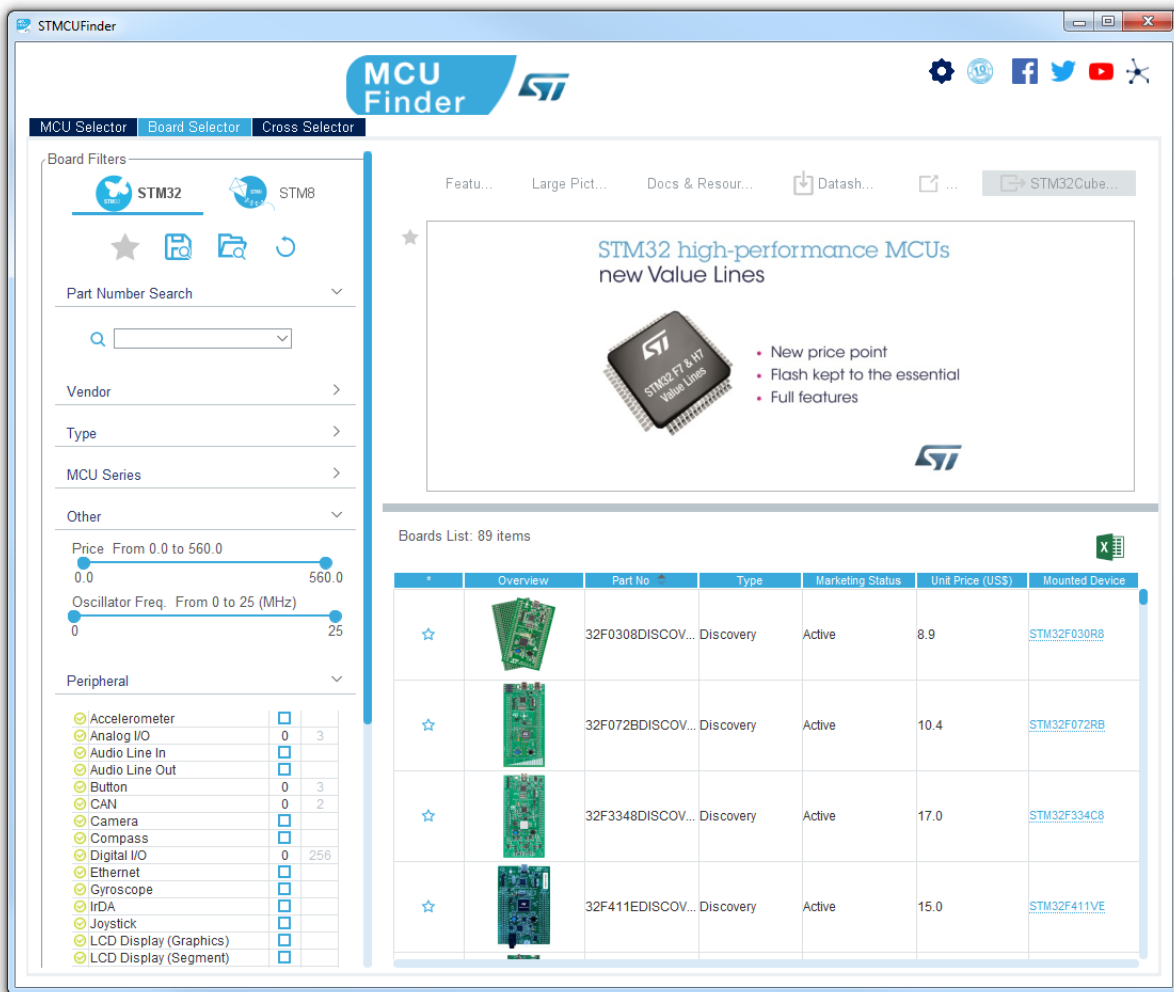






STM32 and STM8 product finder for desktops



	Overview	Part No.	Type	Marketing Status	Unit Price (US\$)	Mounted Device
☆		32F0308DISCOV...	Discovery	Active	8.9	STM32F030RB
☆		32F072BDISCOV...	Discovery	Active	10.4	STM32F072RB
☆		32F3348DISCOV...	Discovery	Active	17.0	STM32F334C8
☆		32F411EDISCOV...	Discovery	Active	15.0	STM32F411VE

Product status link

[ST-MCU-FINDER-PC](#)



Features

- Intuitive MCU, MPU and development board selection:
 - Parametric search on multiple criteria
 - Part number search: direct access to a specific part number information
- Instant access to MCU, MPU and development board technical documentation, key features and functional block diagrams
- Download of up-to-date technical documentation for off-line consulting
- Close Selector : display of MCUs and MPUs having characteristics approaching those defined through parametric criteria (PC version only)
- Cross Selector (PC version only):
 - Side-by-side comparison of a reference MCU or MPU with approaching STM32 or STM8 products
 - Selection of the relevant comparison criteria and tuning of their respective importance
- Contextual help tool-tip with direct-link access to relevant documentation
- Management of favorite part numbers
- Export of the selection to the Excel® format (PC version only)
- On-line buying from STMicroelectronics distributors
- Direct launch of [STM32CubeMX](#) for the selected MCU, MPU or development board
- STM32 social media and ST Community access
- Desktop version available for Windows®, macOS®, and Linux® platforms

Description

The [ST-MCU-FINDER-PC](#) application allows exploring and connecting to the complete portfolio of STM32 Arm® Cortex®-M, STM32 Arm® Cortex®-A7, and STM8 microcontrollers, microprocessors and development boards directly from the developer's desktop environment.

[ST-MCU-FINDER-PC](#) features easy-to-use selection tools, self-maintaining documentation, and connections to MCU communities.

Users find the MCU, MPU and development board part number that best fits their application by means of an easy search with multiple criteria including core type, CPU frequency, memory, price, package, I/Os, temperature grade and peripherals such as control, timers, analog, connectivity, multimedia and security. Users can also buy devices on line.

Developers have quick access to data and technical resources to support their microcontroller and microprocessor projects. The technical documentation for a selected device (including datasheets, reference manuals, application notes, user manuals, programming manuals, errata sheets) is available in one place and can be downloaded for off-line viewing. Documents are automatically updated with their latest version.

The development begins immediately after the device selection by launching [STM32CubeMX](#) initialization-code generator directly from the application.

[ST-MCU-FINDER-PC](#) connects users with developer communities on popular social platforms such as Facebook™, Twitter™, STM32's YouTube™ channel, and ST Community.

1 General information

1.1 Ordering information

ST-MCU-FINDER-PC is available for free download from the www.st.com website.

1.2 License

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

For more details about the license agreement of each component, refer to the release note (RN0111).

The ST-MCU-FINDER-PC application scope includes the complete portfolio of STM32 Arm[®] Cortex[®] microcontrollers, microprocessors and boards.

ST-MCU-FINDER-PC is a desktop version available for the Windows[®], macOS[®] and Linux[®] platforms.



*Note: Arm is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.
macOS[®] is a trademark of Apple Inc. registered in the U.S. and other countries.*

Revision history

Table 1. Document revision history

Date	Version	Changes
9-Feb-2017	1	Initial release.
27-Mar-2018	2	ST-MCU-FINDER-PC scope extended to STM32 board selection. Added <i>Close Selector</i> and <i>Management of favorites</i> : <ul style="list-style-type: none"> • Updated <i>Features</i> and <i>Description</i> • Added <i>General information</i>
4-Dec-2018	3	Added <i>Cross Selector</i> in <i>Features</i> . Added <i>Section 2 Application screen</i> . Replaced <i>General information</i> with <i>License</i> .
11-Jan-2019	4	Updated <i>License</i> .
16-Jul-2019	5	Document scope extended to STM32 Arm Cortex MPUs.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, please refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2019 STMicroelectronics – All rights reserved