ST MOTOR CONTROL SUITE

All-in-One online tool for motor control resources

ST-MC-SUITE, the first online tool to download all resources needed for your own motor control setup, in just a few clicks

The STM32 / STM8 Motor Control Suite offers easy access to all resources for motor-control application development with STM32 and STM8 microcontrollers. It positions itself as a stepping stone, as you can gather crucial information before you open your offline development tools to start configuring your system and writing your application. As this tool collects all relevant resources needed, and gathers it all in one single bundle, you reduce development time and move more effortlessly from idea to market.

FIND EVERYTHING YOU NEED

Intuitive features include the choice of a generic search tool or an adaptive front end that filters relevant content based on the project description.

CREATE AND DOWNLOAD

Create your own bundle, select all motor control materials relevant to your project and download them all as a single .zip file.

RECYCLE BY SAVING

Save your settings for future reference.

KEY FEATURES

- STM32 and STM8 compatible
- Easy Motor Design
- Optimal resources utilization
- Time saver
- Free Online Tool

www.st.com/st-mc-suite

Find everything you need in one place

ST-MC-SUITE lets users gather tutorials and documentation, store project setups (hardware and software), get links to download software solutions including the newly updated X-CUBE-MCSDK package, and buy evaluation hardware online.
A generic search tool allows user to save generic document and an adaptive front end that filters relevant content based on the project description.
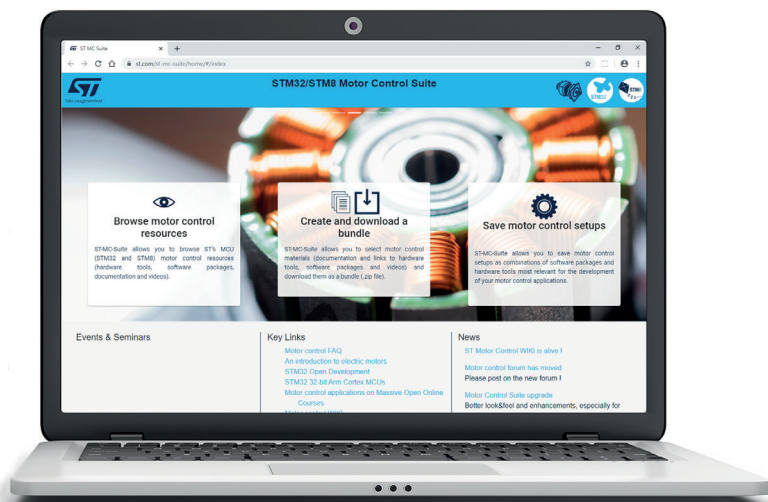Documents and videos can be previewed and saved in a personalized bundle to download in compressed .zip format.
Users can also create setups to select and save items to start their projects, including appropriate software and a choice of applicable evaluation boards (control and power), motor-control kits, and inverters that can be purchased online. Supporting documentation can be downloaded directly or added to the personalized information bundle. Users can save multiple setups to compare different approaches for each project or manage several projects simultaneously.
ST-MC-SUITE is initially focused on BLDC (Brushless DC motor) and PMSM (Permanent Magnet Synchronous Motor) designs using FieldOriented Control (FOC). Support for extra motor types and control techniques will follow.

Many STM32 microntrollers are already referenced in our ST-MC-SUITE online tool and more are coming.

- STM32F0
- STM32G0
- STM32G4
- STM32F1
- STM32F3
- STM32F4
- STM32F7
- STM32L4

For more information please visit
https://www.st.com/st-mc-suite/home