Quick Start Guide

MCBSTM32E

ARM KEIL
Microcontroller Tools

Install Keil MDK Version 5

- Download and install the MDK Core from   www.keil.com/mdk5/install

Add Software Pack using the Pack Installer

- **Keil::STM32F1xx_DFP** – STMicroelectronics STM32F1 Series Device Support

Power up the board

- Connect a USB power supply to the **Power** receptacle
- Connect the board to the PC using the **Trace Connector** and a debug adapter, for example ULINK*pro*

Verify Installation using example projects provided in the Software Pack

- Copy an example using the Pack Installer. Compile, download to Flash, and debug the application. The provided examples are ready to run. Trace settings might have to be adapted.

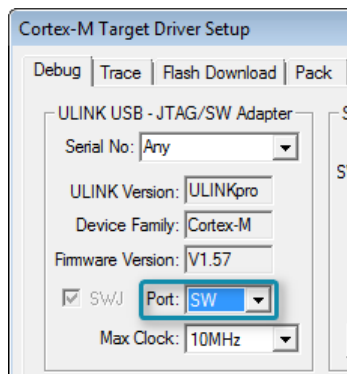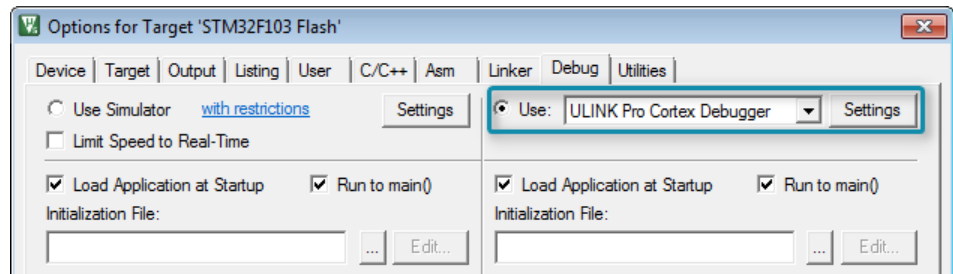## More Information

- Evaluation Board Description   www.keil.com/boards2/keil/mcbstm32e
- MCBSTM32E User's Guide   www.keil.com/support/man/docs/mcbstm32e

Related Information

- MDK Version 5   www.keil.com/mdk5
- MDK-Professional Middleware   www.keil.com/mdk5/middleware
- Learning Platform   www.keil.com/mdk5/learn

ULINK*pro* Debug and Trace Adapter

Connect ULINK*pro* to the board's **Trace** connector and choose **ULINK Pro Cortex Debugger**.
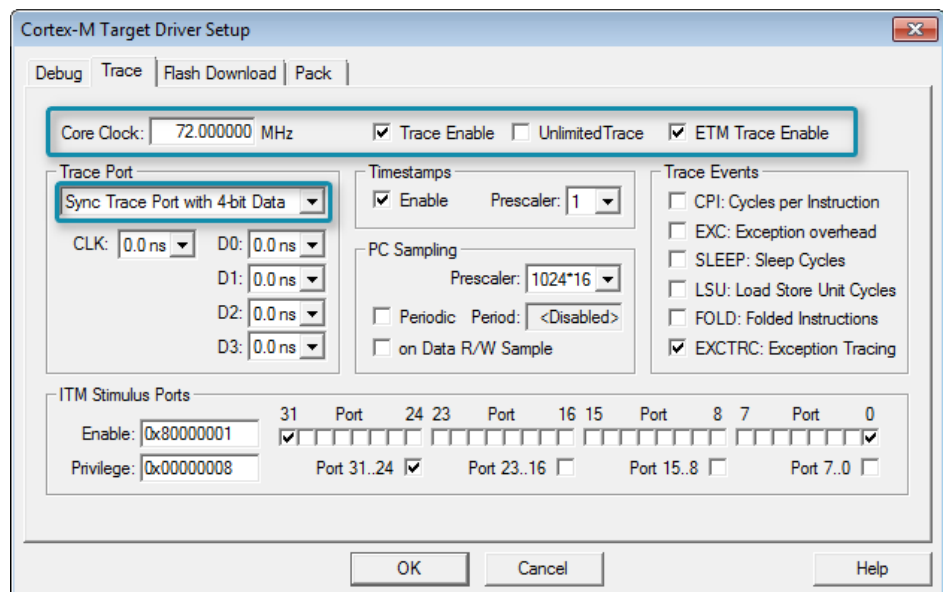

Click **Settings** and configure the **Debug** connection for Serial Wire Debug (SWD) by selecting the Port **SW**.

Trace Settings

Configure trace by selecting the **Trace** tab and enter the correct CPU **Core Clock** speed as specified in your project. Check the **Trace Enable** box.

For complete instruction trace, select **Sync Trace Port with 4-bit data** and enable **ETM Trace Enable**.

More Information

- Getting Started User's Guide   www.keil.com/gsg