User Button

Reset Button

2 User LEDs

USB ST/Link/V2

Install Keil MDK Version 5

- Download and install the MDK Core from   www.keil.com/mdk5/install
- Works with the free MDK version for ST   www.keil.com/stmicroelectronics-stm32/mdk

Add Software Pack using the Pack Installer

- **Keil::STM32F0xx_DFP** – STMicroelectronics STM32F0 Series Device Support

Power up the board

- Do **not** connect the board to the PC! Go to C:\Keil_v5\ARM\STLink\USBDriver and double-click **stlink_winusb_install.bat** to install the drivers for the on-board USB ST-Link/V2.
- Connect a USB power supply **USB ST-Link/V2** port to the computer using a Mini USB cable. Windows recognizes the ST-Link/V2 device and installs the drivers automatically.

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.

More Information

- Getting Started User's Guide   www.keil.com/gsg
- Board Information   www.keil.com/boards2/st/stm32f030_discovery
- STM32F0 Discovery User's Guide   www.st.com/stm32f0-discovery
- Learning Page   www.keil.com/learn

Related Products

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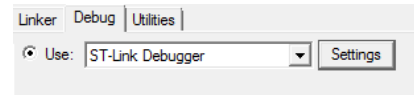- MDK-Professional Middleware   www.keil.com/mdk5/middleware

Enable ST-Link Debugger

Select **Options for Target** or press **ALT+F7**.
Go to the **Debug** tab and select the **ST-Link Debugger**.

Connect Using SWD

Click on the **Settings** button. On the **Debug** tab select the Port **SW**. This board does not support JTAG.