

STM8S-Discovery



The STM8S-Discovery kit is the cheapest and quickest way to discover the STM8S, to build and debug the application, and to program and use the device.

The STM8S-Discovery is a quick-start evaluation board based on the STM8S105C6T6. It includes the embedded debugger ST-LINK and one touch-sensing button which help you to discover the STM8 features.

Plug STM8S-Discovery into a PC through a standard USB cable, and run the proposed example. Once the debugger is open, you will see the real-time execution of the code.

Numerous applications are available in order to learn, reuse and modify codes for a fast time to proof-of-concept or demonstration. It will satisfy hobbyists, developers, students and support teams. Based on examples, you will find STM8S-Discovery indispensable.

Features and Benefits

- STM8S105C microcontroller
- Self powered by USB cable between PC and STM8S-Discovery
- Selectable power supply voltage: 5 V or 3.3 V for your application
- Embedded STLink for the STM8S; USB interface for programming and debugging
- SWIM debug support
- Touch sensing interface
- Wrapping area for user's own application
- Uses the most common STM8S reference, with 32 Kbytes of Flash, E+Data and 48 pins
- Immediate plug-and-play demonstration
- Adapts the demo to the future application environment
- Non-intrusive debug with the in-circuit debugger present on STM8S-Discovery
- Detach the debugger to run the application Single wire interface is always available for software upgrade
- Many demonstrations are available ready to use or constructed from
- Extend the Demo with our suggested hardware

Ordering Information

- STM8S-DISCOVERY - starter kit with pre-connected STM8S sample, supported by with free ST Visual Develop (STVD) & programmer (STVP), ANSI & ISO C compiler - 16K version

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