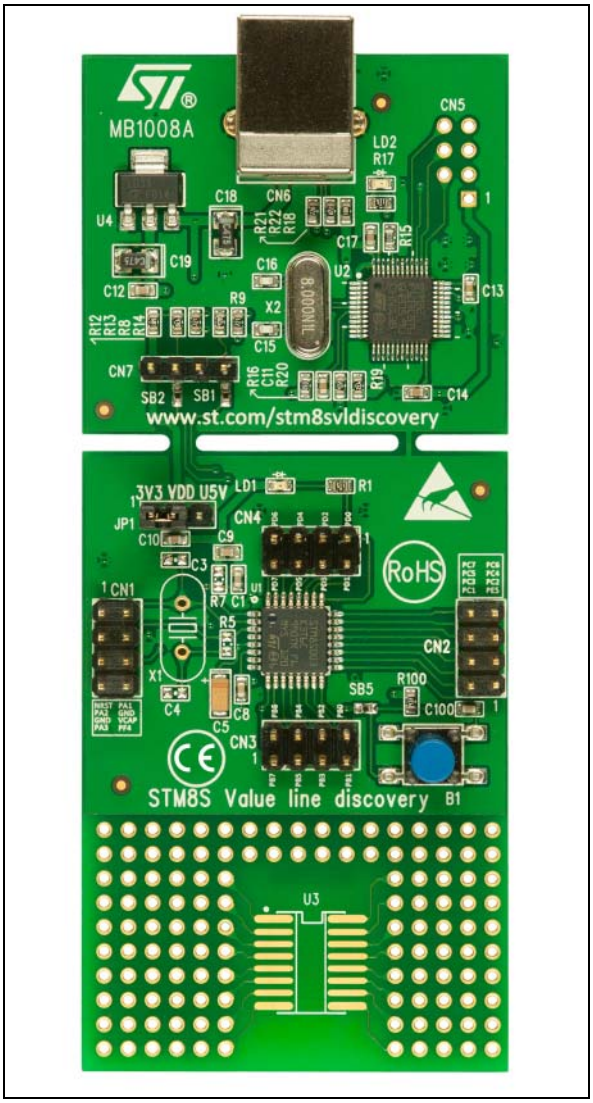
STM8SVLDISCOVERY

Discovery kit with STM8S003K3 MCU

Data brief

Features

- STM8S003K3T6 microcontroller, 8-Kbyte Flash memory, 1-Kbyte RAM, 128-byte EEPROM
- Powered by USB cable between PC and STM8SVLDISCOVERY
- Selectable power of 5 V or 3.3 V
- User button
- User LED
- Extension header for all I/Os
- Wrapping area for user applications
- Embedded ST-LINK
- USB interface for programming and debugging
- SWIM debug support



Description

The STM8SVLDISCOVERY is a quick start evaluation board which helps the user to discover the STM8S Value line features and to develop applications. It includes everything required for beginners and experienced users to get started quickly.

Even though the STM8SVLDISCOVERY is built around an STM8S003K3T6, it allows evaluation of the main features of all the STM8S Value line MCUs. It includes an ST-LINK embedded debug tool.

The STM8SVLDISCOVERY simply plugs into a PC through a standard USB cable. Numerous applications are available from the www.st.com/stm8svldiscovery web page.

1 System requirements

- Windows® OS (XP, 7, 8)
- USB Type A to B cable

2 Development toolchains

- IAR™, Embedded Workbench® for STM8
- STMicroelectronics, ST Visual Programmer (STVP) and ST Visual Develop (STVD) with Raisonance or Cosmic compiler

3 Demonstration software

Demonstration software is preloaded in the Flash memory of the board. This demonstration uses the user button of the STM8SVLDISCOVERY to change the LED blinking speed. The latest version of the demonstration source code and the associated documentation can be downloaded from the www.st.com/stm8svldiscovery web page.

4 Revision history

Table 1. Document revision history

Date	Revision	Changes
07-Nov-2011	1	Initial release.
07-Apr-2016	2	Updated title and *Section 1: System requirements*.

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