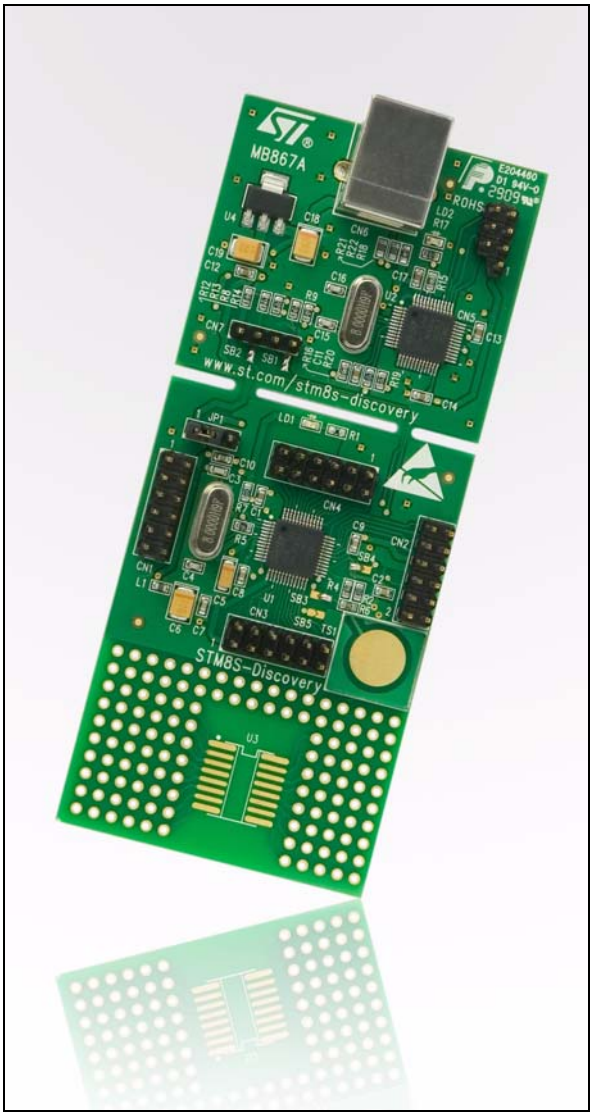
STM8S-DISCOVERY

STM8S access Discovery

Data brief

Features

- STM8S105C6T6 microcontroller, 32 KB Flash, 2 KB RAM, 1 KB EEPROM
- Powered by USB cable between PC and STM8S-DISCOVERY
- Selectable power of 5 V or 3.3 V
- Touch sensing button
- User LED
- Extension header for all I/Os
- Wrapping area for users own application
- Embedded ST-Link
- USB interface for programming and debugging
- SWIM debug support



Description

The STM8S-DISCOVERY helps you to discover the STM8S features and to develop and share your own application.

Even though the STM8S-DISCOVERY is built around an STM8S105C6T6, it allows evaluation of the main features of all the STM8S Access line MCUs. It includes an embedded debugger ST-Link, and a touch sensing button.

The STM8S-DISCOVERY simply plugs into a PC through a standard USB cable. Numerous applications are available from the STM8S-DISCOVERY web page.

Table 1. Device summary

Order code	Reference
STM8S-DISCOVERY	STM8S access Discovery

1 System requirements

- Windows PC (2000, XP, Vista)
- USB type A to B cable

2 Development toolchain

- IAR, Embedded Workbench® for STM8
- STMicroelectronics, ST Visual Develop (STVD)

3 Demonstration software

Demonstration software is preloaded in the board's Flash memory. This demonstration uses the touch sensing feature of the STM8S-Discovery to change the led blinking speed when the touch key is pressed. The latest version of the demonstration source code and associated documentation can be downloaded from www.st.com/stm8s-discovery.

4 Revision history

Table 2. Document revision history

Date	Revision	Changes
05-Nov-2010	1	Initial release.

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