

### Features

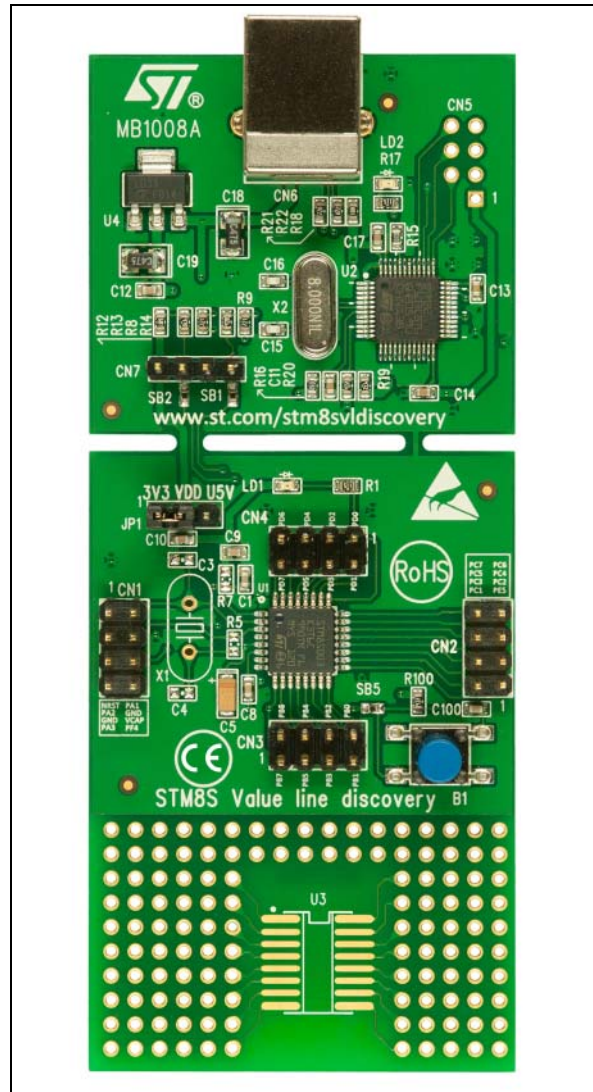
- STM8S003K3T6 microcontroller, 8-Kbyte Flash memory, 1-Kbyte RAM, 128-byte EEPROM
- Powered by USB cable between PC and STM8SVLDISCOVERY
- Selectable power of 5 V or 3.3 V
- User button
- User LED
- Extension header for all I/Os
- Wrapping area for user applications
- Embedded ST-LINK
- USB interface 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](http://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](http://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 <a href="#">Section 1: System requirements</a> .

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* [Development Boards & Kits - Other Processors](#) *category:*

*Click to view products by* [STMicroelectronics](#) *manufacturer:*

Other Similar products are found below :

[EVB-MEC1418MECC](#) [20-101-1252](#) [C29XPCIE-RDB](#) [CC-ACC-18M433](#) [STM8S/32-D/RAIS](#) [MAX1464EVKIT](#) [RTK0EN0001D01001BZ](#)  
[MAXQ622-KIT#](#) [YR0K505231S000BE](#) [YR0K50571MS000BE](#) [YQB-R5F1057A-TB](#) [QB-R5F104PJ-TB](#) [CC-ACC-ETHMX](#) [OV-7604-C7-](#)  
[EVALUATION-BOARD](#) [SK-AD02-D62Q1747TB](#) [SK-BS01-D62Q1577TB](#) [ST7MDT1-EMU2](#) [GROVE BASE KIT FOR RASPBERRY PI](#)  
[RTK5572TKCS00000BE](#) [CAB M-M\(40-17-RAINBOW\)](#) [CY8CKIT-143A](#) [RASPBERRY PI PICO](#) [EK-MPC5744P](#)  
[KITAURIXTC234TFTTOBO1](#) [ENW89854AXKF](#) [ENWF9201AVEF](#) [QB-R5F104LE-TB](#) [LV18F V6 64-80-PIN TQFP MCU CARD EMPTY](#)  
[LV-24-33 V6 44-PIN TQFP MCU CARD EMPTY](#) [LV-24-33 V6 64-PIN TQFP MCU CARD EMPTY](#) [LV-24-33 V6 80-PIN TQFP 1 MCU](#)  
[CARD EMPTY](#) [32X32 RGB LED MATRIX PANEL - 6MM PITCH](#) [3.3 - 5 VTRANSLATOR](#) [READY FOR XMEGA CASING \(WHITE\)](#)  
[RELAY4 BOARD](#) [ETHERNET CONNECTOR](#) [RFID CARD 125KHZ - TAG](#) [RFID READER](#) [RFM12B-DEMO](#) [MAROON](#) [3G CLICK](#)  
[\(FOR EUROPE AND AUSTRALIA\)](#) [MAX232](#) [MAX3232 BOARD](#) [ARTY S7-50](#) [THREE-AXIS ACCELEROMETER BOARD](#)  
[TINKERKIT HALL SENSOR](#) [TOUCHPANEL](#) [TOUCHPANEL CONTROLLER](#) [MIKROBOARD FOR AVR WITH ATMega128](#)  
[MIKROBOARD FOR PSOC WITH CY8C27643](#)