

### Features

- Three 5 V power supply options: power jack, ST-LINK USB connector or daughterboard
- Audio speaker and microphone connected to the DAC and ADC of the STM8L152C6
- 1 Gbyte or more SPI interface microSD Card™
- 128 Mbit SPI serial Flash
- I2C compatible serial interface 64 Kbit EEPROM and SMBusTemperature sensor
- RS-232 communication
- IrDA transceiver
- Inductor motor control connector
- SWIM debug support, ST-LINK embedded
- 122x32 dot matrix LCD connected to the SPI interface of the STM8L152C6
- Joystick with 4-direction control and selector
- Reset and User button
- 4 color LEDs and one bicolor LED
- MCU consumption measurement circuit
- LCD glass 28 x 4 segments (7 digits alpha numeric) connected to the LCD driver inside the STM8L152C6
- Extension connector for daughterboard or wrapping board
- MCU voltage choice 3.3 V or adjustable from 1.65 V to 3.6 V
- STice connector footprint



Flash, microSD Card, temperature sensor and EEPROM... etc.) and develop your own applications.

Extension headers facilitate easy connection of a daughterboard or wrapping board for specific applications.

An ST-LINK is integrated on the board as the embedded in-circuit debugger and programmer.

### Description

The STM8L1526-EVAL evaluation board is a complete demonstration and development platform for STMicroelectronic's STM8 core-based STM8L152C6 microcontroller.

The full range of hardware features on the board helps you evaluate all peripherals (motor control, USART, audio DAC, LCD, IR LED, IrDA, SPI

**Table 1. Device summary**

Order code	Reference
STM8L1526-EVAL <sup>(1)</sup>	STM8L152C6 evaluation board

1. STM8L1526-EVAL is replaced by STM8L1528-EVAL evaluation board.

## Demonstration software

Demonstration software is preloaded in the board's Flash memory for easy demonstration of device peripherals in stand-alone mode. For more information and to download the latest version available, please refer to the STM8L1526-EVAL demonstration firmware available on [www.st.com](http://www.st.com).

## Revision history

**Table 2. Document revision history**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
09-Aug-2010	1	Initial release.
24-Jan-2014	2	Updated Table 1 : note added.

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