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STM32L152-EVAL

STM32L152-EVAL evaluation board

Data brief

Features

- Four 5 V power supply options:
  - Power jack
  - ST-LINK/V2 USB connector
  - User USB connector
  - Daughterboard
- Audio speaker and microphone connected to DAC and ADC of STM32L152VBT6
- 2 GByte or more SPI interface MicroSD Card™
- I2C compatible serial interface temperature sensor
- RS-232 communication
- IrDA transceiver
- JTAG and trace debug support, ST-LINK/V2 embedded.
- 240x320 TFT color LCD connected to SPI interface of STM32L152VBT6
- Joystick with 4-direction control and selector
- Reset button
- Tamper or Key button
- 4 color user LEDs and 3 LEDs as MCU power range indicator
- MCU consumption measurement circuit
- LCD glass 32 x 4 segments connected to LCD controller in STM32L152VBT6
- Extension connector for daughterboard or wrapping board
- MCU voltage choice of 3.3 V or adjustable from 1.65 V to 3.6 V
- USB FS connector
- Two touch sensing buttons
- Light dependent resistor (LDR)
- Potentiometer

Description

The STM32L152-EVAL evaluation board is a complete demonstration and development platform for the STMicroelectronics ARM Cortex™-M3 core-based STM32L152VBT6 microcontroller supporting two I2C, two SPI and three USART channels, 12-bit ADC, 12-bit DAC, 16 KB internal SRAM and 128 KB Flash, USB FS, LCD controller, touch sensing and JTAG debugging support.

Obsolete Product(s) - Obsolete Product(s)

1 Ordering information

Table 1. Device summary

Order code	Reference
STM32L152-EVAL [1]	STM32L152-EVAL evaluation board

1. STM32L152-EVAL is replaced with STM32L152D-EVAL.

2 Revision history

Table 2. Document revision history

Date	Revision	Changes
07-Jan-2010	1	Initial release.
29-Jan-2013	2	Modified *Section 1: Ordering information* to designate new order code.

Obsolete Product(s) - Obsolete Product(s)

Obsolete Product(s) - Obsolete Product(s)

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