STM32-EXPERIMENT

IAR Systems® Experiment! kits for STM32 microcontrollers

Features

- STM32L1 game controller kit:
  - STM32L152VB ultra-low-power Cortex™-M3 MCU with 128 Kbytes of Flash memory
  - Game controller joystick
  - 1.8 x 1.6" color LCD
  - 1 User button, 1 Reset button
  - Power and User LEDs
  - 2 UEXT/UXT connector
  - Prototyping area
- STM32L1 magnetometer kit:
  - STM32L152VB ultra-low-power Cortex™-M3 MCU with 128 Kbytes of Flash memory
  - MAG3110 3-axis magnetometer
  - Monochrome 84x48 LCD
  - 1 User button, 1 Reset button
  - Power and User LEDs
  - 2 UEXT/UXT connector
  - Prototyping area
- STM32F4 game controller kit:
  - STM32F429II high-performance Cortex™-M4 MCU with 2 Mbytes of Flash memory
  - Game controller joystick
  - 1.8 x 1.6" color LCD
  - 1 User button, 1 Reset button
  - Power and User LEDs
  - 2 UEXT/UXT connectors
  - Prototyping area

STM32F4-GAME Experiment kit

Description

IAR Systems' Experiment! kits are aimed at creative evaluation for a low price. You can use the kits to evaluate IAR Systems' software and the included microcontroller, as well as design, start develop, integrate and test your applications.

Each Experiment! Kit is a combination of a general purpose evaluation board with an STM32 MCU equipped with a number of UEXT/UXT connectors. These connectors support three serial communication interfaces (I2C, SPI and RS232) to connect to a wide variety of modules. Each kit includes one or more modules. Other modules are available at Olimex © website, www.olimex.com.

The kits include a size-limited license of the powerful toolchain IAR Embedded Workbench. All kits can be used with IAR I-Jet as well as other JTAG probes, such as the ST-LINK/V2.

Software, examples, projects and guides can be downloaded at the IAR web site, www.iar.com.

1 Ordering information

IAR Experiment! kits can be ordered from IAR or from your nearest ST distributor or sales office.

Table 1. ST order codes

Order code	Description
STM32L1-GAME	STM32L1 game controller kit
STM32L1-MAGNET	STM32L1 magnetometer kit
STM32F4-GAME	STM32F4 game controller kit

For more information and complete documentation, please refer to the IAR web site, www.iar.com or the STMicroelectronics web site, www.st.com.

2 Revision history

Table 2. Document revision history

Date	Revision	Changes
18-Nov-2013	1	Initial version.

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