STR730-EVAL

Evaluation Board for STR73xF

DATA BRIEF

The **STR730 evaluation board** (STR730-EVAL) is a complete development platform for the STR73xF series microcontrollers. It offers a cost effective, flexible and open design for demonstrating the capabilities of the STR73xF series of flash microcontrollers, allowing rapid evaluation of the STR73xF devices and available peripherals. The STR730-EVAL includes a high-performance STR730F ARM7TDMI™ device that features a rich set of peripherals and serial communication interfaces, including CAN (controller area network).

The STR730-EVAL board integrates a 2 x 16 LCD, LEDs, UART, CAN interfaces, piezo buzzer and test buttons in a versatile stand-alone test platform.

It includes a JTAG connector for interface with your host PC and is supported by a full range of STMicroelectronics, ARM and third-party development tool packages for the STR7 family of microcontrollers.

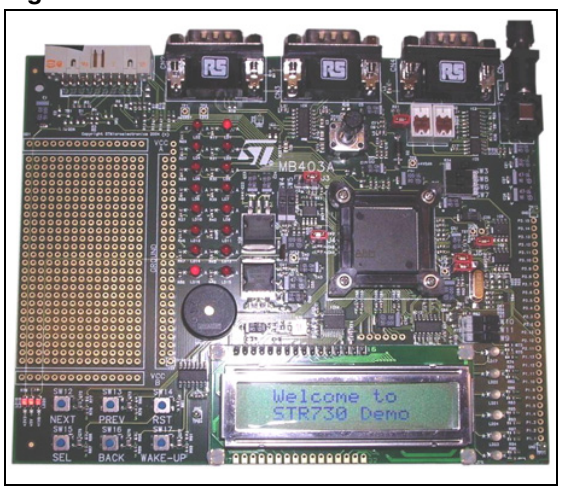
Main Components

- STR730F processor running at up to 36MHz
- SPI EEPROM
- I^2C EEPROM
- 2 x 16 LCD display

Key Features

- Support for the following interfaces:
  - CAN
  - RS232
- LED displays
- Piezo buzzer
- Test buttons
- JTAG connector
- Analog channel

Figure 1. Evaluation Board for STR730xF



Order Codes

STR730-EVAL/WS – Evaluation board with socket-mounted STR730FZ2T7 microcontroller.

For more information...

The following related documents are available for free download at *www.st.com/mcu*:

STR730-EVAL Datasheet – Configuration and use of your evaluation board including board schematics.

STR730xF Datasheet – Complete information about the features of your target STR73xF microcontroller.

STR730xF Demonstration Software User Manual – Information about the demonstration software that runs on the STR73x-EVAL for evaluation of the STR73xF and its on-board peripherals.

STR7 Tools Brochure – An overview of the range of software and hardware development tools for your STR73xF.

Revision history

Date	Revision	Changes
21-Sep-2005	1	Initial release.