



# EVALCOMMBOARD

Main interface to the controlling PC a standard 12Mbps based on a ST72F651AR6 USB microcontroller

Data Brief

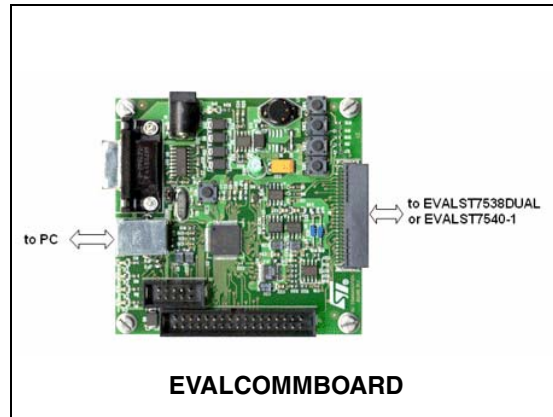
## General description

The EVALCOMMBOARD is a general purpose board developed around the following principles:

- Provide a reliable and flexible communication channel between a controlling PC and the different reference design boards
- Run dedicated FW available for all reference designs.
- Interact with dedicated SW implementing a reference design specific Graphical User Interface (GUI).

The EVALCOMMBOARD is based on a ST72F651AR6 USB microcontroller, providing as main interface to the controlling PC a standard 12 Mbps USB, available on all recent PCs. An RS232 interface is also available, which can be used as spare communication port. Specific interfaces to different reference design boards are present, providing high flexibility for several applications. Ten bits digital to analog converter (DAC) and high gain, high bandwidth amplifiers are present on the board. Jumpers, switches and LEDs give further adaptability and visualization tools.

A full range of dedicated FW, GUIs and reference design boards are available for different Industrial products.



# 1 Revision history

**Table 1. Revision history**

Date	Revision	Changes
08-Jun-2006	1	Initial release.

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