



## STM8/128-EVAL evaluation board

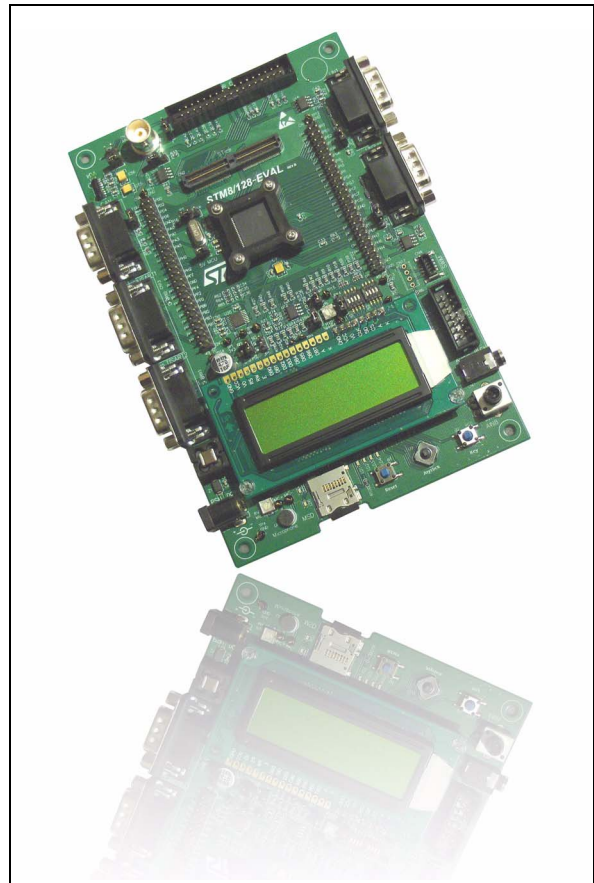
Data brief

### Features

- Two 5 V power supply options: power jack or daughterboard
- Audio play and record
- 1 Gbyte or more micro SD Card™
- Both A and B type smartcard support
- 64 Kbit I<sup>2</sup>C EEPROM
- 2 channels of RS-232 communication
- IrDA transceiver
- 2 channels of LIN communication
- CAN2.0A/B compliant connection
- Inductor motor control connector
- SWIM and STice debug support
- 122x32 dot-matrix serial interface LCD module
- Joystick with 4-direction control and selector
- Reset, Wakeup, Tamper and User button
- 4 LEDs
- Extension connector for daughterboard or wrapping board

### Description

The STM8S2xx evaluation board STM8/128-EVAL is designed as a complete development platform for the STM8 core-based STM8S2xx microcontroller with CAN2.0A/B compliant interface, I<sup>2</sup>C, SPI, two UART channels with smartcard, IrDA and LIN support, internal 2 Kbyte data Flash and 128 Kbyte Flash program memory, SWIM debugging support.



The full range of hardware features helps you to evaluate all peripherals (including motor control, CAN, micro SD Card, smartcard, UART, LIN, IrDA) and develop your own applications. Extension headers make it possible to easily connect a daughterboard or wrapping board for your specific application.

# 1 Ordering information

Table 1. Device summary

Order code	Reference
STM8/128-EVAL	STM8/128-EVAL evaluation board

# 2 Revision history

Table 2. Document revision history

Date	Revision	Changes
09-Aug-2010	1	Initial release.

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