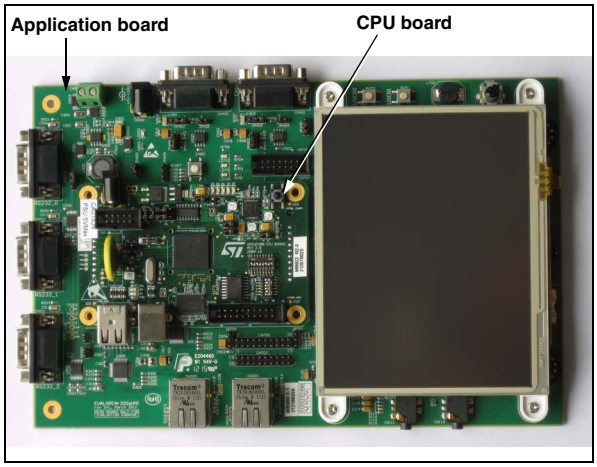
EVALSP320SHMI

SPEAr320S expansion board for HMI applications

Data brief

Features

- 2 x Ethernet RJ45 connectors (ST802RT1A)
- 1x LCD interface for 5.7” 640x480 EDT screen (ET057010DHU)
- 1x Unified LCD interface (EDT displays with Unified interface)
- 1x Resistive touch screen interface (STMPE811)
- 2 x CAN DB9 plug connectors
- 3 x RS232 DB9 plug connectors (ST3232EBTR)
- Onboard temperature sensor and potentiometer (STMPE811)
- 64 Kbit dual interface EEPROM: ISO 15693 and ISO 18000-3 mode 1 compliant contactless interface + I2C (M24LR64)
- 4 Gb NAND flash memory
- I2S stereo audio input and output
- Analog extension connector featuring 8 ADC lines
- General purpose extension connector with GPIOs and I2C functionality
- Unified Power Line modem (PLM) connector
- DC/DC converter L7986A (+24V/+5V)
- MicroSDcard socket
- 3 LEDs
- 2 general purpose buttons
- System reset button



Description

The EVALSP320SHMI expansion board is intended to be used in conjunction with a SPEAr320S CPU board (sold separately: order code EVALSP320SCPU) to evaluate the SPEAr320S microprocessor with a variety of devices, especially in its HMI automation mode.

For further information contact your local STMicroelectronics sales office. www.st.com

Revision history

Table 1. Document revision history

Date	Revision	Changes
16-Jul-2012	1	Initial release

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