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## Evaluation board for SPEAr300 embedded MPU

Data brief

### Features

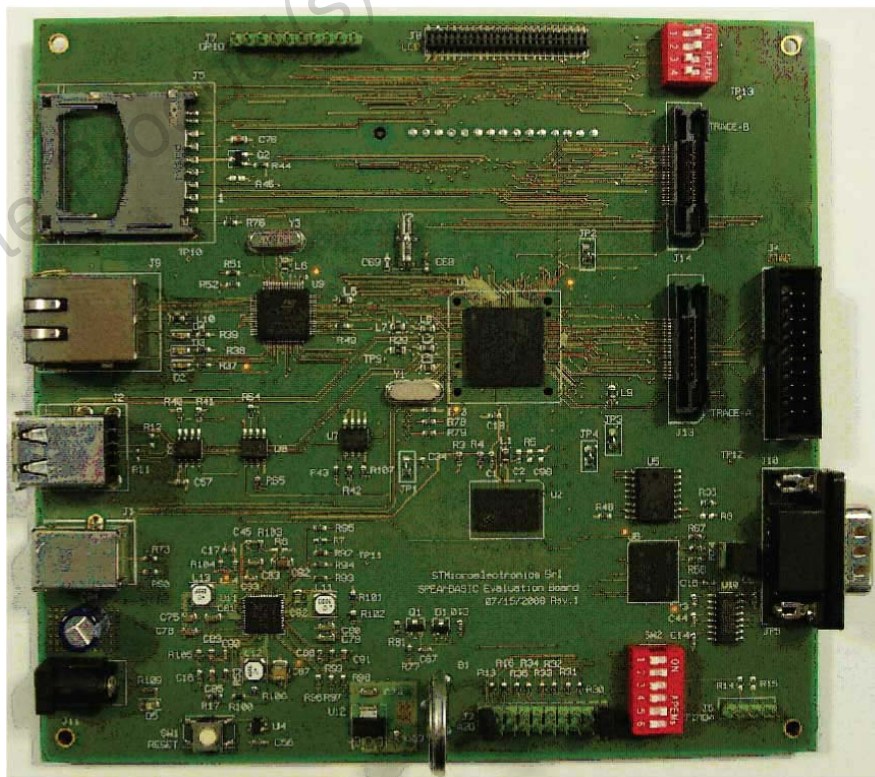
- SPEAr300 embedded MPU
- Up to 2 Gbits DDR2 333 MHz (std 128 MB)
- Up to 16 MB serial Flash memory (std 8 MB)
- Up to 2 Gb NAND Flash memory (std 64 MB)
- 4 Kb serial I2C
- 4 Mb SPI Flash memory
- Two USB 2.0 full Host port channels
- One USB 2.0 HS Device
- 10/100 Ethernet port
- One serial port (up to 115 Kbaud)
- Debug ports (JTAG + ETM9)

- 8 ADC channels (10 bit, 1 Msamples)
- 8 GPIOs
- LCD I/F up to 24 bits-per-pixel (bpp)
- SD card interface

### Description

The EVALSPEAr300 evaluation board allows you to quickly evaluate and debug software for the SPEAr300. It acts as a learning tool to rapidly get familiar with the SPEAr300 features and provides a starting point for the development of the final application board. It is equipped with most of the interfaces offered by the SPEAr300.

Figure 1. EVALSPEAr300 evaluation board



## Revision history

**Table 1. Document revision history**

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 20-Sep-2010 | 1        | Initial release. |

Obsolete Product(s) - Obsolete Product(s)

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