



# STM32-MICRIUM

## STM32CMICOS-EVAL

### $\mu$ C/OS-III real-time kernel for the STM32 family

Data brief

## Features

- STM32CMICOS-EVAL evaluation board based on the STM32 connectivity line microcontroller, STM32F107
- Book covering  $\mu$ C/OS-III features including:
  - Preemptive multitasking with round-robin scheduling of tasks at the same priority
  - Support of an unlimited number of tasks and other kernel objects
  - Semaphores
  - Mutual exclusion semaphores with full priority inheritance
  - Event flags
  - Message queues
  - Timers
  - Fixed-size memory block management, and more



## Description

The STM32-MICRIUM package consists of an evaluation board and a book. It provides a step-by-step look at the inner workings of Micrium's latest real-time kernel,  $\mu$ C/OS-III.

The first part of the book covers the internals of  $\mu$ C/OS-III and the second part provides numerous examples that run on the companion evaluation board.

Available from STMicroelectronics and [www.micrium.com](http://www.micrium.com).

Table 1. Device summary

Order code	Reference
STM32CMICOS-EVAL	Evaluation package for MICRIUM operating system

# 1 Revision history

**Table 2. Document revision history**

Date	Revision	Changes
13-Sep-2010	1	Initial release.

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