# MCBTMPM395

**Evaluation Board and Starter Kit**



The Keil MCBTMPM395 Evaluation Boards enable you to create and test working programs based on the Toshiba TMPM395 family of ARM Cortex™-M3 processor-based devices.

## Features

- TMPM395FWAXBG ARM Cortex™-M3 processor-based MCU in P-TFBGA120 package
- On-Chip Flash: 128KB
- On-Chip RAM: 8KB
- UART, SSP, I$^2$C, and 57 GPIO via PCB headers
- SD/MMC Card connector using SPI interface
- HDMI interface
- USB to serial COM converter
- 3 LEDs - 2 GPIO and 1 Power
- 6 push-buttons - Reset, NMI, 4 user defined (via GPIO)
- 1 Potentiometer connected to A/D
- Debug Interface Connectors
    - 10-pin Cortex debug (0.05 inch connector)
    - 20-pin Cortex debug + ETM Trace (0.05 inch connector)
    - 20-pin ARM Standard JTAG (0.1 inch connector)

## Evaluation Software

The MCBTMPM395 Evaluation Board and Starter Kits include the MDK-ARM Evaluation Tools. These tools help you get started writing programs and testing the microcontroller and its capabilities. Sample applications that run on the MCBTMPM395 evaluation boards, and a Quickstart guide are included.

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