



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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<sup>2</sup>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.