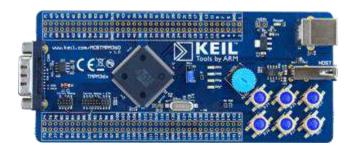
## MCBTMPM360

**Evaluation Board and Starter Kit** 



The Keil MCBTMPM360 Evaluation Boards enable you to create and test working programs based on the Toshiba TMPM360 family of ARM Cortex™-M3 processor-based devices.

The MCBTMPM360 Evaluation Board is available in two configurations:

- The MCBTMPM362 Evaluation Board is populated with a Toshiba TMPM362F10 device
- The MCBTMPM364 Evaluation Board is populated with a Toshiba <u>TMPM364F10</u> device providing the additional functionality of CAN and USB

## **Features**

- 64MHz ARM Cortex<sup>™</sup>-M3 processor-based MCU in 144-pin LQFP
- On-Chip Flash: 1MB (TMPM362/TMPM364)
- On-Chip RAM: 64KB (TMPM362/TMPM364)
- USB 2.0 Host (TMPM364 only)
- CAN 2.0 Interface (TMPM364 only)
- UART, I<sup>2</sup>C, and 120 GPIO via PCB headers
- Potentiometer for ADC Input
- 5 LEDs and 6 push-buttons
- Power via USB connector
- Debug Interface Connectors
  - 10-pin Cortex debug (0.05 inch connector)
  - 20-pin Cortex debug + ETM Trace (0.05 inch connector)

## **Evaluation Software**



The MCBTMPM360 evaluation boards and Starter Kits include the <u>MDK-Lite</u> development tools. These tools help you get started writing programs and testing the microcontroller and its capabilities. Sample applications that run on the MCBTMPM360 evaluation boards, and a Quickstart guide are included.

## **Ordering Information**

The MCBTMPM360 is available as stand alone evaluation boards or as a  $\underline{\text{starter kit}}$  which includes the  $\underline{\text{ULINK-ME}}$  debug adapter.

- MCBTMPM362: MCBTMPM362 evaluation board
- MCBTMPM364: MCBTMPM364 evaluation board
- MCBTMPM362UME: MCBTMPM362 starter kit (includes ULINK-ME)
- MCBTMPM364UME: MCBTMPM364 starter kit (includes ULINK-ME)