

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 [TMPM364F10](#) device providing the additional functionality of CAN and USB

Features

- 64MHz ARM Cortex™-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, I²C, 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 [MDK-Lite](#) 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 [starter kit](#) which includes the [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)