MCBTMPM360 Evaluation Board

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, I^{2}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) ✓RoHS Pb

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)

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