MCBSTM32EXL
Evaluation Board and Starter Kit

The Keil MCBSTM32EXL Evaluation Boards enable you to create and test working programs based on the STMicroelectronics STM32 family of ARM Cortex™-M3 processor-based devices.

Features

- 72MHz STM32F103ZG ARM Cortex™-M3 processor-based MCU in 144-pin LQFP
- On-Chip Memory: 1MB Flash and 96KB RAM
- External Memory: 8MB SPI Flash and 1MB RAM
- USB 2.0 Full speed Device Interface
- CAN 2.0 and Serial Interfaces
- Potentiometer for ADC Input
- Up to 42 GPIO
- QVGA LCD-TFT color graphics display with 16-bit interface
- MicroSD Card Interface
- Speaker for analog output
- Joystick with 5 positions
- 8 User LEDs and 4 push-buttons
- Power via USB connector
- Debug Interface Connectors
    - 20-pin ARM JTAG (0.1 inch connector)
    - 20-pin Cortex debug + ETM Trace (0.05 inch connector) ✓RoHS Pb

Evaluation Software

The MCBSTM32EXL Evaluation Board and Starter Kit 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 MCBSTM32EXL evaluation boards, and a Quickstart guide are included.

Ordering Information

The MCBSTM32EXL is available as a stand alone evaluation board or as a **starter kit** which includes the
ULINK-ME debug adapter.
- **MCBSTM32EXL**: MCBSTM32EXL evaluation board
- **MCBSTM32EXLUME**: MCBSTM32EXL starter kit (includes ULINK-ME)