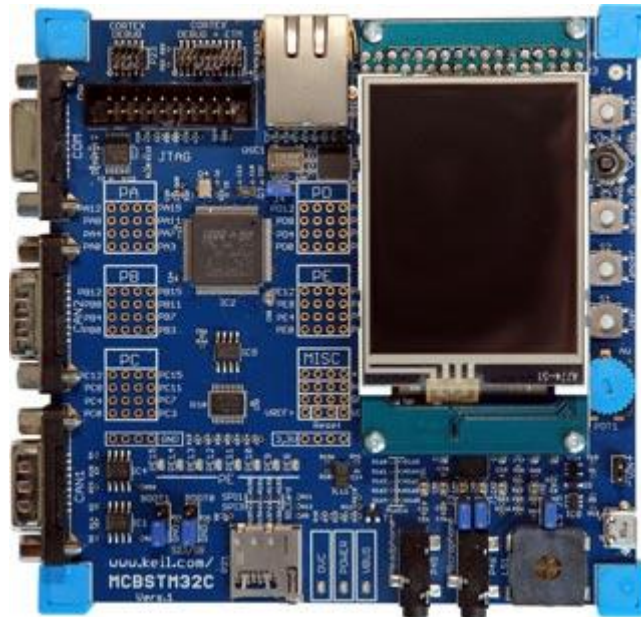# MCBSTM32C

The Keil MCBSTM32C Evaluation Board enables you to create and test working programs based on the STMicroelectronics STM32 Connectivity Line family of ARM Cortex™-M3 processor-based devices.

Features

- 72MHz STM32F107VC ARM Cortex™-M3 processor-based MCU in 100-pin LQFP
- On-Chip Memory: 256KB Flash & 64KB RAM
- External Memory: 8KB I^{2}C Flash
- Color QVGA TFT LCD with touchscreen
- 10/100 Ethernet Port
- USB 2.0 Full Speed - USB, USB-OTG, & USB Host
- 2 CAN Interfaces
- Serial/UART Port
- MicroSD Card Interface
- 5-position Joystick and push-button
- 3-axis Motion sensor / Accelerometer
- Analog Voltage Control for ADC Input
- Audio CODEC with Line-In/Out and Speaker
- 80 GPIO pins
- Debug Interface Connectors
  - 20 pin JTAG (0.1 inch connector)
  - 10 pin Cortex debug (0.05 inch connector)
  - 20-pin Cortex debug + ETM Trace (0.05 inch connector) ✓RoHS Pb

Evaluation Software

The MCBSTM32C 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 MCBSTM32C and a Quickstart guide are included.

Ordering Information

The MCBSTM32C is available as a stand alone evaluation board or as a **starter kit** which includes the ULINK-ME debug adapter.

- **MCBSTM32C**: MCBSTM32C evaluation board
- **MCBSTM32CUME**: MCBSTM32C starter kit (includes ULINK-ME)