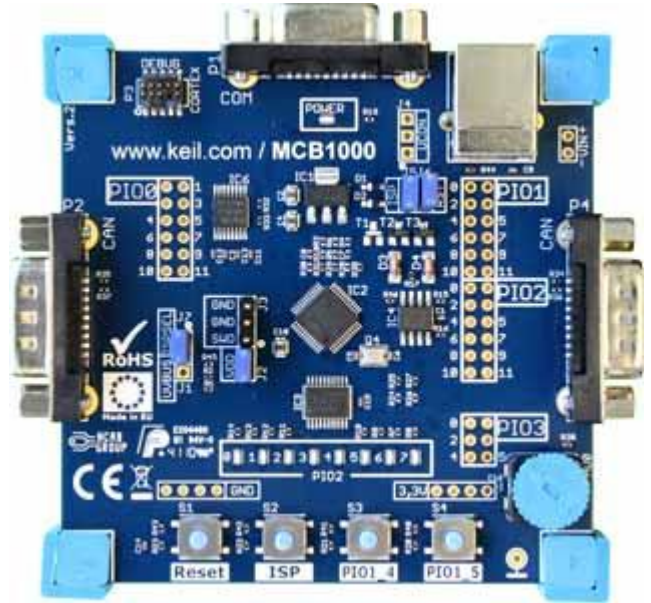# ARM MCB1000 Evaluation Board **KEIL** Tools by ARM

MCB1000
Evaluation Board and Starter Kit

The Keil MCB1000 Evaluation Boards enable you to create and test working programs based on the NXP family of ARM Cortex™-M0 and Cortex-M3 processor-based devices.

It is available in four configurations:

- The MCB1114 is populated with a NXP LPC1114FBD48/302 device
- The MCB11C14 is populated with a NXP LPC11C14FB48/301 device with CAN
- The MCB11U14 is populated with a NXP LPC11U14FB48/201 device with USB
- The MCB1343 is populated with a NXP LPC1343FBD48 device with USB

Features

- 50MHz ARM Cortex-M0 processor-based MCU in 48-pin LQFP (MCB1114, MCB11C14 & MCB11U14)
- 72MHz ARM Cortex-M3 processor-based MCU in 48-pin LQFP (MCB1343)
- On-Chip Memory: 32KB Flash and 8KB RAM (6KB LPC11U14)
- CAN 2.0 Interface (LPC11C14 only)
- USB 2.0 Device (LPC11U14 and LPC1343 only)
- Serial Interface
- Potentiometer for ADC Input
- Up to 42 GPIO
- 8 User LEDs + power
- 4 push-buttons (2 GPIO, ISP, & reset)
- Power via USB connector
- Debug Interface Connectors
    - 10-pin Cortex debug (0.05 inch connector) ✓RoHS Pb

Evaluation Software

The MCB1000 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 MCB1000 evaluation boards, and a Quickstart guide are included.

Ordering Information

The MCB1000 is available as stand alone evaluation boards or as **starter kits** which includes the ULINK-ME debug adapter.

- **MCB1114**: MCB1114 evaluation board
- **MCB1114UME**: MCB1114 starter kit (includes ULINK-ME)
- **MCB11C14**: MCB11C14 evaluation board
- **MCB11C14UME**: MCB11C14 starter kit (includes ULINK-ME)
- **MCB11U14**: MCB11U14 evaluation board
- **MCB11U14UME**: MCB11U14 starter kit (includes ULINK-ME)
- **MCB1343**: MCB1343 evaluation board
- **MCB1343UME**: MCB1343 starter kit (includes ULINK-ME)

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