ARM MCB2140 Evaluation Board **KEIL** Tools by ARM
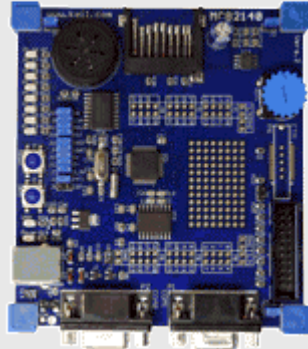
MCB2140 Evaluation Board

The Keil MCB2140 Evaluation Board introduces you to the NXP (founded by Philips) LPC2140 ARM family and allows you to create and test working programs for this advanced architecture.

The Keil MCB2140 Evaluation Board connects to your PC using the serial port (for Flash download using FlashMagic) or the JTAG interface (for program debug using a Keil ULINK family USB-JTAG Adapter and the µVision IDE and Debugger).

An on-chip USB interface, two serial interfaces, a speaker, analog input (via potentiometer), and eight LEDs make this board a great starting point for your next ARM project.

Components Included

The MCB2140 Evaluation Board includes the following:

- MCB2140 Evaluation Board,
- MDK-ARM Evaluation Tools.

System Requirements
- PC with one available USB port,
- Windows 2000, XP and Vista,
- One CD-ROM drive,
- ULINK family USB-JTAG Adapter for high-performance Debug/Download (optional).

Starter Kit

The MCB2140 is also available as a starter kit which includes the ULINK-ME USB-JTAG adapter.

Part numbers are:

- **MCB2140**
  Board Only
- **MCB2140UME** MCB2140 + ULINK-ME

Evaluation Software

The MCB2140 Evaluation Board and Starter Kit include MDK-ARM Evaluation Tools. These tools help you get started writing programs and testing the microcontroller and its capabilities. Many sample applications including several USB examples for the MCB2140 are included.