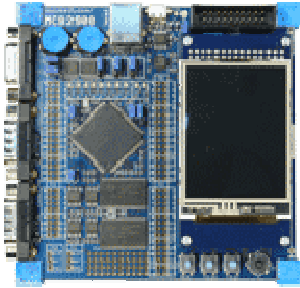


MCB2929

Evaluation Board and Starter Kit



The Keil MCB2929 Evaluation Board introduces the NXP LPC2900 family of ARM9 processor-based devices, allowing you to create and test working programs for this advanced architecture. The MCB2929 has a wide range of interfaces making it a great starting point for your next ARM project.

MCB2929 Features

- 125MHz LPC2929 ARM968E-S processor-based MCU in 144-pin LQFP
- On-Chip Memory: 768KB Flash, 56KB RAM, & 16KB EEPROM
- External Memory: 1MB SRAM
- Color QVGA TFT LCD with touchscreen
- USB 2.0 Full Speed - USB, USB-OTG, & USB Host
- 2 CAN Interfaces
- Serial Ports
- MicroSD Card Interface
- 5-position Joystick and push-button
- Analog Voltage Control (2) for ADC Input
- 104 GPIO pins
- [20 pin JTAG](#) (0.1 inch connector)

Ordering Information

The MCB2929 is available as a stand alone evaluation board or as a starter kit which includes the [ULINK-ME](#) USB-JTAG adapter.

Part numbers are:

- **MCB2929:** MCB2929
- **MCB2929UME:** MCB2929 [starter kit](#)

Evaluation Software

The MCB2929 Evaluation Board and Starter Kit include the [MDK-ARM Evaluation Tools](#). These tools help you get started writing programs and testing the microcontroller and its capabilities. Sample applications that run on the MCB2929 and a [Quickstart guide](#) are included.