# OM13064
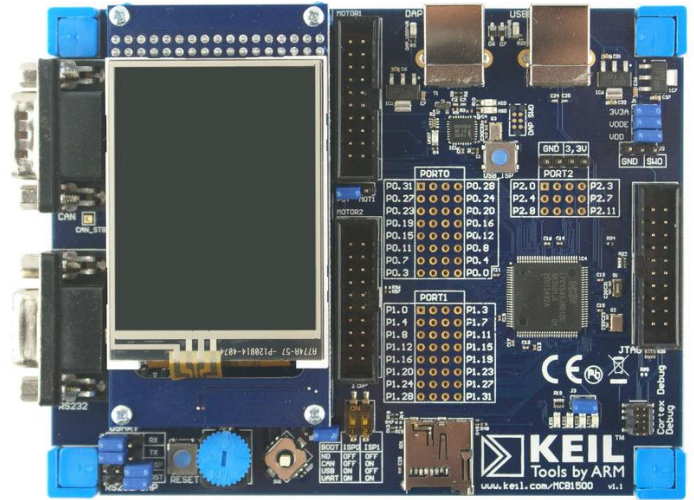**Keil MCB1549 Evaluation Board**

## Demo board description

The Keil MCB1549 Evaluation Board introduces you to the NXP LPC1500 family and allows you to create and test working programs for this advanced architecture.
The MCB1549 Evaluation Board 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 and quick start guide for the MCB1549 are included.

## Features

- 72 MHz LPC1549 with Cortex-M3 processor in LQFP100 package
- 36 KB On-Chip SRAM
- 256 KB On-Chip Flash
- On-Board Memory: 16 MB NOR Flash, 4 MB Quad-SPI Flash, 16 MB SDRAM, & 16 KB EEPROM (I²C)
- Color QVGA TFT LCD with touchscreen
- CAN interfaces
- Serial/UART Port
- MicroSD Card Interface
- Digital Temperature Sensor (I²C)
- Analog Voltage Control for ACD Input
- Debug Interface Connectors:
    - 20-pin JTAG (0.1 inch)
    - 10-pin Cortex debug (0.05 inch)
    - 20-pin Cortex debug + ETM Trace (0.05 inch)
- DAP connector
- Full speed USB 2.0

## Descriptive Summary

### Overview

The Keil MCB1549 Evaluation Board enables you to create and test working programs based on the LPC1500 family of ARM Cortex™-M3 based devices.
All of the Keil boards are ready-to-run, straight out of the box and include everything you need to get up and running quickly.

### Demo Box Contents:

- MCB1549 Development Board