Manuals+ — User Manuals Simplified.

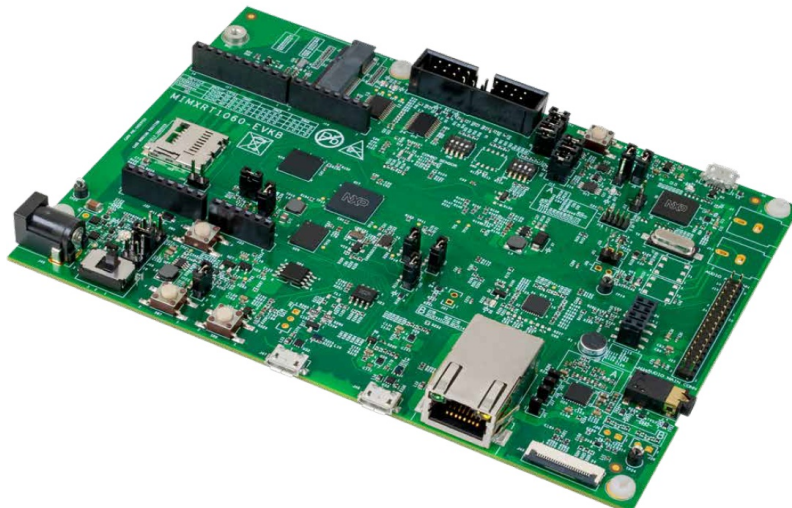# NXP MIMXRT1060-EVKB Evaluation Kit User Guide

Contents

NXP MIMXRT1060-EVKB Evaluation Kit

Product Information

MIMXRT1060-EVKB Evaluation Kit
The MIMXRT1060-EVKB Evaluation Kit is a development board designed to evaluate and prototype applications using the i.MX RT1060 crossover MCU. The board features a range of interfaces including Ethernet, USB, Audio, Camera, and LCD touch interface, allowing developers to quickly get started with their designs.
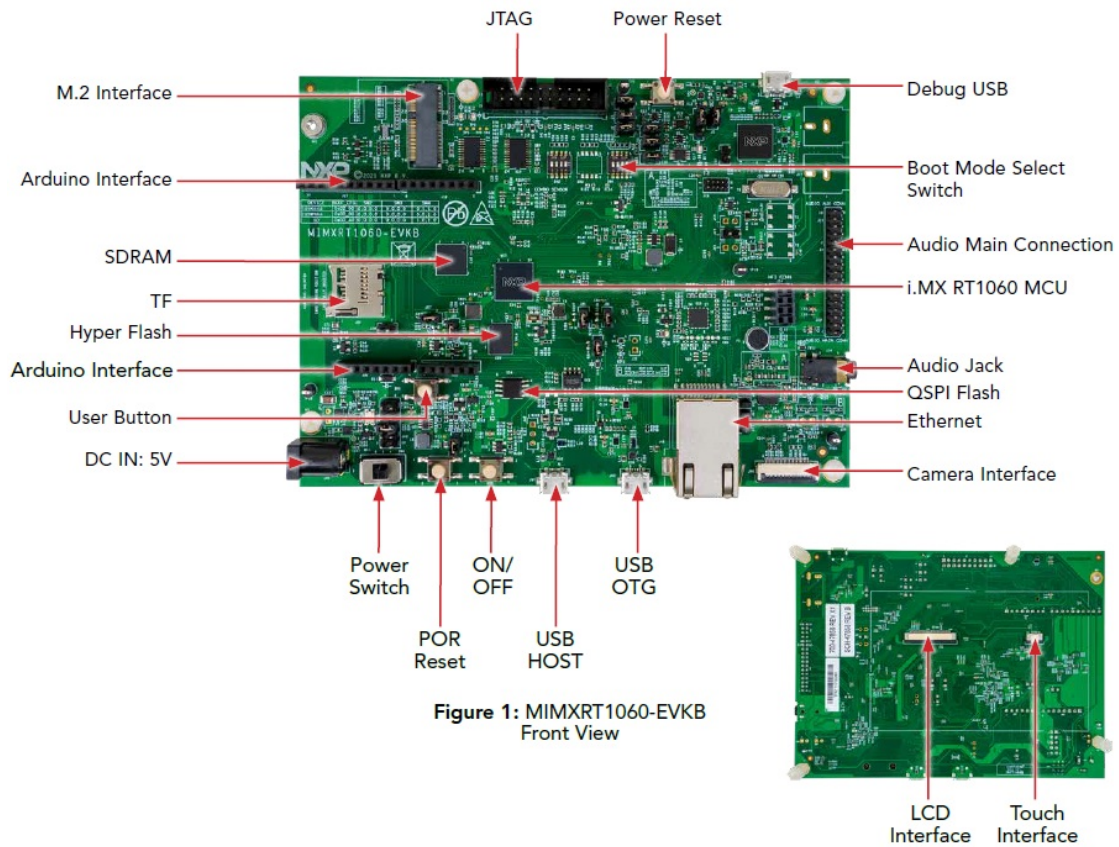
Features

- i.MX RT1060 crossover MCU
- USB OTG and USB Host interfaces
- Ethernet Interface
- Audio and Camera Interfaces
- LCD Touch Interface
- On-board HyperFlash and QSPI Flash memories
- User Button and Power Switch
- JTAG and Debug USB interfaces
- SDRAM and Micro SD Card Interfaces
- Arduino-compatible interface headers

Usage Instructions

1. Connect the MIMXRT1060-EVKB board to a PC using the included micro-USB cable to USB connector (J1).
2. The MIMXRT1060-EVKB comes preprogrammed with a demo that will initiate the LED on the board to flash periodically when plugged in.
3. To explore more out-of-box demos and download software and tools, visit **www.nxp.com/MIMXRT1060-EVK/StartNow**.
4. To get started with your own designs, download installation software and documentation under Jump Start Your Design at **www.nxp.com/MIMXRT1060-EVK/startnow**.
5. If you require support, visit **www.nxp.com/support** for a list of phone numbers within your region.
6. For complete warranty information, visit **www.nxp.com/warranty**.

By following these usage instructions, you can quickly get started with the MIMXRT1060-EVKB Evaluation Kit and start evaluating and prototyping applications using the i.MX RT1060 crossover MCU.

GET TO KNOW THE MIMXRT1060-EVKB

Figure 1: MIMXRT1060-EVKB
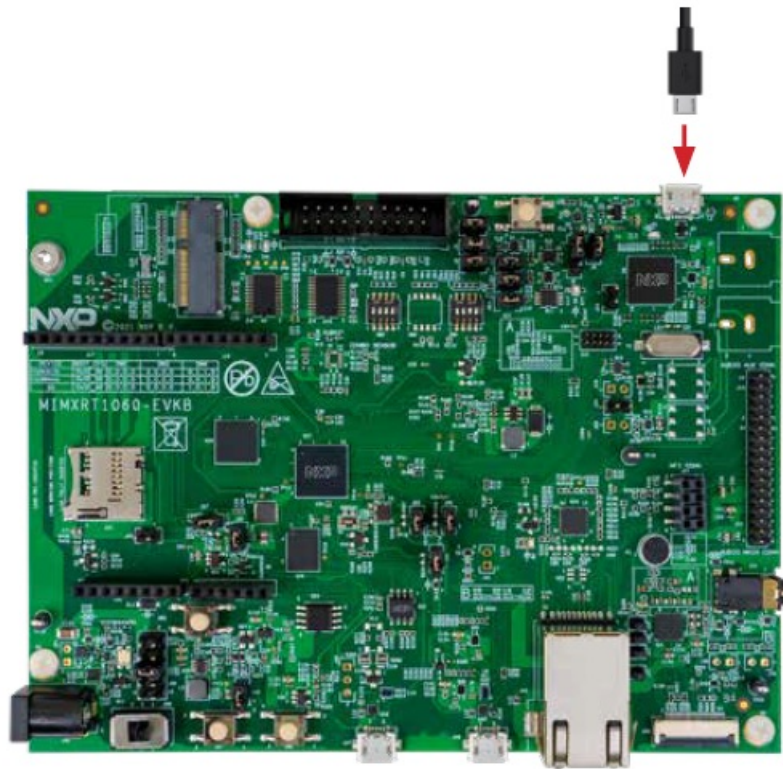Front View

Figure 2: MIMXRT1060-EVKB
Back View

HOW TO GET STARTED

The evaluation kit is shipped with an MIMXRT1060-EVKB board and a USB cable .

1. Connect the MIMXRT1060-EVKB board to a PC using the included micro-USB cable to USB connector (J1). The MIMXRT1060-EVKB comes preprogrammed with a demo that will initiate the LED on the board to flash periodically when plugged in.
2. Explore more out-of-box demos and download software and tools on **www.nxp.com/MIMXRT1060-EVK/StartNow**.

GET STARTED

Download installation software and documentation under "Jump Start Your Design" at
www.nxp.com/MIMXRT1060-EVK/startnow.

SUPPORT
Visit **www.nxp.com/support** for a list of phone numbers within your region.

WARRANTY

Visit **www.nxp.com/warranty** for complete warranty information.
www.nxp.com/MIMXRT1060-EVK/startnow

- **Document Number:** MIMXRT1060EVKBQSG REV 1
- **Agile Number:** 926-79035 Rev B

Documents / Resources

NXP MIMXRT1060-EVKB Evaluation Kit [pdf] User Guide
MIMXRT1060-EVKB Evaluation Kit, MIMXRT1060-EVKB, Evaluation Kit

References

- [Get Started with the MIMXRT1060-EVK | NXP Semiconductors](#)
- [Get Started with the MIMXRT1060-EVK | NXP Semiconductors](#)
- [Support | NXP Semiconductors](#)
- [Returns and Warranty Information | NXP Semiconductors](#)

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