Quick Start Guide
MIMXRT685-EVK

Evaluation kit for the i.MX RT600 family of crossover MCUs

300 MHz Arm® Cortex®-M33 MCU
600 MHz Tensilica® Hi-Fi 4 DSP
4.5 MB SRAM, Dedicated 128KB/96KB DSP TCM/Cache
High-Speed Octal/QuadSPI for Execute-in-Place
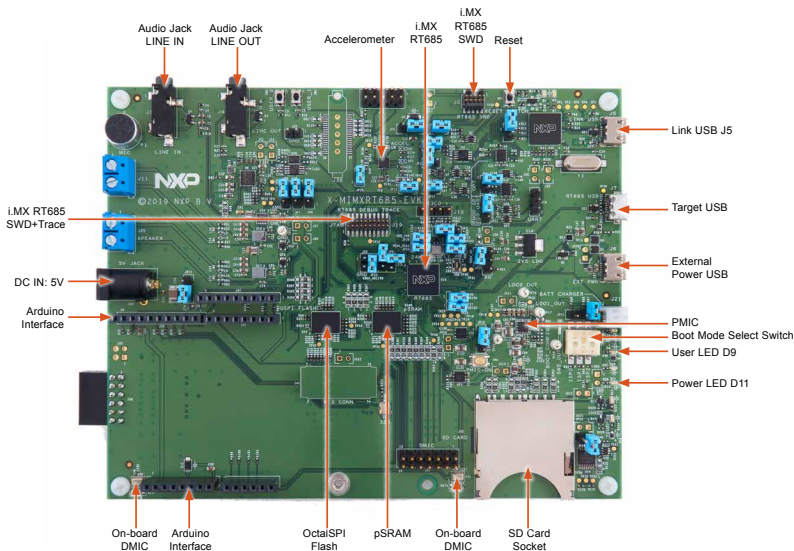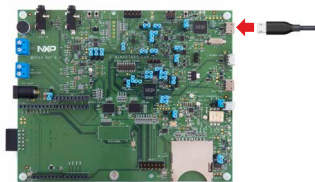
GET TO KNOW THE MIMXRT685-EVK BOARD

Figure 1: MIMXRT685-EVK Callouts

HOW TO GET STARTED

1. Connect the MIMXRT685-EVK board to a PC using the included micro USB cable to Link USB J5. The power LED, D11, will illuminate.

2. The MIMXRT685-EVK board comes pre-programmed with a demo. To verify the demo is running, LED D9 will blink on/off. The demo exercises the Cortex-M33 and DSP.

3. For more information on running the demo, access to additional out of the box demos and to download software and tools, please visit: **www.nxp.com/MIMXRT685-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.

Get Started

Download installation software and documentation at **www.nxp.com/MIMXRT685-EVK**.