

MCU-LINK

Debug Probe

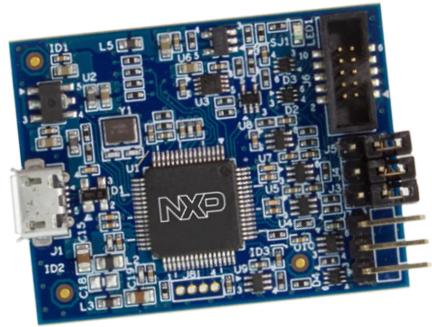
Product Overview

06-30-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

NXP Semiconductors MCU-Link Debug Probe is a powerful and cost-effective debug probe that can be used seamlessly with MCUXpresso Integrated Development Environments (IDEs). MCU-Link Debug Probe also includes a USB to UART bridge feature (VCOM) that provides a serial connection between the target MCU and a host computer. This debug probe is also compatible with third-party IDEs that support CMSIS-DAP protocol. The MCU-Link Debug Probe is based on the LPC55S69 microcontroller that features a high-speed USB interface for high-performance debug. MCU-Link is compatible with macOS, Linux, and Windows 10. A free utility from NXP provides an easy way to install firmware updates.



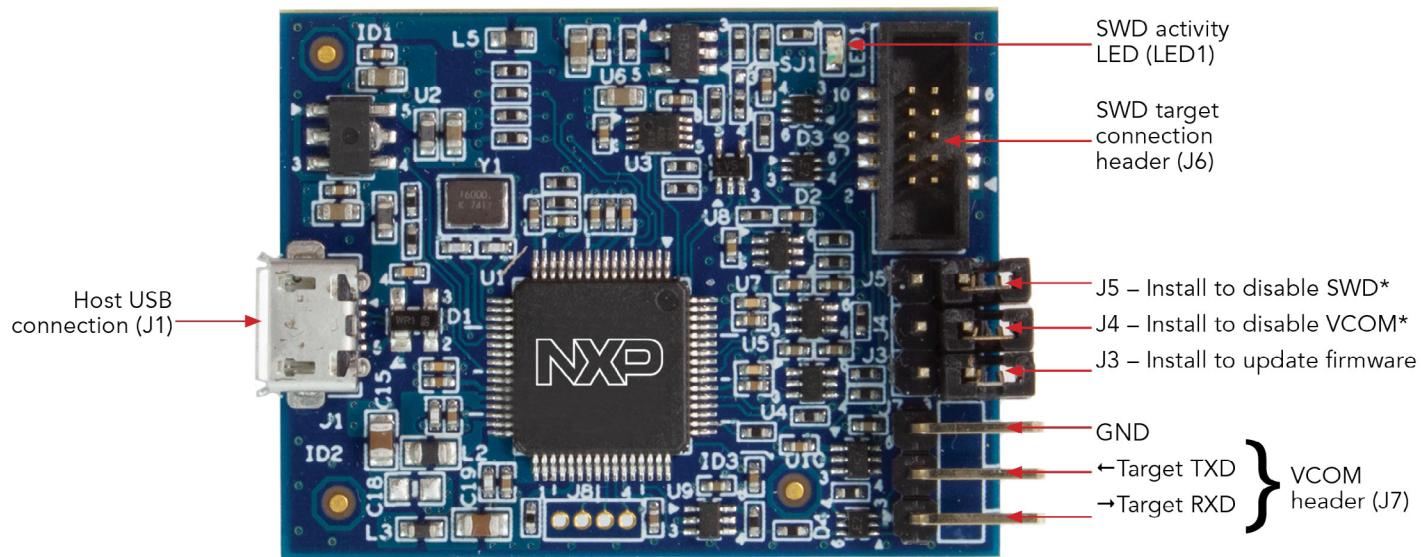
Features

- LPC55S69 dual Arm® Cortex®-M33 microcontroller running at up to 150MHz
- Target USB to UART bridge connectivity
- SWD activity LED user interface
- Simple firmware update via USB
- SWD/JTAG debug interface to target via 10-pin Core Sight connector
- SWO support for profiling, interrupt tracing, and low overhead data access

Kit Contents

- MCU-Link debug probe
- Target debug connector
- VCOM connector cable
- Spare jumpers

MCU-Link Debug Probe Block Diagram



*J4 and J5 jumper headers may not be installed on all boards.

Mouser Part Number(s)

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<https://www.mouser.com/new/nxp-semiconductors/nxp-mcu-link-debug-probe/>