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SEGGER J-Link Base Debug Probe

SEGGER J-Link Base Debug Probe User Guide

Contents

SEGGER

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Product Information

Specifications:

- **Product**: J-Link / J-Trace
- **Software Version**: 7.92
- **Manufacturer**: SEGGER Microcontroller GmbH
- **Supported Platforms**: Windows, Linux, MacOS

Product Usage Instructions:

Introduction
Thank you for choosing J-Link / J-Trace as your debugging and programming solution. This manual provides a quick start guide for using J-Link / J-Trace and the J-Link Software and Documentation Pack.

Getting Started
J-Link / J-Trace is compatible with all common IDEs in the embedded market. The J-Link Software and Documentation Pack includes a GDB Server, making it compatible with IDEs supporting the GDB interface. For a list of tested IDEs and detailed instructions, visit the SEGGER homepage.

Supported Cores and Tested Devices
Detailed information on the supported cores and tested devices can be found in the product documentation.

Supported IDEs / Debuggers
J-Link / J-Trace is supported by various IDEs and debuggers. Ensure compatibility with your preferred IDE by referring to the SEGGER homepage for a list of supported software.

Troubleshooting
If you encounter issues that cannot be resolved using the provided resources and your product is within the support period (1 year), contact our support team via the support ticket system.

Other Products of Interest
SEGGER offers additional tools, both software and hardware, to enhance debugging and production capabilities. Explore products that complement J-Link / J-Trace on the SEGGER homepage.

FAQ

- **How can I check if my IDE is compatible with J-Link / J-Trace?**

  Visit the SEGGER homepage for a list of tested IDEs and compatibility information.
- **What should I do if I encounter issues with my J-Link / J-Trace?**

  If troubleshooting steps do not resolve the problem and your product is within the support period, contact our

  support team via the support ticket system for assistance.

Introduction

Thank you for choosing J-Link / J-Trace as your debugging and programming solution. This manual presents a quick start guide for J-Link / J-Trace and the J-Link Software and Documentation Pack, supported on Windows, Linux and MacOS. SEGGERs motto is "It simply works" which also applies to getting started with debug probes and the related software.

Overview

Getting started
The only thing you have to do is downloading and installing the J-Link Software and Documentation Pack from the SEGGER homepage. It is a free of charge software pack that contains a wide variety of tools used for debugging and production. For more information about what is included in the J-Link Software and Documentation Pack, please refer to:

- J-Link / J-Trace Manual
- J-Link Software and Documentation Pack release notes

Supported Cores and tested devices
J-Link / J-Trace together with the J-Link Software and Documentation Pack provide support for a wide variety of cores and devices. For a list of cores and devices supported by J-Link / J-Trace, please refer to:

- List of supported Cores
- List of supported Devices

Supported IDEs / debuggers
J-Link / J-Trace is supported by all common IDEs on the embedded marked. As the J-Link Software and Documentation Pack also comes with a GDB Server, all IDEs supporting the GDB interface are automatically

working with J-Link / J-Trace. For a list of tested IDEs,including getting started instructions, please refer to the SEGGER homepage.

Troubleshooting

If you have questions or if you encounter issues, we recommend to check out our Wiki first:

- **Troubleshooting guide** – Related to issues between PC & Probe or Probe & CPU.
- **J-Trace wiki article** – Information and troubleshooting related to TRACE.

  If this does not help you out and your J-Link / J-Trace is still within support period (1 year), please feel free to contact our support team via our support ticket system.

  Note

  Please do not forget to mention the following points:

    - J-Link/J-Trace serial number.
    - Information about your target hardware (processor, board, etc.).
    - A detailed description of the problem.
    - Screenshots of all warnings/errors.
    - Output of the J-Link Commander if available.
    - Your findings of the signal analysis.

Other products of interest

SEGGER provides additional tools (soft- and hardware) to support the user for debugging and production purposes. This chapter provides a small overview of the products that are connected to the J-Link / J-Trace and its software in the closest way.

- **SEGGER Embedded Studio** – SEGGERs IDE solution.
- **SEGGER Ozone** – SEGGERs debugger solution. Ideal for usage with J-Trace.
- **SEGGER SystemView –** SEGGERs code instrumentation tool.

  For an overview of all SEGGER products, please refer to the SEGGER homepage.

Documents / Resources

J-Link / J-Trace Getting started Document: UM08001 Software Version: 7.92 Date: August 11, 2022 **SEGGER** A product of SEGGER Microcontroller GmbH www.segger.com	**SEGGER J-Link Base Debug Probe** [pdf] User Guide J-Link Base Debug Probe, J-Link, Base Debug Probe, Debug Probe

References

- ▣ **Software Development Tools by SEGGER – The Embedded Experts**
- ▣ **J-Link cannot connect to the CPU - SEGGER Wiki**

- 📰 **J-Trace - SEGGER Wiki**
- 📰 **UM08001 J-Link / J-Trace User Guide - SEGGER Wiki**
- 📰 **Software Development Tools by SEGGER – The Embedded Experts**
- 📰 **Release notes for the J-Link / Flasher Software and Documentation Package**
- 📰 **SEGGER - The Embedded Experts - Downloads - J-Link / J-Trace**
- 📰 **SEGGER J-Link debug probes**
- 📰 **Supported CPUs and devices**
- 📰 **J-Link: Supported IDEs Overview**
- 📰 **Embedded Studio: The Multi-Platform IDE**
- 📰 **Ozone – The Performance Analyzer**
- 📰 **SystemView**
- 📰 **Ticket | SEGGER - The Embedded Experts**
- 📰 **Supported Devices - J-Link**
- **User Manual**