

## Overview

The XJLink is a small, portable, USB 2.0 to JTAG adapter that provides a high speed interface (480Mbps) to the JTAG chain.

The small, lightweight design means the XJLink can easily be moved to the Unit Under Test (UUT), while a number of advanced features make it easy to connect to a wide range of circuit boards.

### Your test system where you want it

The XJLink contains the license for your XJTAG system. This allows you to easily move your licenses around on and off site to give you maximum flexibility. This also means you aren't tied to one machine to do your XJTAG testing.



### Light & portable

The XJLink can work with a laptop PC with a USB port and can supply power to low-power target systems, so testing can be done even without a source of mains power. This is especially useful if testing has to be done in the field or in a very busy lab.

### Configurable JTAG interface

Only a simple cable assembly is required to connect to your target board — no extra adapters needed. The 20-way connector on the XJLink is configurable from your test system. The ability to change the pinmap for the JTAG signals simplifies the process of connecting your XJTAG test system to the Unit Under Test.

### Advanced connectivity

The XJLink has variable signal termination, so it can handle boards both with and without signal termination. The advanced auto-skew control enables you to get the maximum frequency out of your JTAG chain and cable.

## Key Benefits

- Small, lightweight, portable design: ideal for lab and field work
- Self-contained licence allowing you to use the XJTAG system on multiple machines
- Re-configurable unit for multiple UUTs saving costs

## Features

- High speed USB 2.0 interface, backwards compatible with USB 1.0 & 1.1
- USB bus-powered (no external PSU)
- TCK clock frequencies up to 50MHz
- Adjustable JTAG signal termination
- Automatic signal skew control
- Handles different cable and board configurations
- Can supply power to the target board (3.3V, <100mA)
- JTAG signals are +5V tolerant.
- Spare signals on JTAG connector can be used to control other items — e.g. hold a board in reset / turn on a PSU



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