



XJRunner

Run-time Manufacturing Test & Programming Environment

RUN-0010

- ✓ Execute Tests
- ✓ Short, open faults
- ✓ Automated connection test
- ✓ Parallel testing with auxiliary controllers
- ✓ JTAG chain debugger
- ✓ Layout viewer
- ✓ Schematic viewer
- ✓ Log files
- ✓ Fault dictionaries
- ✓ LabVIEW / TestStand integration

OPTIONAL



XJAnalyser



Network Licensing



XJDeveloper

IDE for Test & Programming Development & Debug

DEV-0010

- ✓ Develop Test Projects
- ✓ Intelligent project setup
- ✓ Multi-board setups
- ✓ Huge test library of devices
- ✓ Hundreds of supported netlist formats
- ✓ Powerful XJEase scripting
- ✓ Integrated test debugger
- ✓ Test coverage reports

INCLUDED MODULE



XJRunner

Run-time manufacturing test & program

OPTIONAL



XJAnalyser



XJFlash



Network Licensing

BEST VALUE



XJDeveloper Plus

Extended IDE for Test & Programming Development & Debug

DEV-0011

- ✓ Develop Test Projects
- ✓ Intelligent project setup
- ✓ Multi-board setups
- ✓ Huge test library of devices
- ✓ Hundreds of supported netlist formats
- ✓ Powerful XJEase scripting
- ✓ Integrated test debugger
- ✓ Test coverage reports

ALL MODULES INCLUDED



XJRunner

Run-time manufacturing test & program



XJAnalyser

Real-time graphical board debug



XJFlash

Industry-leading fast flash programmer

OPTIONAL



Network Licensing



XJAnalyser Module

Using the graphical interface you can interact with devices in your JTAG chain to debug your boards. You simply click on a pin to control its state – no code required.

ANA-0010

*XJAnalyser is also available as a standalone application at the same price.



Network Licensing

Network licensing gives you the ability to access any of your software from a connected PC anywhere in the world. Add this to each piece of software you need to be network licensed.

NKL-0010

For each network license server, there is a one-off setup charge. This charge is the same for both virtual and physical servers.

NSS-0100



XJFlash Module

Using the XJFlash module, you can program flash connected to an FPGA at speeds limited only by the flash device itself. You can improve flash programming speeds up to 50-fold with certain flash/FPGA configurations.

FLS-0010



XJQuad

- +5 V** Voltage Protection
- 4** JTAG Controllers
- 4** TAPs per JTAG Controller
- 18** GPIO on Pins per Controller
- 2** Voltage Banks per Controller
- 2** Dedicated GND pins per Controller
- ✓ Up to 166 MHz TCK Frequencies
- ✓ Configurable Voltage
- ✓ Frequency Measurements
- ✓ Voltage Measurements
- ✓ Automatic Signal Skew Control
- ✓ Button to Start Tests
- ✓ Visual Indication of Test Status

Connection

USB

XQS-0040



XJLink2

- +5 V** Voltage Protection
- 1** JTAG Controller
- 4** TAPs
- 18** GPIO on Pins
- 2** Voltage Banks
- 2** Dedicated GND pins
- ✓ Up to 166 MHz TCK Frequencies
- ✓ Configurable Voltage
- ✓ Frequency Measurements
- ✓ Voltage Measurements
- ✓ Automatic Signal Skew Control
- Button to Start Tests
- ✓ Visual Indication of Test Status

Connection

USB – Yellow

XRL-0010

USB – Black

XRL-0011

PXI

RXX-0030

Keysight – i3070

AGS-0060

SPEA – 3030

SPS-0061



XJLink-PF40

- ±30 V** Voltage Protection
- 1** JTAG Controller
- 8** TAPs
- 40** GPIO on Pins
- 4** Voltage Banks
- 40** Dedicated GND pins
- ✓ Up to 166 MHz TCK Frequencies
- ✓ Configurable Voltage
- ✓ Frequency Measurements
- ✓ Voltage Measurements
- ✓ Automatic Signal Skew Control
- ✗ Button to Start Tests
- ✓ Visual Indication of Test Status
- ✓ Mounting Options Available

Connection

USB

XPF-0040



Support & Maintenance

Included for free for the first year, support & maintenance gives you:

- Technical support from our expert applications engineers available by email, phone and live support.
- Free hardware repair or replacement for failures in reasonable use
- Regular library updates expanding our supported devices across all of our products
- Discounted product upgrades if your needs change.
- Immediate access to new software releases with new features at no extra cost.

20% of hardware and software price charged yearly.
For XJRunner and Auxiliary Controllers, POA after the first unit.

POA – Price on application (contact XJTAG / Distributor for price).



Auxiliary Controllers

Additional controllers can be used to increase capacity without the need for additional software licenses. Simply connect extra controllers to a PC that already has one license, and the functionality of that license can be used with all connected controllers.

Just buy the controller, without any need for a software license.



Bespoke Development

XJTAG can carry out a DFT review of your projects as well as producing everything from individual device models if they don't already exist in the included libraries to cabling and adaptors all the way to full turnkey test systems to meet your test and programming requirements. POA.



XJDirect

Program the internal flash of your processors or SoCs and carry out non-boundary scan, at-speed functional test of connected devices – all from tests within XJRunner. POA.



XJAccelerator v2

Multipurpose unit that can be integrated with your XJTAG system to facilitate and accelerate programming functions as well as extending test coverage on a DUT.

ACC-0020



XJAccelerator v2 Active Protector

Additional optional protection for the XJAccelerator v2 board against potentially damaging voltages.

ACP-0022



XJAccelerator, SODIMM

A multipurpose FPGA module, in SODIMM form factor, to accelerate programming functions and extend test coverage as part of a test fixture.

ACS-0010



XJComms

An add-on to the XJIO Boards offering a test solution for common automotive interface signals (CAN, RS-485/RS-422, FlexRay, LIN).

COM-0010



XJExtender, Target Unit

Additional Target unit for use with XJExtender setups.

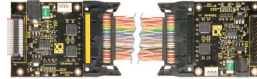
ERX-0010



XJExtender, Controller Unit

Additional Controller unit for use with XJExtender setups.

ETX-0010



XJExtender Controller+Target Pair

XJTAG's recommended solution to overcome signal integrity issues when connecting a JTAG controller to a DUT up to 10 m away.

XEX-0010



ICT Relay Board

Allows both a test controller and another piece of test/programming equipment access to the TAP control signals on a DUT, while ensuring the DUT is fully isolated.

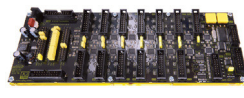
ICT-0010



ICT Expansion Board

Provides four channels of I/O for use with flying probe or other ICT systems. Add multiple units to increase the number of I/O channels.

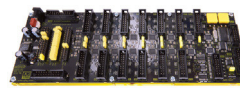
IOB-0010



XJIO Board

Expansion unit to improve the test coverage of your DUT. 208 I/O, 8 A/D, 8 D/A, buttons, LEDs.

IOC-0001



XJIO Board + RS232/UART

Expansion unit to improve the test coverage of your DUT. 208 I/O, RS232/UART, 8 A/D, 8 D/A, buttons, LEDs.

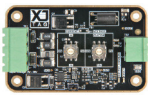
IOC-0012



XJIsolator

XJIsolator provides galvanic isolation between a DUT and a JTAG controller. Can be easily mounted inside a test fixture.

ISO-0010



Surge Protection Board

Provides safeguards against excessive inrush current, over-current and overvoltage for the Device Under Test (DUT).

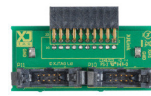
SPB-0010



XJXDP

Simply connect your XJTAG system to an Intel XDP debug header. Overcome the problems of interfacing to this low voltage, low impedance interface.

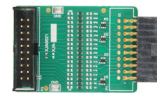
XDP-0010



2 x 10-way 2 mm Adaptor

20-way 0.1" connector into 2 x 10-way 2 mm connectors.

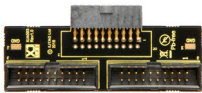
XJA-0010



Termination & Protection Board v2

Provides series termination for increased speed, reliability and higher transient protection.

XJA-0021



Splitter, Signal Integrity Board, Elbow

20-way 0.1" connector into 2 x 20-way 20.1" connectors. Improves signal integrity by putting a 'hard ground' connection between each active signal.

XJA-0030



Splitter, Signal Integrity Board, SFF

20-way 0.1" connector into 2 x 20-way 0.1" connectors. 'Hard ground' connections between active signals. Small Form Factor. Fits XJQuad.

XJA-0031



Splitter, Signal Integrity Board, PXI

20-way 0.1" connector into 2 x 20-way 0.1" connectors. Improves signal integrity by putting a 'hard ground' connection between each active signal.

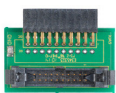
XJA-0032



Xilinx Adaptor

20-way 0.1" connector to a standard Xilinx 14-way 2 mm connector.

XJA-0040



0.1" to 2 mm Adaptor

20-way 0.1" connector to 20-way 2 mm connector.

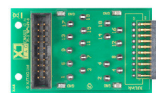
XJA-0050



0.1" to 1.27 mm Adaptor

20-way 0.1" connector to 20-way 1.27 mm connector.

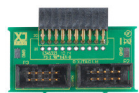
XJA-0060



Signal Breakout Board

Allows oscilloscope or test meter access to signals when connecting controller to DUT.

XJA-0080



2 x 10-way 0.1" Adaptor

20-way 0.1" connector into 2 x 10-way 0.1" connectors.

XJA-0100