## XK-1A Development Kit

The XK-1A is a low cost development board for exploring event-driven processor designs based on the XS1-L1 device. Multiple XK-1A boards can be linked together in a chain and two I/O expansion areas are provided for connecting additional components to the XK-1A. Design files for example add-on boards are available, including an SD card reader, a Bluetooth adapter and a Control Card.

The XK-1A is available as a kit with an XTAG-2 debug adapter that can be connected to the XK-1A to provide a JTAG interface to the board from a PC:

Contents	Part Number	Price	Buy	
XK-1A + XTAG-2	XK-1A			

The XK-1A can be powered directly from the XTAG-2 connector or from an external 5V power supply.

### ■ XK-1 and XK-1A Boards

The XK-1A board replaces the XK-1 board which is no longer available. The boards provide the same functionality apart from minor changes that are detailed in the XK-1 Development Kit Update document.

The XK-1A Tutorial can be used with the XK-1 Tutorial code for either board. The XK-1 add-on designs can also be used with either board.

- Single XS1-L1 device
- 400 MIPS
- Eight threads
- 64Kbytes RAM
- 8Kbytes OTP memory
- 128Kb SPI FLASH
- Four user-configurable LEDs and two push-button switches
- Two 20-way XSYS connectors for XTAG-2 debug adapter and additional XK-1As
- components
- 24 I/O user expansion

### XK-1A Board Features

- Two 16-way IDC headers for connecting additional

# **Hardware**



**Software** 



- 🔯 辄 XK-1 Control Card Design **Files**
- 🔯 軛 XK-1 SD Card Design Files
- 🔯 🔃 XK-1 Bluetooth Card **Design Files**
- XK-1A Design Files
- XK-1A Gerbers
- 🔯 📙 XK-1A BOM
- 🔯 📙 XK-1A Schematic

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# **Documentation**

🔯 🔎 XK-1 Product Brief

🔯 🔎 XK-1A Tutorial

🔯 📙 XK-1A Quick Start Guide

💢 📙 XK-1A Hardware Manual

### **Standards**

- RoHS
- REACH

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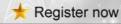




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XK-1A Board and XTAG-2 US

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