



XELTEK
SUPERPRO

SuperPro 3070 ISP Programmer

designed as a utility card of Agilent i3070 ICT System

Introduction

SuperPro 3070 is developed based on IS01 In-System Programmer. It is designed for Agilent Medalist i3070 Mux System. The features are very similar to IS01. The user may create project files with IS01 Software, and then operate the programmer through i3070 Mux System.

Detailed Features

- High speed ARM9 CPU based hardware engine. Programming speed adjustable for complicated application environments brought by user target board.
- Supports ISP programming of devices with I2C, SPI, CAN, UART, BDM, MW, JTAG, or any other serial port.
- Internal Linux O/S.
- Two operation modes: Stand-alone and PC-Host mode.
- DLL, API or Virtual Com communication command set available for third party application (Optional).
- USB 2.0 interface to PC for data communication and control.
- Over-current and ESD protection to protect your equipment.
- Comes with one-year free device update request support unless there is no PCB testing (engineering labor) involved
- Over-current protection circuit limits power to the target device.
- Serial number is written within the built-in flash memory, which will be displayed when powered on.

Hardware Specifications

- ISP cable accommodates I2C, SPI, UART, BDM, MON, MW, JTAG, CAN, ICC, RS232 interfaces.
- Cable driver circuit supports target voltage level of 1.5-5V and is also ESD protected.
- USB 2.0 interface for PC connection and management of project files on SD card.

Software Specifications

- Supports 5,000+ serial devices.
- Supports Jam and Staple files from ACTEL and ALTERA; Direct C files from ACTEL.
- Programming speed is selectable (High, Normal and Low) for compatibility with target environment and cable length
- Dynamic buffer function. Application examples include: device serial number, MAC address, frequency or transducer calibration, etc.
- File format on SD card: FAT16, FAT32
- Functions for IP protection: Project security, SD card security, batch control, administration management, etc.
- API and DLL are available for easy integration into customer systems such as ICT or ATE (option).
- Multiple unit operation via USB Hub

Application

- R&D applications like in-circuit tests and debugging.
- Volume production- Devices may be programmed after the board is fully assembled. One example is writing the serial number to an on-board serial device.
- Field application- Comes with portability, stand-alone mode, and an SD card. It is suitable for field tests, debugging and data acquisition.

Device Updates

- XELTEK updates software and device algorithm regularly.
- Download the current software version free of charge at Download Center.
- XELTEK also adds optional devices upon customer's request.

Technical & Warranty Support

Standard 2 Years Warranty: Included with purchase of SuperPro 3070. Covers device update and repair.

Programmer is warranted to be free of manufacturing or workmanship defects for two years from the date of purchase.

Items Included

- Main Unit
- AC adapter
- USB Cable
- ISP Cable
- SD Card
- CD-ROM