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Order Information | Device Support | Features | System Contents | Associated Products | Downloads

Proven architecture based on ten years' experience in ARM-based standard products - all based on the industry-standard ARM 32-bit RISC processor architecture

FS2009 - Atmel AT91SAM7 - ARM7 JTAG Device Library Licence

This Device Library supports In-System Programming (ISP) of the Atmel AT91SAM7 "S", "SE", "A" and "L" famiIes of ARM7 microcontrollers. This solution is aimed at high throughput production users who require the fastest possible programming of the on-chip FLASH memory of any AT91SAM7 microcontroller. The standard ARM JTAG Debug Port is used as the programming interface so no extra pins are needed to facilitate the ISP functionality.

Features

▸ Features

- High-speed In-System Programming (ISP) support of Atmel AT91SAM7 microcontrollers
- Programs the on-chip FLASH Memory of AT91SAM7 devices
- Uses standard ARM JTAG port as the ISP interface
- Very high-speed programming due to local data storage and optimised programming algorithms
- Programmers can be used in "Standalone Mode" (no PC) - Up to 64 SAM7S Programming Projects can be stored inside an FS003, PPM3-MK2 or PPM4-MK1 programmer
- Supports high-speed program / verify of the on-chip FLASH in a singe operation.
- Optimised Erase operations blanks the on-chip FLASH in less than 200ms
- Supports programming of non volatile Fuse Bits
- Supports blowing of the "Security Fuse" to protect code from being read out

▸ AT91SAM7 ISP Connections

**Atmel
AT91SAM7
ARM
FLASH
Microcontroller**

Product Information

Product: FS2009 - Atmel AT91SAM7 - ARM7 JTAG Device Library Licence

Manufacturer: **Equinox Technologies**
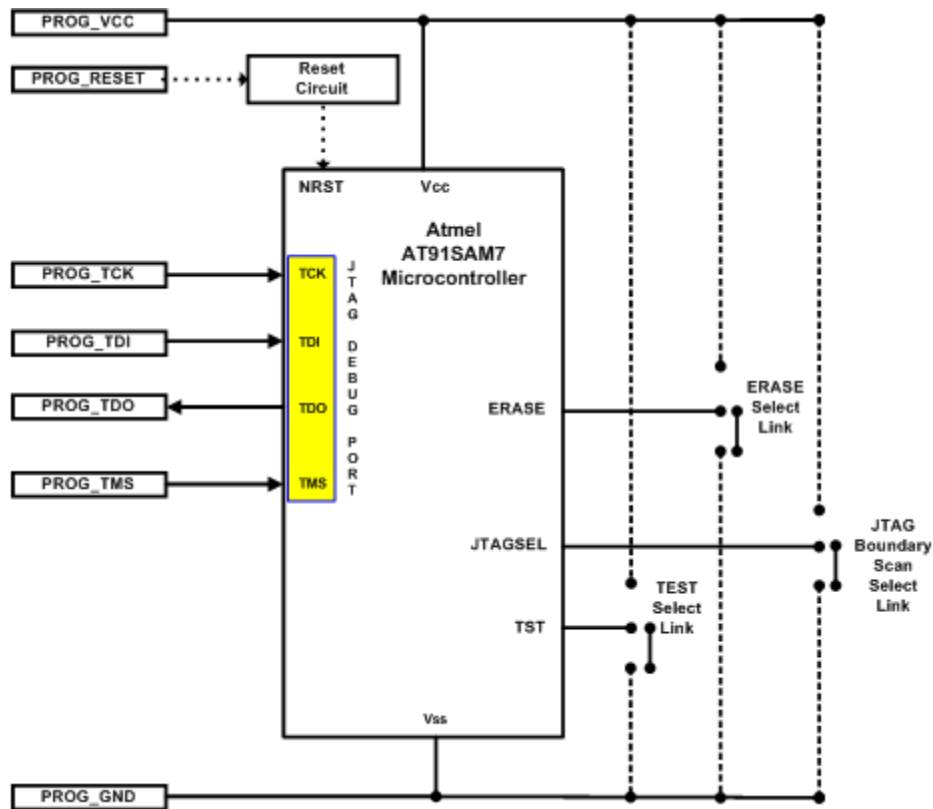
Order Code:

Equinox: FS2009-UPG15

Digi-Key **FS2009-UPG15-ND**

Availability: 0 in stock
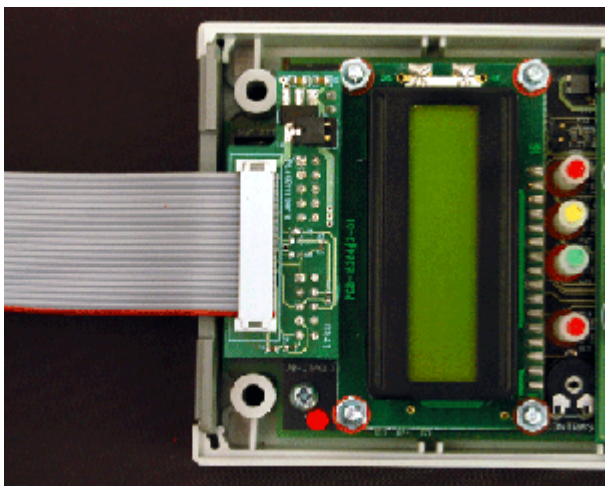0 days delivery

Price: **99.95 (GBP)**
[Excl. VAT]

BUY

Overview Product

Atmel AT91SAM7 -

▸ AT91SAM7 ISP Connector Cables for portable programmers

A special AT91SAM7 ISP cable has been developed which connects between an Equinox portable ISP programmer and any SAM7 Target System.

ARM7 JTAG Device Library Licence - Overview >>

Device Support

Device Support List

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Associated Products   View All

Evaluation Modules (Microcontroller)

Olimex - SAM7-H256 HEADER DEVELOPMENT BOARD FOR AT91SAM7S256 ARM7TDMI-S MC >>

Programmers

EPSILON5 MKII - Portable high-speed USB In-System (ISP) Programmer OVERVIEW >>

FS2003 - Portable ISP Programmer for 8051 and AVR Microcontrollers >>

FS2009 - Portable high-speed multi-project USB In-System (ISP) Programmer - OVERVIEW >>

Device Support (by family)

This product supports devices from the families listed below:

Atmel Corporation:
- AT91SAM7A - ARM7 FLASH Microcontroller
- AT91SAM7S - ARM7 FLASH Microcontroller
- AT91SAM7SE - ARM7 FLASH Microcontroller

Please note:
Not all devices may be supported within a family.
Please see the Detailed Device Support List for a list of all devices which the product supports.

Ordering Information...

FS2009 - Atmel AT91SAM7 - ARM7 JTAG Device Library Licence
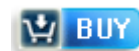Atmel AT91SAM7 - ARM7 JTAG Library Licence Overview
Manufacturer: Equinox Technologies
Order Code:
Equinox: FS2009-UPG15
FS2009-UPG15-ND

Quantity	Price (GBP) [Excl. VAT]
1 - 3	99.95
4 - 9	89.96
10 and above	74.96

BUY

Availability:
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For further information about related products, please see the Overview Product.

PPM3 MK2(UN) - Production ISP Programming Module >>

PPM4 MK1(UN) - Production ISP Programming Module - OVERVIEW >>

Starter Systems (Microcontroller)

Olimex - SAM7-EX256 DEVELOPMENT BOARD FOR AT91SAM7S256 ARM7TDMI-S MC >>

Olimex - SAM7-H64 HEADER DEVELOPMENT BOARD FOR AT91SAM7S64 ARM7TDMI-S MC >>

Olimex - SAM7-LA2 DEVELOPMENT BOARD FOR AT91SAM7EA2 ARM7TDMI-S MC >>

Olimex - SAM7-MT-256 DEVELOPMENT BOARD FOR AT91SAM7S256 ARM7TDMI-S MC >>

Olimex - SAM7-P256 DEVELOPMENT BOARD FOR AT91SAM7S256 ARM7TDMI-S MC >>

Olimex - SAM7-P64 DEVELOPMENT BOARD FOR AT91SAM7S64 ARM7TDMI-S MC >>

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