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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

PPM4-MK1- Atmel AT91SAM7 - ARM7 JTAG Device Library Licence inc SFM-MAX-V1.3

This Device Library supports In-System Programming (ISP) of the Atmel AT91SAM7 "S", "SE", "A" and "L" familes 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: PPM4-MK1- Atmel AT91SAM7 - ARM7 JTAG Device Library Licence inc SFM-MAX-V1.3
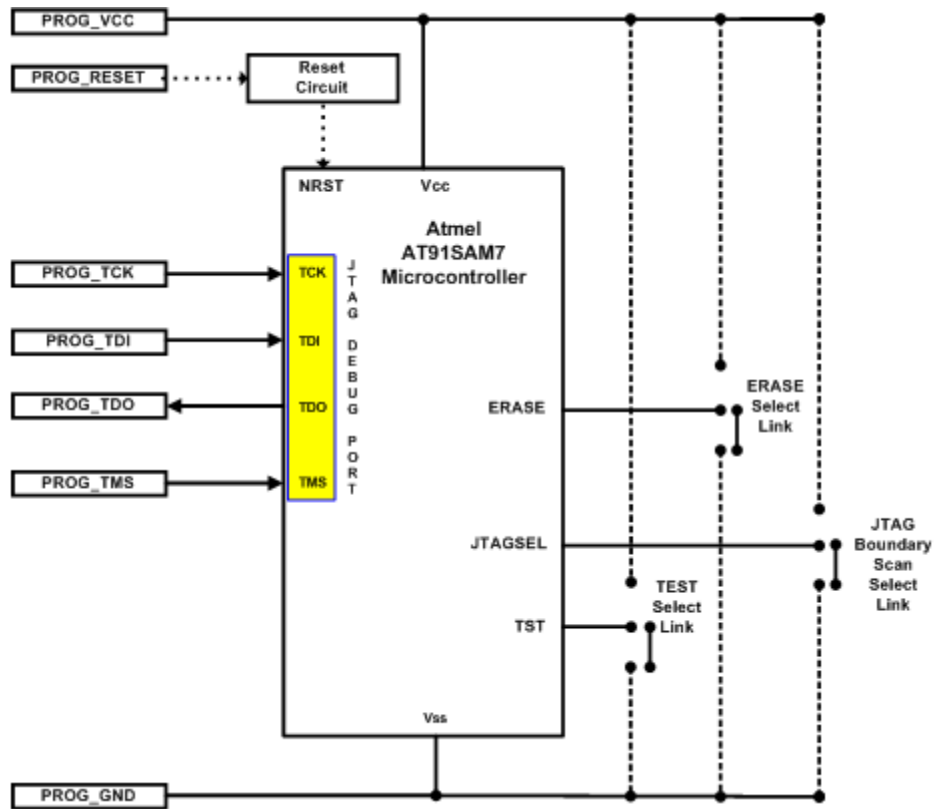
Manufacturer: **Equinox Technologies**

Order Code:

Equinox: PPM4MK1-UPG15

Digi-Key **PPM4MK1-UPG15-ND**

Availability: 6 in stock

Price: 387.75 (GBP)
[Excl. VAT]

BUY
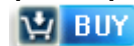
Overview Product

Atmel AT91SAM7 -

▸ AT91SAM7 ISP Connector Cables for portable programmers

ARM7 JTAG Device Library Licence - Overview >>

Device Support

Device Support List

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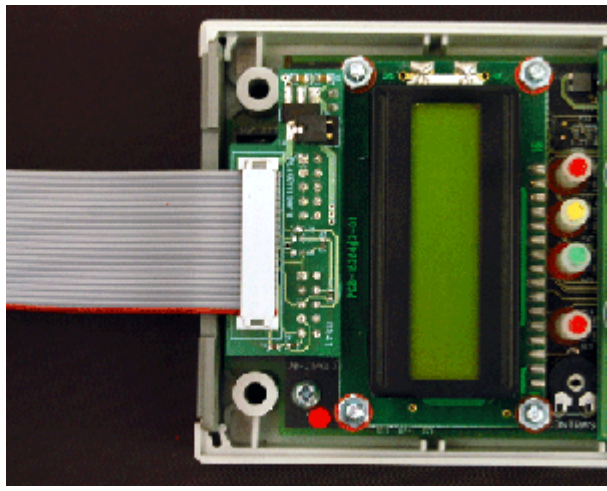**Associated Products**   View All

Hardware Tools

EQ-SFM-MAX-V1.3 - High-speed I/O Driver Module for PPM3-MK2 / PPM4-MK1 Programmer >>

Other Embedded Systems Tools

I/O Connector Module 10 (JTAG) for Atmel AT91SAM7 ARM Microcontrollers >>

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

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...

PPM4-MK1- Atmel AT91SAM7 - ARM7 JTAG Device Library Licence inc SFM-MAX-V1.3
Atmel AT91SAM7 - ARM7 JTAG Library Licence Overview
Manufacturer: Equinox Technologies
  Order Code:
    Equinox: PPM4MK1-UPG15
    PPM4MK1-UPG15-ND

Quantity	Price (GBP) [Excl. VAT]
1 - 3	387.75
4 - 9	348.98
10 and above	290.81

BUY

Availability:
6 in stock

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

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