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MPC823FADS

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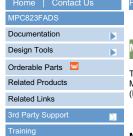sales@integrated-circuit.com

MPC823FADS Product Summary Page

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MPC823FADS : MPC823 Family Application Development System

The MPC823 Family Application Development System consists of an MPC8xxFADS Motherboard (MPC8xxFADSMB) and an MPC823FADS Daughterboard (MPC823FADSDB).

MPC823FADS Features

The MPC823 Family Application Development Motherboard supports porting and application and software development for the MPC8xx family of embedded microprocessors. A FADS daughterboard that operates in conjunction with the MPC8xxFADS Motherboard is offered for each MPC8xx microprocessor.

The MPC823FADS daughterboard provides support specifically for the MPC823. It provides the following interfaces: RGB, composite, and S-Video connectors, Type A and B USB connectors, 4-bit per color LCD panel connection support, and general high-density logic analyzer connectors for HP16500 Series logic analyzers.

A copy of the Freescale MPC8bug debugger is included with the MPC823FADS. You will need an ADI card and parallel ribbon cable that plugs into a SUN4 workstation or PC host to run MPC8bug.

The MPC823FADS development system does not include an ADI card. Please order MPC860ADI-PC to purchase an ADI card configured for the PC or MPC860ADI-SUN for a Sun4 workstation-compatible ADI card.

Neither the SDS monitor, which communicates with the SDS SingleStep Lite Debugger, nor the Debugger itself, are currently included with the 823FADS. Please contact Wind River Systems for more information regarding the SDS Monitor and Debugger. (http://www.windriver.com/products/html/singlestep.html)

Select the appropriate MPC823 Application Development System documentation you need from the motherboard and daughterboard pages (links below). The Engineering (ENG) Revision is the first generation, first operational prototype; and the Pilot Revision (PILOT) is the second generation release.

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Datasheet of MPC823FADS - KIT APPLICATION DEV 823 FAMILY
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MPC823FADS Documentation

Documentation

Supporting Information

ID and Description	Vendor ID	Format	Size K	Rev #	Date Last Modified
MPC823FADSPKL MPC823FADS	FREESCALE	xls	31	-	-

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MPC823FADS Design Tools

Hardware Tools

Evaluation/Development Boards and Systems

ID and Description	Vendor ID	Format	Size K	Rev #	Availability
MPC823FADSDB MPC823 Family Application Development System Daughterboard	FREESCALE	-	-	-	-
MPC8XXFADSMB MPC8xx Family Application Development System Motherboard	FREESCALE	-	-	-	-

Software

Operating Systems

ID and Description	Vendor ID	Format	Size K	Rev #	Availability
THREADX ThreadX RTOS. Royalty-free real-time operating system (RTOS) for embedded applications. ThreadX is small, fast, and royalty-free making it ideal for high-volume electronic products.	**EXPRESSLOG**	-	-	-	-

Software Tools

IDE (Integrated Development Environment)

ID and Description	Vendor ID	Format	Size K	Rev #	Availability
MULTI MULTI MULTI is a complete integrated development environment for embedded applications for C/C++, Embedded C++ and includes an advanced debugger, profiler, run-time memory checking, project builder, editor, instruction set simulator and more.	**GREENHILLS**	-	-	-	-

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Order Availability	Part Number	Description	Tool Type	Status	Budgetary Price($US)	Compliance	RoHS Replacement

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						Package Peak Temperature (°C)	RoHS	Part
Buy Direct / Distributor	MPC823FADS	823 FAMILY DEV SYSTEM	Tested Packaged Module/ Misc Hardware	Active	$2,645.00	-	-	-

NOTE:
- Not all orderable parts are offered through our online sampling program. For further assistance in selecting a similar part from within the program, please submit a Request for a sample order advice.
- Refer to Samples FAQ for more information.
- Looking for an obsolete part? Check our new part number search

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