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See specifications for product details.



MPC8572EPXAULE

Manufacturer Part Number	MPC8572EPXAULE
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MPC8572EPXAULE
ECAD Model	Request Free CAD Models
Parts Description	POWERQUICC RISC MICROPROCESSOR
Package	1023-BFBGA, FCBGA
Data sheet	MPC8572EPXAULE.pdf

Get a Quote

MPC8572EPXAULE - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8572EPXAULE datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8572EPXAULE, please send us email: info@allelco.com

Specifications

MPC8572EPXAULE Tech Specifications

MPC8572EPXAULE - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Operating Temperature	0°C ~ 105°C (TA)
Voltage - I/O	1.5V, 1.8V, 2.5V, 3.3V	Number of Cores/Bus Width	2 Core, 32-Bit
USB	-	Mounting Type	Surface Mount
Supplier Device Package	1023-FCPBGA (33x33)	Graphics Acceleration	No
Speed	1.333GHz	Ethernet	10/100/1000Mbps (4)
Series	MPC85xx	Display & Interface Controllers	-
Security Features	Cryptography, Random Number Generator	Core Processor	PowerPC e500
SATA	-	Co-Processors/DSP	Signal Processing; SPE, Security; SEC
RAM Controllers	DDR2, DDR3	Base Product Number	MPC85
Package / Case	1023-BFBGA, FCBGA	Additional Interfaces	DUART, HSSI, I ² C, RapidIO
Package	Bulk		

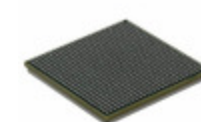
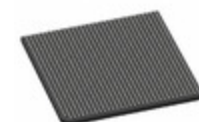
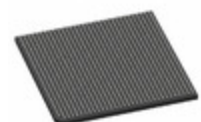
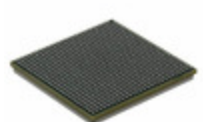
Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8572EPXAULE

Product Attribute				
Part Number	MPC8572EPXAULE	MPC8569EVJAQLJB	MPC8572EVTAVND	MPC8569EVJAUNLB
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Co-Processors/DSP	Signal Processing; SPE, Security; SEC	Communications; QUICC Engine, Security; SEC	Signal Processing; SPE, Security; SEC	Communications; QUICC Engine, Security; SEC
Ethernet	10/100/1000Mbps (4)	10/100Mbps (8), 1Gbps (4)	10/100/1000Mbps (4)	10/100Mbps (8), 1Gbps (4)
SATA	-	-	-	-
USB	-	USB 2.0 (1)	-	USB 2.0 (1)
Graphics Acceleration	No	No	No	No
Core Processor	PowerPC e500	PowerPC e500v2	PowerPC e500	PowerPC e500v2
Package	Bulk	Tray	Tray	Bulk
Voltage - I/O	1.5V, 1.8V, 2.5V, 3.3V	1.0V, 1.5V, 1.8V, 2.5V, 3.3V	1.5V, 1.8V, 2.5V, 3.3V	1.0V, 1.5V, 1.8V, 2.5V, 3.3V
Series	MPC85xx	MPC85xx	MPC85xx	MPC85xx
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MPC85	MPC85	MPC85	MPC85
Display & Interface Controllers	-	-	-	-
Speed	1.333GHz	1.067GHz	1.5GHz	1.333GHz
Additional Interfaces	DUART, HSSI, I ² C, RapidIO	DUART, HSSI, I ² C, MMC/SD, PCI, RapidIO, SPI, TDM, UART	DUART, HSSI, I ² C, RapidIO	DUART, HSSI, I ² C, MMC/SD, PCI, RapidIO, SPI, TDM, UART
RAM Controllers	DDR2, DDR3	DDR2, DDR3, SDRAM	DDR2, DDR3	DDR2, DDR3, SDRAM
Supplier Device Package	1023-FCPBGA (33x33)	783-FCPBGA (29x29)	1023-FCBGA (33x33)	783-FCPBGA (29x29)
Package / Case	1023-BFBGA, FCBGA	783-BBGA, FCBGA	1023-BFBGA, FCBGA	783-BBGA, FCBGA
Security Features	Cryptography, Random Number Generator	Cryptography, Random Number Generator	Cryptography, Random Number Generator	Cryptography, Random Number Generator
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Number of Cores/Bus Width	2 Core, 32-Bit	1 Core, 32-Bit	2 Core, 32-Bit	1 Core, 32-Bit

Customers Also Interested in

Recommended Products



MPC8569EVJAQLJB

NXP USA Inc.
IC MPU MPC85XX 1.067GHZ 783BGA

MPC8572EVTAVND

NXP USA Inc.
IC MPU MPC85XX 1.5GHZ 1023FCBGA

MPC8569EVJAUNLB

Freescale Semiconductor
POWERQUICC 32 BIT POWER ARCHITEC

MPC8572EPXAVND

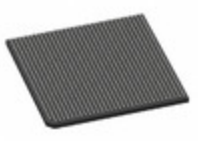
NXP USA Inc.
IC MPU MPC85XX 1.5GHZ 1023FCBGA

MPC8569EVJAUNLB

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA

MPC8572EPXATLD

Freescale Semiconductor
MPU, 32-BIT, 1200MHZ, PBGA1023

**MPC8572EVTAVNB**

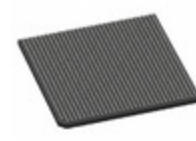
NXP USA Inc.
IC MPU MPC85XX 1.5GHZ
1023FCBGA

**MPC8572EVTAVND**

Freescale Semiconductor
MPU, 32-BIT, 1500MHZ, PBGA1023

**MPC8572EVJAVNE**

NXP USA Inc.
IC MPU MPC85XX 1.5GHZ
1023FCBGA

**MPC8572EPXATLD**

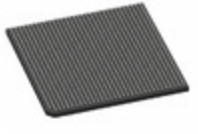
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IC MPU MPC85XX 1.2GHZ
1023FCBGA

**MPC8572EVTAVNB**

Freescale Semiconductor
MPU, 32-BIT, 1500MHZ, PBGA1023

**MPC8572EPXAULD**

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ
1023BGA

**MPC8572ECPXaulB**

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ
1023BGA

**MPC8572ECVJARLE**

NXP USA Inc.
IC MPU MPC85XX 1.067GHZ
1023BGA

**MPC8572EPXAVND**

Freescale Semiconductor
MPU, 32-BIT, 1500MHZ, PBGA1023

**MPC8572EPXAULE**

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ
1023BGA

**MPC8572EVJARLE**

NXP USA Inc.
IC MPU MPC85XX 1.067GHZ
1023BGA

**MPC8572EPXAVNE**

NXP USA Inc.
IC MPU MPC85XX 1.5GHZ
1023FCBGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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+00852 9146 4856



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info@allelco.com

Certifications & Memberships



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