

Image may be representation.  
See specifications for product details.



## MPC8572EVTAVNE

Manufacturer Part Number	<b>MPC8572EVTAVNE</b>
Manufacturer	<b>Freescale Semiconductor, Inc. (NXP Semiconductors)</b>
Allelco Part Number	32D-MPC8572EVTAVNE
ECAD Model	Request Free CAD Models
Parts Description	<b>POWERQUICC RISC MICROPROCESSOR</b>
Package	<b>1023-BFBGA, FCBGA</b>
Data sheet	MPC8572EVTAVNE.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MPC8572EVTAVNE - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8572EVTAVNE datasheet/specifications on AllelcoElec.com. Request a quote for MPC8572EVTAVNE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MPC8572EVTAVNE Tech Specifications

MPC8572EVTAVNE - 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	1.5GHz	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 <sup>2</sup> C, RapidIO
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8572EVTAVNE

Product Attribute				
Part Number	MPC8572EVTAVNE	<b>MPC857DSLZQ50B</b>	<b>MPC8572EVTAVNB</b>	<b>MPC8572EVTAVNB</b>
Manufacturer	Freescale Semiconductor	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor
Ethernet	10/100/1000Mbps (4)	10Mbps (1), 10/100Mbps (1)	10/100/1000Mbps (4)	10/100/1000Mbps (4)
Series	MPC85xx	MPC8xx	MPC85xx	MPC85xx
Graphics Acceleration	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Security Features	Cryptography, Random Number Generator	-	Cryptography, Random Number Generator	Cryptography, Random Number Generator
Base Product Number	MPC85	MPC85	MPC85	-
Additional Interfaces	DUART, HSSI, I <sup>2</sup> C, RapidIO	I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART	DUART, HSSI, I <sup>2</sup> C, RapidIO	DUART, HSSI, I <sup>2</sup> C, RapidIO
SATA	-	-	-	-
Number of Cores/Bus Width	2 Core, 32-Bit	1 Core, 32-Bit	2 Core, 32-Bit	2 Core, 32-Bit
Voltage - I/O	1.5V, 1.8V, 2.5V, 3.3V	3.3V	1.5V, 1.8V, 2.5V, 3.3V	1.5V, 1.8V, 2.5V, 3.3V
Speed	1.5GHz	50MHz	1.5GHz	1.5GHz
Supplier Device Package	1023-FCPBGA (33x33)	357-PBGA (25x25)	1023-FCBGA (33x33)	1023-FCBGA (33x33)
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Co-Processors/DSP	Signal Processing; SPE, Security; SEC	Communications; CPM	Signal Processing; SPE, Security; SEC	Signal Processing; SPE, Security; SEC
RAM Controllers	DDR2, DDR3	DRAM	DDR2, DDR3	DDR2, DDR3
Package / Case	1023-BFBGA, FCBGA	357-BBGA	1023-BFBGA, FCBGA	1023-BFBGA, FCBGA
Display & Interface Controllers	-	-	-	-
Package	Bulk	Bulk	Tray	Tray
USB	-	-	-	-
Core Processor	PowerPC e500	MPC8xx	PowerPC e500	PowerPC e500

### Customers Also Interested in

#### Recommended Products



**MPC857DSLZQ50B**

Freescale Semiconductor  
POWERQUICC RISC  
MICROPROCESSOR



**MPC8572EVTAVNB**

NXP USA Inc.  
IC MPU MPC85XX 1.5GHZ  
1023FCBGA



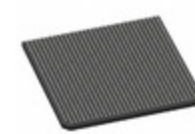
**MPC8572EVTAVNB**

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



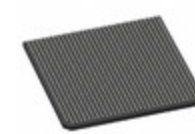
**MPC857DSLZQ50B**

NXP USA Inc.  
IC MPU MPC8XX 50MHZ 357BGA



**MPC8572EPXAVNE**

NXP USA Inc.  
IC MPU MPC85XX 1.5GHZ  
1023FCBGA



**MPC8572EVTAVND**

NXP USA Inc.  
IC MPU MPC85XX 1.5GHZ  
1023FCBGA

					
<b>MPC8572EVTAVNE</b> NXP USA Inc. RISC MICROPROCESSOR, 32-BIT, 150	<b>MPC857TVR50B</b> NXP USA Inc. IC MPU MPC8XX 50MHZ 357BGA	<b>MPC8572EPXAVND</b> NXP USA Inc. IC MPU MPC85XX 1.5GHZ 1023FCBGA	<b>MPC8572EVTAVND</b> Freescale Semiconductor MPU, 32-BIT, 1500MHZ, PBGA1023	<b>MPC8572EVJAVNE</b> NXP USA Inc. IC MPU MPC85XX 1.5GHZ 1023FCBGA	<b>MPC857TVR66B</b> NXP USA Inc. IC MPU MPC8XX 66MHZ 357BGA
					
<b>MPC857DSLZQ66B</b> NXP USA Inc. IC MPU MPC8XX 66MHZ 357BGA	<b>MPC8572VTAULD</b> NXP USA Inc. IC MPU MPC85XX 1.333GHZ 1023BGA	<b>MPC8572EVJARLE</b> NXP USA Inc. IC MPU MPC85XX 1.067GHZ 1023BGA	<b>MPC8572VTAUNE</b> Freescale Semiconductor MPU, 32-BIT, 1500MHZ, PBGA1023	<b>MPC8572VTAULD</b> Freescale Semiconductor MPU, 32-BIT, 1333MHZ, PBGA1023	<b>MPC8572VTAVND</b> 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.

-  Phone  
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info@allelco.com

## Certifications & Memberships



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## Contact us

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