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See specifications for product details.



MPC8548EVJAUJD

Manufacturer Part Number	MPC8548EVJAUJD
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPC8548EVJAUJD
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC85XX 1.333GHZ 783BGA
Package	783-BBGA, FCBGA
Data sheet	MPC8548E.pdf
	MPC8548E Fact Sheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MPC8548EVJAUJD - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8548EVJAUJD datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8548EVJAUJD, please send us email: info@allelco.com

Specifications

MPC8548EVJAUJD Tech Specifications

MPC8548EVJAUJD - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	0°C ~ 105°C (TA)
Voltage - I/O	1.8V, 2.5V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	-	Mounting Type	Surface Mount
Supplier Device Package	783-FCPBGA (29x29)	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	DDR, DDR2, SDRAM	Base Product Number	MPC8548
Package / Case	783-BBGA, FCBGA	Additional Interfaces	DUART, I ² C, PCI, RapidIO
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPC8548EVJAUJD

Product Attribute				
Part Number	MPC8548EVJAUJD	MPC8548EVTAQGD	MPC8548EPXAUJB	MPC8548EVTAUJB
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Supplier Device Package	783-FCPBGA (29x29)	783-FCPBGA (29x29)	783-FCBGA (29x29)	783-FCBGA (29x29)
Series	MPC85xx	MPC85xx	MPC85xx	MPC85xx
Additional Interfaces	DUART, I ² C, PCI, RapidIO	DUART, I ² C, PCI, RapidIO	DUART, I ² C, PCI, RapidIO	DUART, I ² C, PCI, RapidIO
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - I/O	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V
Speed	1.333GHz	1.0GHz	1.333GHz	1.333GHz
Co-Processors/DSP	Signal Processing; SPE, Security; SEC	Signal Processing; SPE, Security; SEC	Signal Processing; SPE, Security; SEC	Signal Processing; SPE, Security; SEC
Core Processor	PowerPC e500	PowerPC e500	PowerPC e500	PowerPC e500
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Graphics Acceleration	No	No	No	No
RAM Controllers	DDR, DDR2, SDRAM	DDR, DDR2, SDRAM	DDR, DDR2, SDRAM	DDR, DDR2, SDRAM
Package / Case	783-BBGA, FCBGA	783-BBGA, FCBGA	783-BBGA, FCBGA	783-BBGA, FCBGA
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Base Product Number	MPC8548	MPC85	MPC85	MPC85
Security Features	Cryptography, Random Number Generator	Cryptography, Random Number Generator	Cryptography, Random Number Generator	Cryptography, Random Number Generator
USB	-	-	-	-
SATA	-	-	-	-
Display & Interface Controllers	-	-	-	-
Ethernet	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)
Package	Tray	Tray	Tray	Tray

MPC8548EVJAUJD Datasheet PDF

Download MPC8548EVJAUJD pdf datasheets and NXP USA Inc. documentation for MPC8548EVJAUJD - NXP USA Inc..

Datasheets

[MPC8548E.pdf](#)


[MPC8548E Fact Sheet.pdf](#)


PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

PCN Design/Specification

 Mult Dev 25/May/2020.pdf

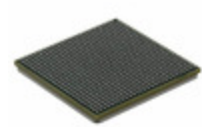
 Trace Marking Removal 20/Jun/2019.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL 04/Mar/2021.pdf

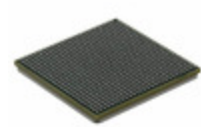
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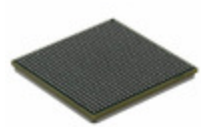
MPC8548EVTAQGD

NXP USA Inc.
IC MPU MPC85XX 1.0GHZ 783FCBGA



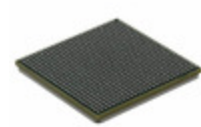
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IC MPU MPC85XX 1.333GHZ 783BGA



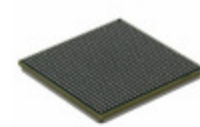
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IC MPU MPC85XX 1.333GHZ 783BGA



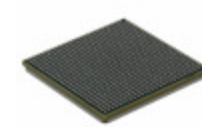
MPC8548EVJAVHD

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IC MPU MPC85XX 1.5GHZ 783FCBGA



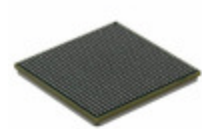
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IC MPU MPC85XX 1.0GHZ 783FCBGA



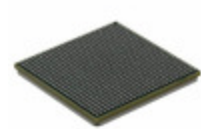
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NXP USA Inc.
IC MPU MPC85XX 1.0GHZ 783FCBGA



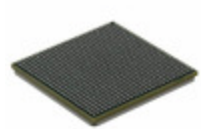
MPC8548EPXAUJB

Freescale Semiconductor
MPU, 32-BIT, 1333MHZ, PBGA783



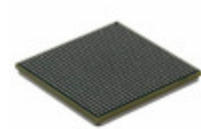
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Freescale Semiconductor
MPU, 32-BIT, 1500MHZ, PBGA783



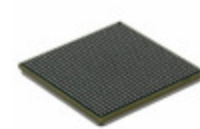
MPC8548EPXAUJD

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA



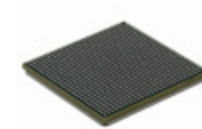
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Freescale Semiconductor
MPU, 32-BIT, 1333MHZ, PBGA783



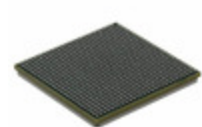
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Freescale Semiconductor
MPU, 32-BIT, 1500MHZ, PBGA783



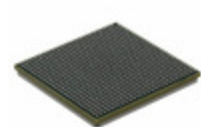
MPC8548EVTAUJC

Freescale Semiconductor
RISC MICROPROCESSOR, CMOS



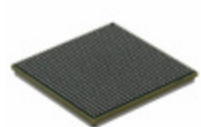
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Freescale Semiconductor
MPU, 32-BIT, 1000MHZ, PBGA783



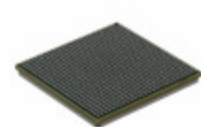
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NXP USA Inc.
IC MPU MPC85XX 1.5GHZ 783FCBGA



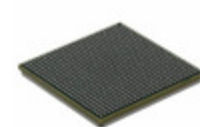
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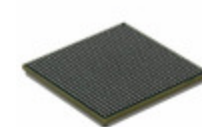
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IC MPU MPC85XX 1.333GHZ 783BGA



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NXP USA Inc.
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MPC8548EPXAQGD

Freescale Semiconductor
MPU, 32-BIT, 1000MHZ, PBGA783

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 Alleco 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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Certifications & Memberships



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