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See specifications for product details.



MPC8548ECVJAQGD

Manufacturer Part Number	MPC8548ECVJAQGD
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPC8548ECVJAQGD
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC85XX 1.0GHZ 783FCBGA
Package	783-BBGA, FCBGA
Data sheet	MPC8548E.pdf
	MPC8548E Fact Sheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MPC8548ECVJAQGD - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8548ECVJAQGD datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8548ECVJAQGD, please send us email: info@allelco.com

Specifications

MPC8548ECVJAQGD Tech Specifications
MPC8548ECVJAQGD - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°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	1.0GHz	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. MPC8548ECVJAQGD

Product Attribute				
Part Number	MPC8548ECVJAQGD	MPC8548ECPXAUJD	MPC8548CVJAQGD	MPC8548EHXALJ
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Series	MPC85xx	MPC85xx	MPC85xx	MPC85xx
USB	-	-	-	-
Core Processor	PowerPC e500	PowerPC e500	PowerPC e500	PowerPC e500
SATA	-	-	-	-
Co-Processors/DSP	Signal Processing; SPE, Security; SEC	Signal Processing; SPE, Security; SEC	Signal Processing; SPE	Signal Processing; SPE, Security; SEC
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
Display & Interface Controllers	-	-	-	-
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Graphics Acceleration	No	No	No	No
Base Product Number	MPC8548	MPC85	MPC8548	MPC85
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
Security Features	Cryptography, Random Number Generator	Cryptography, Random Number Generator	-	Cryptography, Random Number Generator
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Speed	1.0GHz	1.333GHz	1.0GHz	1.333GHz
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	783-FCPBGA (29x29)	783-FCPBGA (29x29)	783-FCPBGA (29x29)	783-FCBGA (29x29)
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
Ethernet	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)

MPC8548ECVJAQGD Datasheet PDF

Download MPC8548ECVJAQGD pdf datasheets and NXP USA Inc. documentation for MPC8548ECVJAQGD - 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

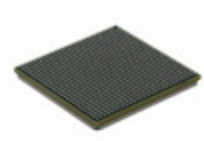
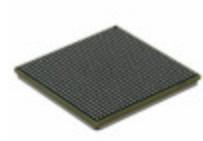
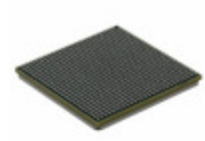
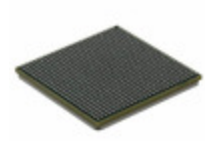
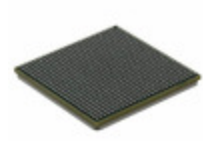

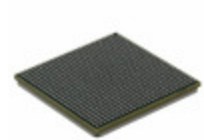
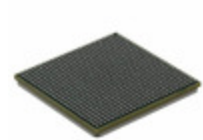
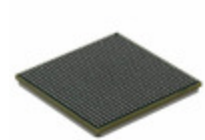


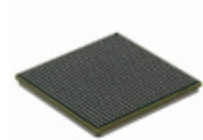
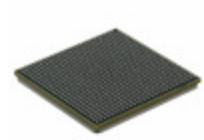
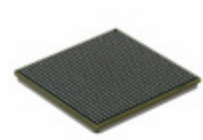
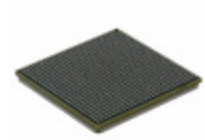
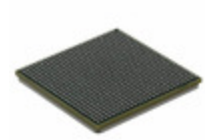
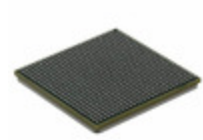

 Trace Marking Removal 20/Jun/2019.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL 04/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
MPC8548ECPXAUJD	MPC8548CVJQGD	MPC8548EHXAUJ	MPC8548EHXAQG	MPC8548ECVJAUJD	MPC8548CVJAUJD
NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	NXP USA Inc. IC MPU MPC85XX 1.0GHZ 783FCBGA	NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	NXP USA Inc. IC MPU MPC85XX 1.0GHZ 783FCBGA	NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	Freescale / NXP Semiconductors
					
MPC8548ECVTAUJD	MPC8548ECVTATGB	MPC8548ECPXAUJB	MPC8548	MPC8547EVTAUJD	MPC8548ECVTAUJD
NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	NXP USA Inc. IC MPU MPC85XX 1.2GHZ 783FCBGA	NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	FREESCA	Freescale Semiconductor POWERQUICC 32-BIT POWER ARCH SOC	Freescale Semiconductor 32-BIT, 1333MHZ, CMOS, PBGA783
					
MPC8548EPXAQGB	MPC8548ECPXATGB	MPC8548CVJAUJD	MPC8548ECVTAUJB	MPC8548ECPXAUJB	MPC8548ECPXAUJA
NXP USA Inc. IC MPU MPC85XX 1.0GHZ 783FCBGA	NXP USA Inc. IC MPU MPC85XX 1.2GHZ 783FCBGA	NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	Freescale Semiconductor MPU, 32-BIT, 1333MHZ, PBGA783	Freescale / NXP Semiconductors

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.



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Certifications & Memberships



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