

Image may be representation.
See specifications for product details.



MPC8548VUAUJ

Manufacturer Part Number	MPC8548VUAUJ
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPC8548VUAUJ
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

Get a Quote

MPC8548VUAUJ - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8548VUAUJ datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8548VUAUJ, please send us email: info@allelco.com

Specifications

MPC8548VUAUJ Tech Specifications

MPC8548VUAUJ - 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-FCBGA (29x29)	Graphics Acceleration	No
Speed	1.333GHz	Ethernet	10/100/1000Mbps (4)
Series	MPC85xx	Display & Interface Controllers	-
Security Features	-	Core Processor	PowerPC e500
SATA	-	Co-Processors/DSP	Signal Processing; SPE
RAM Controllers	DDR, DDR2, SDRAM	Base Product Number	MPC85
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. MPC8548VUAUJ

Product Attribute				
Part Number	MPC8548VUAUJ	MPC8548VJAUJD	MPC8548VTAUJD	MPC8555CVTAJD
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Base Product Number	MPC85	MPC8548	MPC85	MPC85
Display & Interface Controllers	-	-	-	-
Package	Tray	Tray	Tray	Tray
Core Processor	PowerPC e500	PowerPC e500	PowerPC e500	PowerPC e500
Graphics Acceleration	No	No	No	No
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, SPI, TDM, UART
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Series	MPC85xx	MPC85xx	MPC85xx	MPC85xx
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Co-Processors/DSP	Signal Processing; SPE	Signal Processing; SPE	Signal Processing; SPE	Communications; CPM
SATA	-	-	-	-
Security Features	-	-	-	-
Speed	1.333GHz	1.333GHz	1.333GHz	533MHz
Supplier Device Package	783-FCBGA (29x29)	783-FCPBGA (29x29)	783-FCPBGA (29x29)	783-FCPBGA (29x29)
Package / Case	783-BBGA, FCBGA	783-BBGA, FCBGA	783-BBGA, FCBGA	783-BBGA, FCBGA
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Voltage - I/O	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	2.5V, 3.3V
USB	-	-	-	USB 2.0 (1)
Ethernet	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (2)
RAM Controllers	DDR, DDR2, SDRAM	DDR, DDR2, SDRAM	DDR, DDR2, SDRAM	DDR, SDRAM

MPC8548VUAUJ Datasheet PDF

Download MPC8548VUAUJ pdf datasheets and NXP USA Inc. documentation for MPC8548VUAUJ - NXP USA Inc..

Datasheets

[MPC8548E.pdf](#)

[MPC8548E Fact Sheet.pdf](#)

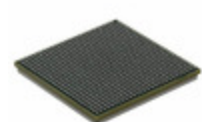
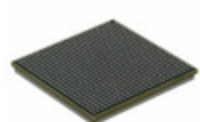
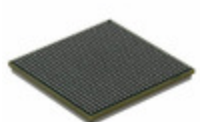
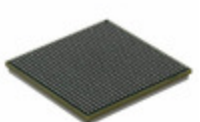
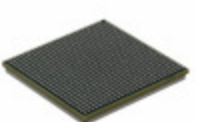
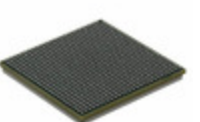

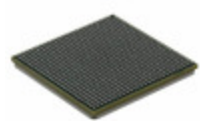
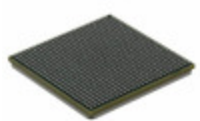

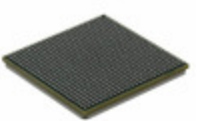

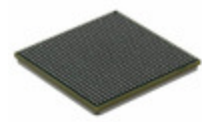
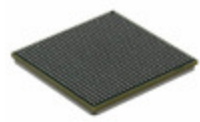

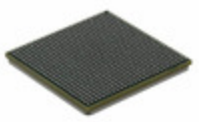

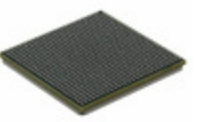
Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

Customers Also Interested in

Recommended Products

					
MPC8548VJAUJD NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	MPC8548VTAUJD NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	MPC8555CVTAJD NXP USA Inc. IC MPU MPC85XX 533MHZ 783FCBGA	MPC8548VTAQGD Freescale Semiconductor MPU, 32-BIT, 1000MHZ, PBGA783	MPC8548VTATGC NXP USA Inc. IC MPU MPC85XX 1.2GHZ 783FCBGA	MPC8555EPXALF NXP USA Inc. IC MPU MPC85XX 667MHZ 783FCBGA
					
MPC8555ECPXAJD Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC8555ECPXAJD NXP USA Inc. IC MPU MPC85XX 533MHZ 783FCBGA	MPC8548VTAUJB NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	MPC8555EPXAPF Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC8555ECPXALF NXP USA Inc. IC MPU MPC85XX 667MHZ 783FCBGA	MPC8555EPXALF Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,
					
MPC8548VTAQGD NXP USA Inc. IC MPU MPC85XX 1.0GHZ 783FCBGA	MPC8555EPXAPF NXP USA Inc. IC MPU MPC85XX 833MHZ 783FCBGA	MPC8555EPXAJD Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC8548VTAUJC NXP USA Inc. IC MPU MPC85XX 1.333GHZ 783BGA	MPC8548VTAUJD Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC8555EPXAJD NXP USA Inc. IC MPU MPC85XX 533MHZ 783FCBGA

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

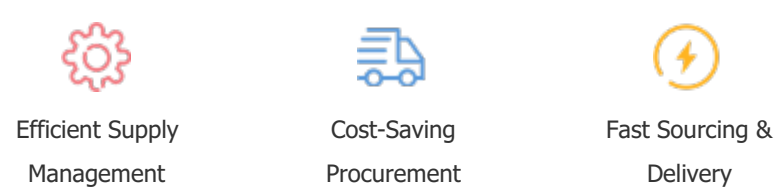
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)