

Image may be representation.
See specifications for product details.



MPC8548CVJAQGD

| | |
|--------------------------|--------------------------------|
| Manufacturer Part Number | MPC8548CVJAQGD |
| Manufacturer | NXP Semiconductors |
| Allelco Part Number | 32D-MPC8548CVJAQGD |
| 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

MPC8548CVJAQGD - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8548CVJAQGD datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8548CVJAQGD, please send us email: info@allelco.com

Specifications

MPC8548CVJAQGD Tech Specifications

MPC8548CVJAQGD - 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 | - | Core Processor | PowerPC e500 |
| SATA | - | Co-Processors/DSP | Signal Processing; SPE |
| 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. MPC8548CVJAQGD

| Product Attribute | | | | |
|---------------------------------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------------|
| Part Number | MPC8548CVJAQGD | MPC8547EVTAUJD | MPC8547EVTAUJD | MPC8548ECVTATGB |
| Manufacturer | NXP USA Inc. | Freescale Semiconductor | NXP USA Inc. | NXP USA Inc. |
| Co-Processors/DSP | Signal Processing; SPE | - | Signal Processing; SPE, Security; SEC | Signal Processing; SPE, Security; SEC |
| Operating Temperature | -40°C ~ 105°C (TA) | - | 0°C ~ 105°C (TA) | -40°C ~ 105°C (TA) |
| USB | - | - | - | - |
| Display & Interface Controllers | - | - | - | - |
| Speed | 1.0GHz | - | 1.333GHz | 1.2GHz |
| Package / Case | 783-BBGA, FCBGA | - | 783-BBGA, FCBGA | 783-BBGA, FCBGA |
| Graphics Acceleration | No | - | No | No |
| RAM Controllers | DDR, DDR2, SDRAM | - | DDR, DDR2, SDRAM | DDR, DDR2, SDRAM |
| SATA | - | - | - | - |
| Number of Cores/Bus Width | 1 Core, 32-Bit | - | 1 Core, 32-Bit | 1 Core, 32-Bit |
| Series | MPC85xx | * | MPC85xx | MPC85xx |
| Base Product Number | MPC8548 | - | MPC85 | MPC85 |
| Voltage - I/O | 1.8V, 2.5V, 3.3V | - | 1.8V, 2.5V, 3.3V | 1.8V, 2.5V, 3.3V |
| Supplier Device Package | 783-FCPBGA (29x29) | - | 783-FCPBGA (29x29) | 783-FCBGA (29x29) |
| Package | Tray | Bulk | Tray | Tray |
| Ethernet | 10/100/1000Mbps (4) | - | 10/100/1000Mbps (4) | 10/100/1000Mbps (4) |
| Core Processor | PowerPC e500 | - | PowerPC e500 | PowerPC e500 |
| Mounting Type | Surface Mount | - | Surface Mount | Surface Mount |
| Security Features | - | - | Cryptography, Random Number Generator | Cryptography, Random Number Generator |
| Additional Interfaces | DUART, I ² C, PCI, RapidIO | - | DUART, I ² C, PCI, RapidIO | DUART, I ² C, PCI, RapidIO |

MPC8548CVJAQGD Datasheet PDF

Download MPC8548CVJAQGD pdf datasheets and NXP USA Inc. documentation for MPC8548CVJAQGD - NXP USA Inc..

Datasheets


[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

HTML Datasheet

 MPC8548E.pdf

PCN Design/Specification

 Mult Dev 25/May/2020.pdf

 Trace Marking Removal 20/Jun/2019.pdf

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



NO PICTURE

MPC8547EVTAUJD

Freescale Semiconductor
POWERQUICC 32-BIT POWER ARCH
SOC

MPC8548

FREESCA

MPC8547EVTAUJD

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA

MPC8548ECVTATGB

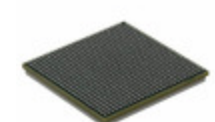
NXP USA Inc.
IC MPU MPC85XX 1.2GHZ 783FCBGA

MPC8548ECVJAUJD

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA

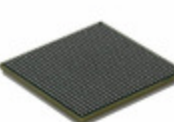
MPC8548CVJAUJD

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA



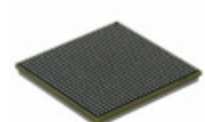
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NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA



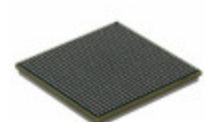
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NXP USA Inc.
IC MPU MPC85XX 1.2GHZ 783FCBGA



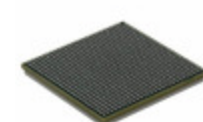
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Freescale Semiconductor
32-BIT, 1333MHZ, CMOS, PBGA783



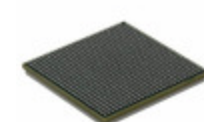
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Freescale Semiconductor
MPU, 32-BIT, 800MHZ, PBGA783



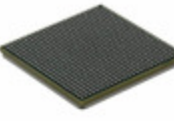
MPC8545PXATGD

Freescale Semiconductor
MPU, 32-BIT, 1200MHZ, PBGA783



MPC8548ECVJAQGD

NXP USA Inc.
IC MPU MPC85XX 1.0GHZ 783FCBGA

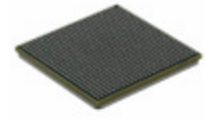


MPC8547ECPXAQGA

Freescale / NXP Semiconductors

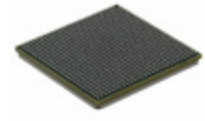
MPC8547EPXAUJC

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA



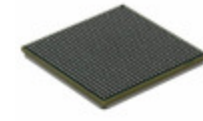
MPC8545PXANGB

NXP USA Inc.
IC MPU MPC85XX 800MHZ 783FCBGA



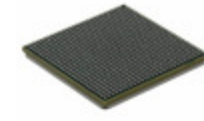
MPC8548ECPXAUJB

NXP USA Inc.
IC MPU MPC85XX 1.333GHZ 783BGA



MPC8548ECPXATGB

NXP USA Inc.
IC MPU MPC85XX 1.2GHZ 783FCBGA



MPC8548ECPXAUJB

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

 Phone
+00852 9146 4856

 Email
info@alleco.com

Certifications & Memberships



View More

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