

Image may be representation.
See specifications for product details.



MPC8247CZQTIEA

Manufacturer Part Number	MPC8247CZQTIEA
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MPC8247CZQTIEA
ECAD Model	Request Free CAD Models
Parts Description	POWERQUICC 32 BIT POWER ARCHITEC
Package	516-BBGA
Data sheet	MPC8247CZQTIEA.pdf

Get a Quote

MPC8247CZQTIEA - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8247CZQTIEA datasheet/specifications on AllelcoElec.com.
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Specifications

MPC8247CZQTIEA Tech Specifications

MPC8247CZQTIEA - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Package	Bulk
Voltage - I/O	3.3V	Operating Temperature	-40°C ~ 105°C (TA)
USB	USB 2.0 (1)	Number of Cores/Bus Width	1 Core, 32-Bit
Supplier Device Package	516-PBGA (27x27)	Mounting Type	Surface Mount
Speed	400MHz	Graphics Acceleration	No
Series	MPC82xx	Ethernet	10/100Mbps (2)
Security Features	-	Display & Interface Controllers	-
SATA	-	Core Processor	PowerPC G2_LE
RAM Controllers	DRAM, SDRAM	Co-Processors/DSP	Communications; RISC CPM
Package / Case	516-BBGA	Additional Interfaces	I ² C, SCC, SMC, SPI, UART, USART

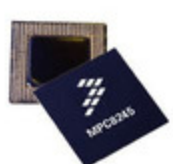
Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8247CZQTIEA

Product Attribute				
Part Number	MPC8247CZQTIEA	MPC8245TZU300D	MPC8247VRMIBA	MPC8245TZU350D
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Supplier Device Package	516-PBGA (27x27)	352-TBGA (35x35)	516-PBGA (27x27)	352-TBGA (35x35)
Co-Processors/DSP	Communications; RISC CPM	-	Communications; RISC CPM	-
Security Features	-	-	-	-
Additional Interfaces	I ² C, SCC, SMC, SPI, UART, USART	I ² C, I ² O, PCI, UART	I ² C, SCC, SMC, SPI, UART, USART	I ² C, I ² O, PCI, UART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	MPC82xx	MPC82xx	MPC82xx	MPC82xx
SATA	-	-	-	-
Voltage - I/O	3.3V	3.3V	3.3V	3.3V
Package	Bulk	Tray	Tray	Tray
Graphics Acceleration	No	No	No	No
Display & Interface Controllers	-	-	-	-
Package / Case	516-BBGA	352-LBGA	516-BBGA	352-LBGA
Core Processor	PowerPC G2_LE	PowerPC 603e	PowerPC G2_LE	PowerPC 603e
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
RAM Controllers	DRAM, SDRAM	SDRAM	DRAM, SDRAM	SDRAM
Ethernet	10/100Mbps (2)	-	10/100Mbps (2)	-
USB	USB 2.0 (1)	-	USB 2.0 (1)	-
Speed	400MHz	300MHz	266MHz	350MHz

Customers Also Interested in

Recommended Products



MPC8245TZU300D

NXP USA Inc.
IC MPU MPC82XX 300MHZ 352TBGA



MPC8247VRMIBA

NXP USA Inc.
IC MPU MPC82XX 266MHZ 516BGA



MPC8245TZU350D

NXP USA Inc.
IC MPU MPC82XX 350MHZ 352TBGA



MPC8247VRTIEA

Freescale Semiconductor
POWERQUICC 32 BIT POWER ARCHITEC



MPC8247VRPIEA

NXP USA Inc.
IC MPU MPC82XX 300MHZ 516BGA



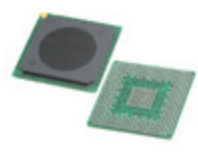
MPC8247CZQMIBA

Freescale Semiconductor
POWERQUICC 32 BIT POWER ARCHITEC



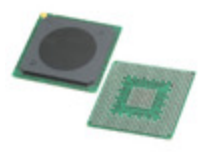
MPC8247VRTMFA

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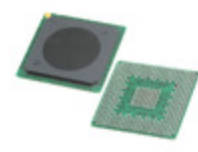
MPC8247CZQMIBA

NXP USA Inc.
IC MPU MPC82XX 266MHZ 516BGA



MPC8247CVRTIEA

NXP USA Inc.
IC MPU MPC82XX 400MHZ 516BGA



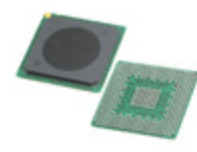
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IC MPU MPC82XX 400MHZ 516BGA



MPC8245TZU266D

NXP USA Inc.
IC MPU MPC82XX 266MHZ 352TBGA



MPC8247ZQMIBA

NXP USA Inc.
IC MPU MPC82XX 266MHZ 516BGA



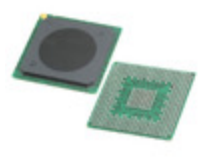
MPC8245TZU333D

NXP USA Inc.
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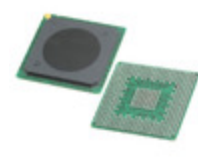
MPC8245TVV350D

NXP USA Inc.
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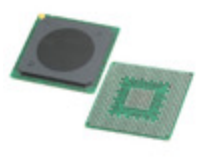
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IC MPU MPC82XX 266MHZ 516BGA



MPC8247VRTMFA

NXP USA Inc.
IC MPU MPC82XX 400MHZ 516BGA



MPC8247VRTIEA

NXP USA Inc.
IC MPU MPC82XX 400MHZ 516BGA



MPC8247VRMIBA

Freescale Semiconductor
POWERQUICC 32 BIT POWER
ARCHITEC

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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