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See specifications for product details.



MPC8270CZQMIBA

Manufacturer Part Number	MPC8270CZQMIBA
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MPC8270CZQMIBA
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	POWERQUICC 32 BIT POWER ARCHITEC
Package	516-BBGA
Data sheet	MPC8270CZQMIBA.pdf

Get a Quote

MPC8270CZQMIBA - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8270CZQMIBA datasheet/specifications on AllelcoElec.com.
Request a quote for MPC8270CZQMIBA, please send us email: info@allelco.com


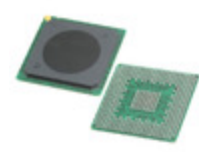


Specifications

MPC8270CZQMIBA Tech Specifications
MPC8270CZQMIBA - 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	333MHz	Graphics Acceleration	No
Series	MPC82xx	Ethernet	10/100Mbps (3)
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

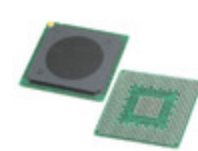
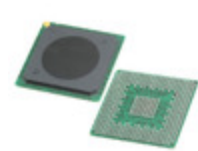
Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8270CZQMIBA

Product Attribute				
Part Number	MPC8270CZQMIBA	MPC8270CZQMIBA	MPC8266AZUPJDC	MPC8265ACZUMHBC
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Supplier Device Package	516-PBGA (27x27)	516-PBGA (27x27)	480-TBGA (37.5x37.5)	480-TBGA (37.5x37.5)
Voltage - I/O	3.3V	3.3V	3.3V	3.3V
USB	USB 2.0 (1)	USB 2.0 (1)	-	-
Core Processor	PowerPC G2_LE	PowerPC G2_LE	PowerPC G2	PowerPC G2
Package / Case	516-BBGA	516-BBGA	480-LBGA Exposed Pad	480-LBGA Exposed Pad
Ethernet	10/100Mbps (3)	10/100Mbps (3)	10/100Mbps (3)	10/100Mbps (3)
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Speed	333MHz	333MHz	300MHz	266MHz
Co-Processors/DSP	Communications; RISC CPM	Communications; RISC CPM	Communications; RISC CPM	Communications; RISC CPM
SATA	-	-	-	-
Series	MPC82xx	MPC82xx	MPC82xx	MPC82xx
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Additional Interfaces	I ² C, SCC, SMC, SPI, UART, USART	I ² C, SCC, SMC, SPI, UART, USART	I ² C, SCC, SMC, SPI, UART, USART	I ² C, SCC, SMC, SPI, UART, USART
Display & Interface Controllers	-	-	-	-
Security Features	-	-	-	-
Graphics Acceleration	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Bulk	Tray	Tray	Tray
RAM Controllers	DRAM, SDRAM	DRAM, SDRAM	DRAM, SDRAM	DRAM, SDRAM

Customers Also Interested in

Recommended Products



MPC8270CVVUPE

Freescale / NXP Semiconductors

MPC8270CZQMIBA

NXP USA Inc.
IC MPU MPC82XX 333MHZ 516BGA

MPC8266AZUPJDC

NXP USA Inc.
IC MPU MPC82XX 300MHZ 480TBGA

MPC8265ACZUMHBC

NXP USA Inc.
IC MPU MPC82XX 266MHZ 480TBGA

MPC8270VRMIBA

NXP USA Inc.
IC MPU MPC82XX 266MHZ 516BGA

MPC8270CVVUPEA

NXP USA Inc.
IC MPU MPC82XX 450MHZ 480TBGA



MPC8265ACZUMIBB

MOT



MPC8264AZUPIBB

NXP USA Inc.
IC MPU MPC82XX 300MHZ 480TBGA



MPC8270CZUQLDA

NXP USA Inc.
IC MPU MPC82XX 333MHZ 480TBGA



MPC8264AZUPIBB300

Freescale / NXP Semiconductors



MPC8270CVVQLDA

NXP USA Inc.
IC MPU MPC82XX 333MHZ 480TBGA



MPC8270VRMIBA

Freescale Semiconductor
POWERQUICC 32 BIT POWER ARCHITEC



MPC8264AZUPLBB

Freescale / NXP Semiconductors



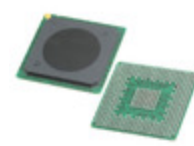
MPC8270VVQLDA

NXP USA Inc.
IC MPU MPC82XX 333MHZ 480TBGA



MPC8270VVUPEA

Nexperia USA Inc.
POWERQUICC 32 BIT POWER ARCHITEC



MPC8270CVRMIBA

NXP USA Inc.
IC MPU MPC82XX 266MHZ 516BGA



MPC8270CZUUEPA

NXP USA Inc.
IC MPU MPC82XX 450MHZ 480TBGA



MPC8270CZUUE

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 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.



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 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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info@allelco.com

Certifications & Memberships



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