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See specifications for product details.



MPC8247VRTIEA

Manufacturer Part Number	MPC8247VRTIEA
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPC8247VRTIEA
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC82XX 400MHZ 516BGA
Package	516-BBGA
Data sheet	MPC8272 Fact Sheet.pdf MPC82xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MPC8247VRTIEA - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8247VRTIEA datasheet/specifications on AllelcoElec.com.
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Specifications

MPC8247VRTIEA Tech Specifications

MPC8247VRTIEA - 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	3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 (1)	Mounting Type	Surface Mount
Supplier Device Package	516-PBGA (27x27)	Graphics Acceleration	No
Speed	400MHz	Ethernet	10/100Mbps (2)
Series	MPC82xx	Display & Interface Controllers	-
Security Features	-	Core Processor	PowerPC G2_LE
SATA	-	Co-Processors/DSP	Communications; RISC CPM
RAM Controllers	DRAM, SDRAM	Base Product Number	MPC8247
Package / Case	516-BBGA	Additional Interfaces	I ² C, SCC, SMC, SPI, UART, USART
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPC8247VRTIEA

Product Attribute				
Part Number	MPC8247VRTIEA	MPC8247CZQMIBA	MPC8247VRTMFA	MPC8247CZQTIEA
Manufacturer	NXP USA Inc.	Freescale Semiconductor	Freescale Semiconductor	Freescale Semiconductor
USB	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (1)
Speed	400MHz	266MHz	400MHz	400MHz
Base Product Number	MPC8247	-	-	-
Voltage - I/O	3.3V	3.3V	3.3V	3.3V
Ethernet	10/100Mbps (2)	10/100Mbps (2)	10/100Mbps (2)	10/100Mbps (2)
Graphics Acceleration	No	No	No	No
Core Processor	PowerPC G2_LE	PowerPC G2_LE	PowerPC G2_LE	PowerPC G2_LE
RAM Controllers	DRAM, SDRAM	DRAM, SDRAM	DRAM, SDRAM	DRAM, SDRAM
Display & Interface Controllers	-	-	-	-
Operating Temperature	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Co-Processors/DSP	Communications; RISC CPM	Communications; RISC CPM	Communications; RISC CPM	Communications; RISC CPM
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Package / Case	516-BBGA	516-BBGA	516-BBGA	516-BBGA
Security Features	-	-	-	-
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
Package	Tray	Bulk	Bulk	Bulk
Series	MPC82xx	MPC82xx	MPC82xx	MPC82xx
SATA	-	-	-	-
Supplier Device Package	516-PBGA (27x27)	516-PBGA (27x27)	516-PBGA (27x27)	516-PBGA (27x27)

MPC8247VRTIEA Datasheet PDF

Download MPC8247VRTIEA pdf datasheets and NXP USA Inc. documentation for MPC8247VRTIEA - NXP USA Inc..

Datasheets

[MPC8272 Fact Sheet.pdf](#)


[MPC82xx.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)




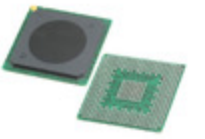
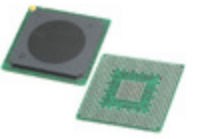

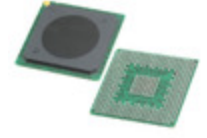

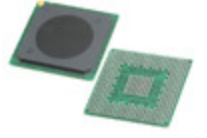
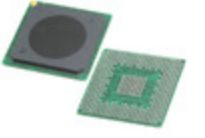


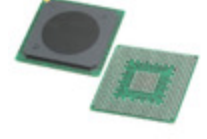
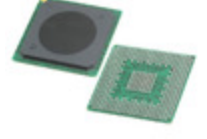


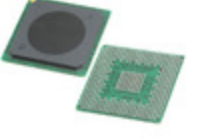

[NXP USA Inc RoHS Cert.pdf](#)

Errata

 MPC8272 PowerQUICC II Family Errata.pdf

Customers Also Interested in

Recommended Products

					
MPC8247CZQMIBA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCHITEC	MPC8247VRTMFA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCHITEC	MPC8247CZQTIEA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCHITEC	MPC8247VRPIEA NXP USA Inc. IC MPU MPC82XX 300MHZ 516BGA	MPC8247VRMIBA NXP USA Inc. IC MPU MPC82XX 266MHZ 516BGA	MPC8247VRTIEA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCHITEC
					
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MPC8247CZQMIBA NXP USA Inc. IC MPU MPC82XX 266MHZ 516BGA	MPC8247CVRMIBA NXP USA Inc. IC MPU MPC82XX 400MHZ 516BGA	MPC8247VRTMFA NXP USA Inc. IC MPU MPC82XX 400MHZ 516BGA	MPC8247ZQMIBA NXP USA Inc. IC MPU MPC82XX 266MHZ 516BGA	MPC8247ZQPIEA NXP USA Inc. IC MPU MPC82XX 300MHZ 516BGA	MPC8247CZQTIEA NXP USA Inc. IC MPU MPC82XX 400MHZ 516BGA

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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