



# MPC8343VRADB

Manufacturer Part Number	<b>MPC8343VRADB</b>
Manufacturer	<b>Freescale Semiconductor, Inc. (NXP Semiconductors)</b>
Allelco Part Number	32D-MPC8343VRADB
ECAD Model	Request Free CAD Models
Parts Description	POWERQUICC II PRO PROCESSOR
Package	620-BBGA Exposed Pad
Data sheet	MPC8343VRADB.pdf

Get a Quote

MPC8343VRADB - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8343VRADB datasheet/specifications on AllelcoElec.com.  
Request a quote for MPC8343VRADB, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MPC8343VRADB Tech Specifications  
MPC8343VRADB - 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	1.8V, 2.5V, 3.3V	Operating Temperature	0°C ~ 105°C (TA)
USB	USB 2.0 + PHY (2)	Number of Cores/Bus Width	1 Core, 32-Bit
Supplier Device Package	620-HBGA (29x29)	Mounting Type	Surface Mount
Speed	266MHz	Graphics Acceleration	No
Series	MPC83xx	Ethernet	10/100/1000Mbps (3)
Security Features	-	Display & Interface Controllers	-
SATA	-	Core Processor	PowerPC e300
RAM Controllers	DDR, DDR2	Co-Processors/DSP	-
Package / Case	620-BBGA Exposed Pad	Additional Interfaces	DUART, I <sup>2</sup> C, PCI, SPI

## Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8343VRADB

Product Attribute				
Part Number	MPC8343VRADB	MPC8343VRADB	MPC8343CVRAGDB	MPC8343EVRAGD
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	266MHz	266MHz	400MHz	400MHz
Display & Interface Controllers	-	-	-	-
RAM Controllers	DDR, DDR2	DDR, DDR2	DDR, DDR2	DDR, DDR2
Package	Bulk	Tray	Tray	Tray
Ethernet	10/100/1000Mbps (3)	10/100/1000Mbps (3)	10/100/1000Mbps (3)	10/100/1000Mbps (3)
Additional Interfaces	DUART, I <sup>2</sup> C, PCI, SPI	DUART, I <sup>2</sup> C, PCI, SPI	DUART, I <sup>2</sup> C, PCI, SPI	DUART, I <sup>2</sup> C, PCI, SPI
Security Features	-	-	-	Cryptography, Random Number Generator
Series	MPC83xx	MPC83xx	MPC83xx	MPC83xx
Supplier Device Package	620-HBGA (29x29)	620-HBGA (29x29)	620-HBGA (29x29)	620-HBGA (29x29)
Voltage - I/O	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V	1.8V, 2.5V, 3.3V
Co-Processors/DSP	-	-	-	Security; SEC
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Package / Case	620-BBGA Exposed Pad	620-BBGA Exposed Pad	620-BBGA Exposed Pad	620-BBGA Exposed Pad
SATA	-	-	-	-
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Core Processor	PowerPC e300	PowerPC e300	PowerPC e300	PowerPC e300
Graphics Acceleration	No	No	No	No
USB	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)

## Customers Also Interested in

### Recommended Products

**MPC8343VRADB**  
NXP USA Inc.  
IC MPU MPC83XX 266MHZ 620BGA

**MPC8343CVRAGDB**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA

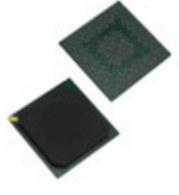
**MPC8343EVRAGD**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA

**MPC8343ZQADB**  
Freescale Semiconductor  
POWERQUICC II PRO PROCESSOR

**MPC8343EVRAGDB**  
Freescale Semiconductor  
POWERQUICC II PRO PROCESSOR

**MPC8343VRAGDB**  
Freescale Semiconductor  
POWERQUICC II PRO PROCESSOR

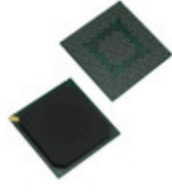
**MPC8343EVRAGDB**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



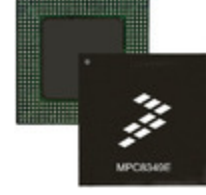
**MPC8323VRADDCA**  
NXP USA Inc.  
IC MPU MPC83XX 266MHZ PBGA516



**MPC8343CZQADDB**  
NXP USA Inc.  
IC MPU MPC83XX 266MHZ 620BGA



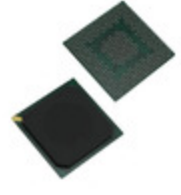
**MPC8343CZQADDB**  
Freescale Semiconductor  
POWERQUICC II PRO PROCESSOR



**MPC8323VRADDCA**  
Freescale Semiconductor  
POWERQUICC 32 BIT POWER ARCHITECT



**MPC8343ZQAGDB**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



**MPC8347CVRAGDB**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA

**MPC8347CVRAGDB**  
Freescale Semiconductor  
POWERQUICC 32 BIT POWER ARCH SOC

**MPC8343ZQADDB**  
NXP USA Inc.  
IC MPU MPC83XX 266MHZ 620BGA

**MPC8347CVVAJDB**  
NXP USA Inc.  
IC MPU MPC83XX 533MHZ 672TBGA

**MPC8343CVRAGDB**  
Freescale Semiconductor  
POWERQUICC II PRO PROCESSOR

**MPC8343VRAGDB**  
NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA

## 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



[View More](#)

## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com