



Image may be representation.  
See specifications for product details.



## MPC8347CVVAGDB

Manufacturer Part Number	<b>MPC8347CVVAGDB</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MPC8347CVVAGDB
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC83XX 400MHZ 672TBGA
Package	672-LBGA
Data sheet	<b>MPC8347(E) Ref Manual.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MPC8347CVVAGDB - NXP USA Inc..New Original in Stock. Download Linear Technology MPC8347CVVAGDB datasheet/specifications on AllelcoElec.com.  
Request a quote for MPC8347CVVAGDB, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MPC8347CVVAGDB Tech Specifications

MPC8347CVVAGDB - 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	2.5V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 + PHY (2)	Mounting Type	Surface Mount
Supplier Device Package	672-LBGA (35x35)	Graphics Acceleration	No
Speed	400MHz	Ethernet	10/100/1000Mbps (2)
Series	MPC83xx	Display & Interface Controllers	-
Security Features	-	Core Processor	PowerPC e300
SATA	-	Co-Processors/DSP	-
RAM Controllers	DDR	Base Product Number	MPC8347
Package / Case	672-LBGA	Additional Interfaces	DUART, I <sup>2</sup> C, PCI, SPI
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPC8347CVVAGDB

Product Attribute				
Part Number	MPC8347CVVAGDB	MPC8347CZQAGDB	MPC8347CVVAJFB	MPC8347CVRAGDB
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Security Features	-	-	-	-
Display & Interface Controllers	-	-	-	-
Package / Case	672-LBGA	620-BBGA Exposed Pad	672-LBGA	620-BBGA Exposed Pad
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
USB	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)	USB 2.0 + PHY (2)
Base Product Number	MPC8347	MPC83	MPC8347	MPC8347
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
SATA	-	-	-	-
RAM Controllers	DDR	DDR	DDR	DDR
Ethernet	10/100/1000Mbps (2)	10/100/1000Mbps (2)	10/100/1000Mbps (2)	10/100/1000Mbps (2)
Voltage - I/O	2.5V, 3.3V	2.5V, 3.3V	2.5V, 3.3V	2.5V, 3.3V
Core Processor	PowerPC e300	PowerPC e300	PowerPC e300	PowerPC e300
Series	MPC83xx	MPC83xx	MPC83xx	MPC83xx
Co-Processors/DSP	-	-	-	-
Speed	400MHz	400MHz	533MHz	400MHz
Graphics Acceleration	No	No	No	No
Supplier Device Package	672-LBGA (35x35)	620-HBGA (29x29)	672-LBGA (35x35)	620-HBGA (29x29)

## MPC8347CVVAGDB Datasheet PDF

Download MPC8347CVVAGDB pdf datasheets and NXP USA Inc. documentation for MPC8347CVVAGDB - NXP USA Inc..

### Datasheets

MPC8347(E) Ref Manual.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


## PCN Design/Specification

 Mult Dev 25/May/2020.pdf

 Trace Marking Removal 20/Jun/2019.pdf

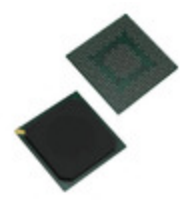
## PCN Obsolescence/ EOL

 Mult Dev EOL 2/Sep/2021.pdf

 Mult Dev EOL 20/Sep/2021.pdf

## Customers Also Interested in

### Recommended Products



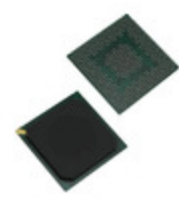
#### MPC8347CZQAGDB

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



#### MPC8347CVVAJFB

NXP USA Inc.  
IC MPU MPC83XX 533MHZ 672TBGA



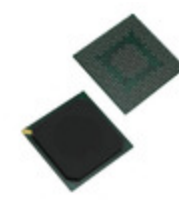
#### MPC8347CVRAGDB

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



#### MPC8343ZQADDB

Freescal Semiconductor  
POWERQUICC II PRO PROCESSOR



#### MPC8343ZQADDB

NXP USA Inc.  
IC MPU MPC83XX 266MHZ 620BGA



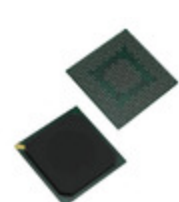
#### MPC8347CVVAJDB

NXP USA Inc.  
IC MPU MPC83XX 533MHZ 672TBGA



#### MPC8347EVVAJD

NXP USA Inc.  
IC MPU MPC83XX 533MHZ 672TBGA



#### MPC8343ZQAGDB

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



#### MPC8343VRAGDB

Freescal Semiconductor  
POWERQUICC II PRO PROCESSOR



#### MPC8347CVRAGDB

Freescal Semiconductor  
POWERQUICC 32 BIT POWER ARCH  
SOC



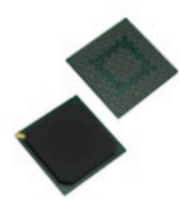
#### MPC8347ECZUAGDB

Freescal Semiconductor  
MICROPROCESSOR, 32-BIT, 400MHZ,



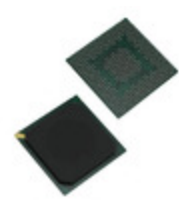
#### MPC8347CZUAGDB

Freescal Semiconductor  
MICROPROCESSOR, 32-BIT, 400MHZ,



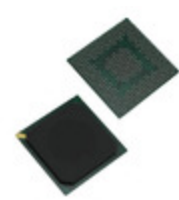
#### MPC8343VRAGDB

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



#### MPC8343VRADDB

NXP USA Inc.  
IC MPU MPC83XX 266MHZ 620BGA



#### MPC8347CZQAGD

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 620BGA



#### MPC8347CZUAGDB

NXP USA Inc.  
IC MPU MPC83XX 400MHZ 672TBGA



#### MPC8343VRADDB

Freescal Semiconductor  
POWERQUICC II PRO PROCESSOR



#### MPC8347CZQAGDB

Freescal Semiconductor  
MPC8347 - POWERQUICC II, 32-BIT

## 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



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