



MPC8358EZQAGDDA

Manufacturer Part Number	MPC8358EZQAGDDA
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MPC8358EZQAGDDA
ECAD Model	Request Free CAD Models
Parts Description	POWERQUICC RISC MICROPROCESSOR,
Package	668-BBGA Exposed Pad
Data sheet	MPC8358EZQAGDDA.pdf

Get a Quote

MPC8358EZQAGDDA - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC8358EZQAGDDA datasheet/specifications on AllelcoElec.com.
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Specifications

MPC8358EZQAGDDA Tech Specifications
MPC8358EZQAGDDA - 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 1.x (1)	Number of Cores/Bus Width	1 Core, 32-Bit
Supplier Device Package	668-TEPBGA (29x29)	Mounting Type	Surface Mount
Speed	400MHz	Graphics Acceleration	No
Series	MPC83xx	Ethernet	10/100/1000Mbps (1)
Security Features	Cryptography, Random Number Generator	Display & Interface Controllers	-
SATA	-	Core Processor	PowerPC e300
RAM Controllers	DDR, DDR2	Co-Processors/DSP	Communications; QUICC Engine, Security; SEC
Package / Case	668-BBGA Exposed Pad	Additional Interfaces	DUART, HDLC, I ² C, PCI, SPI, UART

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC8358EZQAGDDA

Product Attribute				
Part Number	MPC8358EZQAGDDA	MPC8358VRAGDGA	MPC8358EVVAGDGA	MPC8358EVRAGDGA
Manufacturer	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
USB	USB 1.x (1)	USB 1.x (1)	USB 1.x (1)	USB 1.x (1)
Package	Bulk	Tray	Bulk	Tray
RAM Controllers	DDR, DDR2	DDR, DDR2	DDR, DDR2	DDR, DDR2
Security Features	Cryptography, Random Number Generator	-	Cryptography, Random Number Generator	Cryptography, Random Number Generator
Package / Case	668-BBGA Exposed Pad	668-BBGA Exposed Pad	740-LBGA	668-BBGA Exposed Pad
Graphics Acceleration	No	No	No	No
Supplier Device Package	668-TEPBGA (29x29)	668-PBGA-PGE (29x29)	740-TBGA (37.5x37.5)	668-PBGA-PGE (29x29)
Series	MPC83xx	MPC83xx	MPC83xx	MPC83xx
Speed	400MHz	400MHz	400MHz	400MHz
Core Processor	PowerPC e300	PowerPC e300	PowerPC e300	PowerPC e300
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
Display & Interface Controllers	-	-	-	-
Ethernet	10/100/1000Mbps (1)	10/100/1000Mbps (1)	10/100/1000Mbps (1)	10/100/1000Mbps (1)
Additional Interfaces	DUART, HDLC, I ² C, PCI, SPI, UART	DUART, HDLC, I ² C, PCI, SPI, UART	DUART, HDLC, I ² C, PCI, SPI, UART	DUART, HDLC, I ² C, PCI, SPI, UART
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Co-Processors/DSP	Communications; QUICC Engine, Security; SEC	Communications; QUICC Engine	Communications; QUICC Engine, Security; SEC	Communications; QUICC Engine, Security; SEC
SATA	-	-	-	-

Customers Also Interested in

Recommended Products

MPC8358VRAGDGA
NXP USA Inc.
IC MPU MPC83XX 400MHZ 668BGA

MPC8358EVVAGDGA
Freescale Semiconductor
POWERQUICC 32 BIT POWER ARCH SOC

MPC8358EVRAGDGA
NXP USA Inc.
IC MPU MPC83XX 400MHZ 668BGA

MPC8358EZQAGDDA
NXP USA Inc.
IC MPU MPC83XX 400MHZ 668BGA

MPC8360CVVAGDGA
NXP USA Inc.
IC MPU MPC83XX 533MHZ 740TBGA

MPC8358EZUAGDG
NXP USA Inc.
IC MPU MPC83XX 400MHZ 740TBGA

MPC8358CVVAGDGA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCH SOC	MPC8358EVVAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 740TBGA	MPC8358VRAGDGA Freescale Semiconductor POWERQUICC 32 BIT POWER ARCH SOC	MPC8358EVRAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 668BGA	MPC8358EQAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 668BGA	MPC8358ZQAGDDA Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,
					
MPC8358ECZQAGDGA Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC8358ECZQAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 668BGA	MPC8358ZQAGDDA NXP USA Inc. IC MPU MPC83XX 400MHZ 668BGA	MPC8358CVRAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 668BGA	MPC8358VVADDE NXP USA Inc. IC MPU MPC83XX 266MHZ 740TBGA	MPC8360CVVAGDGA NXP USA Inc. IC MPU MPC83XX 400MHZ 740TBGA

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

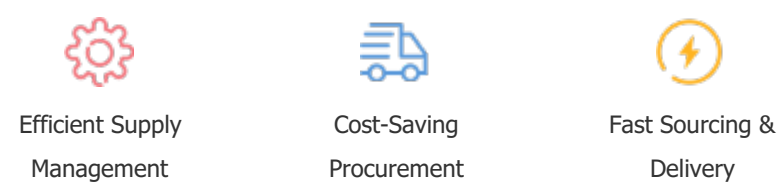
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

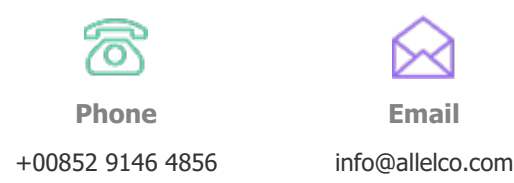
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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