

Image may be representation.  
See specifications for product details.



## MPC855TZQ50D4

Manufacturer Part Number	<b>MPC855TZQ50D4</b>
Manufacturer	<b>Freescale Semiconductor, Inc. (NXP Semiconductors)</b>
Allelco Part Number	32D-MPC855TZQ50D4
ECAD Model	Request Free CAD Models
Parts Description	<b>POWERQUICC 32 BIT POWER ARCHITEC</b>
Package	<b>357-BBGA</b>
Data sheet	MPC855TZQ50D4.pdf

**Get a Quote**

MPC855TZQ50D4 - Freescale Semiconductor. New Original in Stock. Download Linear Technology MPC855TZQ50D4 datasheet/specifications on AllelcoElec.com.  
Request a quote for MPC855TZQ50D4, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MPC855TZQ50D4 Tech Specifications

MPC855TZQ50D4 - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Operating Temperature	0°C ~ 95°C (TA)
Voltage - I/O	3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	-	Mounting Type	Surface Mount
Supplier Device Package	357-PBGA (25x25)	Graphics Acceleration	No
Speed	50MHz	Ethernet	10Mbps (1), 10/100Mbps (1)
Series	MPC8xx	Display & Interface Controllers	-
Security Features	-	Core Processor	MPC8xx
SATA	-	Co-Processors/DSP	Communications; CPM
RAM Controllers	DRAM	Base Product Number	MPC85
Package / Case	357-BBGA	Additional Interfaces	HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MPC855TZQ50D4

Product Attribute				
Part Number	MPC855TZQ50D4	<b>MPC855TZQ66D4</b>	<b>MPC855TVR50D4R2</b>	<b>MPC855TZQ50D4</b>
Manufacturer	Freescale Semiconductor	Freescale Semiconductor	NXP USA Inc.	Motorola
Operating Temperature	0°C ~ 95°C (TA)	0°C ~ 95°C (TA)	0°C ~ 95°C (TA)	0°C ~ 95°C (TA)
Security Features	-	-	-	-
Additional Interfaces	HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART	HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART	HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART	HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART
Supplier Device Package	357-PBGA (25x25)	357-PBGA (25x25)	357-PBGA (25x25)	357-PBGA (25x25)
Speed	50MHz	66MHz	50MHz	50MHz
Co-Processors/DSP	Communications; CPM	Communications; CPM	Communications; CPM	Communications; CPM
Package / Case	357-BBGA	357-BBGA	357-BBGA	357-BBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
USB	-	-	-	-
Core Processor	MPC8xx	MPC8xx	MPC8xx	MPC8xx
SATA	-	-	-	-
Display & Interface Controllers	-	-	-	-
RAM Controllers	DRAM	DRAM	DRAM	DRAM
Graphics Acceleration	No	No	No	No
Ethernet	10Mbps (1), 10/100Mbps (1)	10Mbps (1), 10/100Mbps (1)	10Mbps (1), 10/100Mbps (1)	10Mbps (1), 10/100Mbps (1)
Series	MPC8xx	MPC8xx	MPC8xx	MPC8xx
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Voltage - I/O	3.3V	3.3V	3.3V	3.3V
Package	Bulk	Bulk	Tape & Reel (TR)	Tray
Base Product Number	MPC85	MPC85	MPC85	-

### Customers Also Interested in

#### Recommended Products



NO PICTURE

**MPC855TCZQ50D4**

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT POW



**MPC855TZQ66D4**

Freescale Semiconductor  
POWERQUICC 32 BIT POWER ARCHITEC



**MPC855TVR50D4R2**

NXP USA Inc.  
IC MPU MPC8XX 50MHZ 357BGA



NO PICTURE

**MPC855TZQ80D4**

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT POW



NO PICTURE

**MPC855TZQ50D4**

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT POW



**MPC855TZQ50D4**

Motorola  
POWERQUICC, 32 BIT SOC



### MPC855TZQ80D4

Freescale Semiconductor  
POWERQUICC 32 BIT POWER  
ARCHITEC



### MPC855TZQ66D4

NXP USA Inc.  
IC MPU MPC8XX 66MHZ 357BGA



### MPC855TVR66D4

Freescale Semiconductor  
POWERQUICC 32 BIT POWER  
ARCHITEC



NO PICTURE

### MPC855TVR66D4

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT  
POW



### MPC855TZQ50D4

NXP USA Inc.  
IC MPU MPC8XX 50MHZ 357BGA



NO PICTURE

### MPC855TZQ66D4

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT  
POW



### MPC855TZQ80D4

NXP USA Inc.  
IC MPU MPC8XX 80MHZ 357BGA



### MPC855TCZQ50D4

Freescale Semiconductor  
POWERQUICC 32 BIT POWER  
ARCHITEC



### MPC855TVR50D4

NXP USA Inc.  
IC MPU MPC8XX 50MHZ 357BGA



NO PICTURE

### MPC855TVR50D4

Rochester Electronics, LLC  
MPC855T - POWERQUICC, 32 BIT  
POW



### MPC855TCZQ50D4

NXP USA Inc.  
IC MPU MPC8XX 50MHZ 357BGA



### MPC855TVR50D4

Freescale Semiconductor  
POWERQUICC 32 BIT POWER  
ARCHITEC

## 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

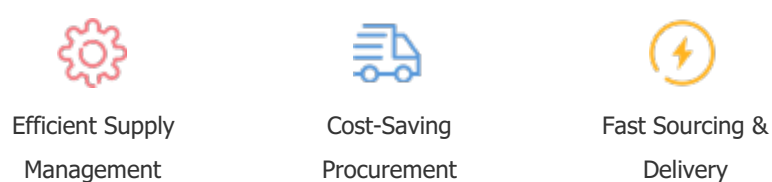
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

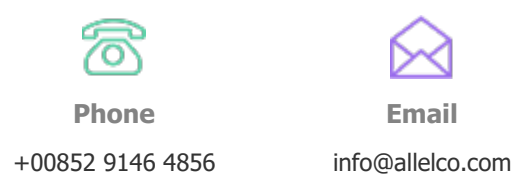
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.