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See specifications for product details.



## MC8640THX1067NE

Manufacturer Part Number	<b>MC8640THX1067NE</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC8640THX1067NE
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC86XX 1.067GHZ 994BGA
Package	994-BCBGA, FCCBGA
Data sheet	MC8640THX1067NE.pdf

**Get a Quote**

MC8640THX1067NE - NXP USA Inc..New Original in Stock. Download Linear Technology MC8640THX1067NE datasheet/specifications on AllelcoElec.com.  
Request a quote for MC8640THX1067NE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC8640THX1067NE Tech Specifications  
MC8640THX1067NE - 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	1.8V, 2.5V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	-	Mounting Type	Surface Mount
Supplier Device Package	994-FCCBGA (33x33)	Graphics Acceleration	No
Speed	1.067GHz	Ethernet	10/100/1000Mbps (4)
Series	MPC86xx	Display & Interface Controllers	-
Security Features	-	Core Processor	PowerPC e600
SATA	-	Co-Processors/DSP	-
RAM Controllers	DDR, DDR2	Base Product Number	MC864
Package / Case	994-BCBGA, FCCBGA	Additional Interfaces	DUART, HSSI, I <sup>2</sup> C, RapidIO
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC8640THX1067NE

Product Attribute				
Part Number	MC8640THX1067NE	<a href="#">MC8640TVJ1067NE</a>	<a href="#">MC8640DVU1000HE</a>	<a href="#">MC8641DHX1500KC</a>
Manufacturer	NXP USA Inc.	Freescal Semiconductor	Freescal Semiconductor	NXP USA Inc.
Security Features	-	-	-	-
Package	Tray	Bulk	Tray	Bulk
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	994-BCBGA, FCCBGA	994-BCBGA, FCBGA	1023-BCBGA, FCCBGA	1023-BBGA, FCBGA
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
Number of Cores/Bus Width	1 Core, 32-Bit	2 Core, 32-Bit	2 Core, 32-Bit	2 Core, 32-Bit
Graphics Acceleration	No	No	No	No
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
Supplier Device Package	994-FCCBGA (33x33)	994-FCCBGA (33x33)	1023-FCCBGA (33x33)	1023-FCCBGA (33x33)
Series	MPC86xx	MPC86xx	MPC86xx	MPC86xx
Additional Interfaces	DUART, HSSI, I <sup>2</sup> C, RapidIO	DUART, HSSI, I <sup>2</sup> C, RapidIO	DUART, HSSI, I <sup>2</sup> C, RapidIO	DUART, HSSI, I <sup>2</sup> C, RapidIO
Ethernet	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)	10/100/1000Mbps (4)
RAM Controllers	DDR, DDR2	DDR, DDR2	DDR, DDR2	DDR, DDR2
Co-Processors/DSP	-	-	-	-
Base Product Number	MC864	-	-	MC864
Speed	1.067GHz	1.067GHz	1.0GHz	1.5GHz
Core Processor	PowerPC e600	PowerPC e600	PowerPC e600	PowerPC e600
USB	-	-	-	-
SATA	-	-	-	-
Display & Interface Controllers	-	-	-	-

### MC8640THX1067NE Datasheet PDF

Download MC8640THX1067NE pdf datasheets and NXP USA Inc. documentation for MC8640THX1067NE - NXP USA Inc..

#### 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](#)

 EOL 02/Feb/2017.pdf

## Customers Also Interested in

### Recommended Products



#### MC8640TVJ1067NE

Freescle Semiconductor  
MPC8640 - 32-Bit Power Architect



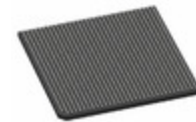
#### MC8640DVU1000HE

Freescle Semiconductor  
MPU, 32-BIT, 1000MHZ, CBGA1023



#### MC8641DHX1500KC

NXP USA Inc.  
IC MPU MPC86XX 1.5GHZ  
1023FCCBGA



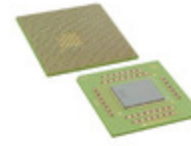
#### MC8640DTVU1250HE

NXP USA Inc.  
IC MPU MPC86XX 1.25GHZ 1023BGA



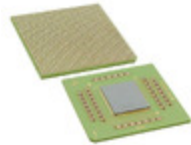
#### MC8641DHX1500KB

NXP USA Inc.  
IC MPU MPC86XX 1.5GHZ  
1023FCCBGA



#### MC8640HX1250HE

NXP USA Inc.  
IC MPU MPC86XX 1.25GHZ  
994FCCBGA



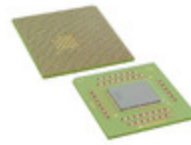
#### MC8641DHX1500KE

NXP USA Inc.  
IC MPU MPC86XX 1.5GHZ  
1023FCCBGA



#### MC8640DTVJ1067NE

NXP USA Inc.  
IC MPU E600 DUAL CORE  
1023FCCBGA



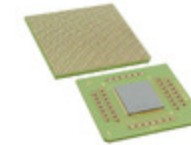
#### MC8640TVJ1067NE

NXP USA Inc.  
IC MPU E600 SGL CORE 994FCCBGA



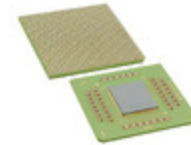
#### MC8640TVU1250HE

Freescle Semiconductor  
MPU, 32-BIT, 1250MHZ, CBGA1023



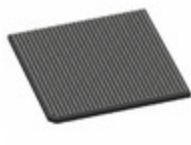
#### MC8641DTHX1333JE

NXP USA Inc.  
IC MPU MPC86XX 1.333GHZ  
1023BGA



#### MC8640DTHX1067NE

NXP USA Inc.  
IC MPU MPC86XX 1.067GHZ  
1023BGA



#### MC8640DVU1000HE

NXP USA Inc.  
IC MPU MPC86XX 1.0GHZ  
1023FCCBGA



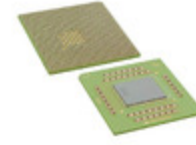
#### MC8641DTHX1333JE

Freescle Semiconductor  
RISC MICROPROCESSOR, 32 BIT,  
POW



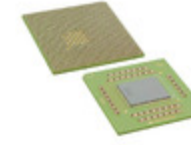
#### MC8640DTVJ1250HE

NXP USA Inc.  
IC MPU E600 DUAL CORE  
1023FCCBGA



#### MC8640TVU1250HE

NXP USA Inc.  
IC MPU MPC86XX 1.25GHZ  
994FCCBGA



#### MC8640THJ1250HE

NXP USA Inc.  
IC MPU MPC86XX 1.25GHZ  
994FCCBGA



#### MC8640DVU1250HE

NXP USA Inc.  
IC MPU MPC86XX 1.25GHZ 1023BGA

## 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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### Contact us

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