

Image may be representation.  
See specifications for product details.



## MC9S12C32MPB25

Manufacturer Part Number	<b>MC9S12C32MPB25</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC9S12C32MPB25
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 52TQFP
Package	52-LQFP
Data sheet	<a href="#">MC9S12C,GC Family.pdf</a> <a href="#">MC9S12C32 Fact Sheet.pdf</a> <a href="#">MC9S12C32 Prod Brief.pdf</a>

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MC9S12C32MPB25 - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S12C32MPB25 datasheet/specifications on AllelcoElec.com.  
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### Specifications

MC9S12C32MPB25 Tech Specifications

MC9S12C32MPB25 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.35V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	52-TQFP (10x10)	Number of I/O	35
Speed	25MHz	Mounting Type	Surface Mount
Series	HCS12	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	HCS12
Peripherals	POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, SCI, SPI
Package / Case	52-LQFP	Base Product Number	MC9S12
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S12C32MPB25

Product Attribute				
Part Number	MC9S12C32MPB25	MC9S12C32MFUE16	MC9S12C32MPBE16	MC9S12C32MFAE25
Manufacturer	NXP USA Inc.	Freescale Semiconductor	Freescale Semiconductor	Freescale Semiconductor
Supplier Device Package	52-TQFP (10x10)	80-QFP (14x14)	52-QFP (10x10)	48-LQFP (7x7)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Peripherals	POR, PWM, WDT	POR, PWM, WDT	POR, PWM, WDT	POR, PWM, WDT
EEPROM Size	-	-	-	-
Base Product Number	MC9S12	MC9S12	MC9S12	MC9S12
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Core Processor	HCS12	HCS12	HCS12	HCS12
Number of I/O	35	60	35	31
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Speed	25MHz	16MHz	16MHz	25MHz
Package / Case	52-LQFP	80-QFP	52-LQFP	48-LQFP
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	2K x 8	2K x 8	2K x 8	2K x 8
Voltage - Supply (Vcc/Vdd)	2.35V ~ 5.5V	2.35V ~ 5.5V	2.35V ~ 5.5V	2.35V ~ 5.5V
Package	Tray	Bulk	Tray	Bulk
Series	HCS12	HCS12	HCS12	HCS12
Connectivity	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI

### MC9S12C32MPB25 Datasheet PDF

Download MC9S12C32MPB25 pdf datasheets and NXP USA Inc. documentation for MC9S12C32MPB25 - NXP USA Inc..


#### PCN Packaging

2.73KHz.pdf

#### Environmental Information

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NXP USA Inc RoHS Cert.pdf

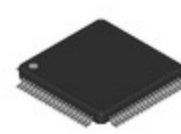

















 MC9S12C,GC Family.pdf

 MC9S12C32 Fact Sheet.pdf

 MC9S12C32 Prod Brief.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MC9S12C32MFUE16</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 80QFP	<b>MC9S12C32MPBE16</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 52TQFP	<b>MC9S12C32MFAE25</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 48LQFP	<b>MC9S12C32VPBE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 52TQFP	<b>MC9S12C32MFUE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 80QFP	<b>MC9S12C32MFAE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 48LQFP
					
<b>MC9S12C64CFAE</b> NXP USA Inc. IC MCU 16BIT 64KB FLASH 48LQFP	<b>MC9S12C32VFAE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 48LQFP	<b>MC9S12C32MFA25</b> Freescale / NXP Semiconductors	<b>MC9S12C32VFUE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 80QFP	<b>MC9S12C32CPBE25</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 52TQFP	<b>MC9S12C32MFAE25</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 48LQFP
					
<b>MC9S12C32MFUE25</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 80QFP	<b>MC9S12C32VFAE16</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 48LQFP	<b>MC9S12C32MPBE25</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 52TQFP	<b>MC9S12C32MFAE16</b> Freescale Semiconductor IC MCU 16BIT 32KB FLASH 48LQFP	<b>MC9S12C32MPBE16</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 52TQFP	<b>MC9S12C32MPBE25</b> NXP USA Inc. IC MCU 16BIT 32KB FLASH 52TQFP

## 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
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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