





Image may be representation.
See specifications for product details.



MC9S12C32CFUE25

Manufacturer Part Number	MC9S12C32CFUE25
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S12C32CFUE25
ECAD Model	 Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 80QFP
Package	80-QFP
Data sheet	MC9S12C,GC Family.pdf MC9S12C32 Fact Sheet.pdf MC9S12C32 Prod Brief.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

MC9S12C32CFUE25 - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S12C32CFUE25 datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S12C32CFUE25, please send us email: info@allelco.com


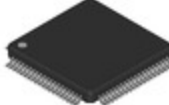


Specifications

MC9S12C32CFUE25 Tech Specifications
MC9S12C32CFUE25 - 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 ~ 85°C (TA)
Supplier Device Package	80-QFP (14x14)	Number of I/O	60
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	80-QFP	Base Product Number	MC9S12
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S12C32CFUE25

Product Attribute				
Part Number	MC9S12C32CFUE25	MC9S12C32CFUE25	MC9S12C128VFUE	MC9S12C32MFUE25
Manufacturer	NXP USA Inc.	Freescale Semiconductor	Freescale Semiconductor	NXP USA Inc.
Core Processor	HCS12	HCS12	HCS12	HCS12
RAM Size	2K x 8	2K x 8	4K x 8	2K x 8
Peripherals	POR, PWM, WDT	POR, PWM, WDT	POR, PWM, WDT	POR, PWM, WDT
EEPROM Size	-	-	-	-
Package	Tray	Bulk	Bulk	Tray
Supplier Device Package	80-QFP (14x14)	80-QFP (14x14)	80-QFP (14x14)	80-QFP (14x14)
Number of I/O	60	60	60	60
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	80-QFP	80-QFP	80-QFP	80-QFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	128KB (128K x 8)	32KB (32K x 8)
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	25MHz	25MHz	25MHz	25MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	HCS12	HCS12	HCS12	HCS12
Base Product Number	MC9S12	MC9S12	MC9S12	MC9S12
Connectivity	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI
Voltage - Supply (Vcc/Vdd)	2.35V ~ 5.5V	2.35V ~ 5.5V	2.35V ~ 5.5V	2.35V ~ 5.5V

MC9S12C32CFUE25 Datasheet PDF

Download MC9S12C32CFUE25 pdf datasheets and NXP USA Inc. documentation for MC9S12C32CFUE25 - 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

HTML Datasheet


 MC9S12C,GC Family.pdf

 MC9S12C32 Fact Sheet.pdf

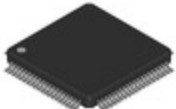
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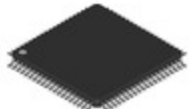
Recommended Products




MC9S12C128VFU
Freescale / NXP Semiconductors




MC9S12C32CFUE25
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 80QFP




MC9S12C128VFUE
Freescale Semiconductor
IC MCU 16BIT 128KB FLASH 80QFP




MC9S12C32MFUE25
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 80QFP




MC9S12C32CPBE25
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 52TQFP




MC9S12C32CFAE25
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 48LQFP




MC9S12C32MFUE16
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 80QFP




MC9S12C32MFAE16
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 48LQFP




MC9S12C32MFAE25
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 48LQFP




MC9S12C32MFAE16
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 48LQFP




MC9S12C32CFA25
Freescale / NXP Semiconductors




MC9S12C128VFUE
NXP USA Inc.
IC MCU 16BIT 128KB FLASH 80QFP




MC9S12C32CFUE16
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 80QFP




MC9S12C32CFAE25
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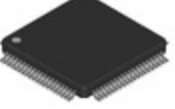
MC9S12C32CFAE16
NXP USA Inc.
IC MCU 16BIT 32KB FLASH 48LQFP



MC9S12C32CPBE25
NXP USA Inc.
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MC9S12C32MFAE25
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 48LQFP



MC9S12C32MFUE16
Freescale Semiconductor
IC MCU 16BIT 32KB FLASH 80QFP

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			DHL & FedEx Shipment Charges Reference	
Region	Country	Logistic Time(Day)	Shipment charges(KG)	Reference DHL(USD\$)
America	United States	5	0.00kg-1.00kg	USD\$60.00
	Brazil	7	1.00kg-2.00kg	USD\$70.00
Europe	Germany	5	2.00kg-3.00kg	USD\$80.00
	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
	New Zealand	7		
Asia	India	6		
	Japan	7		
Middle East	Israel	6		


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@allelco.com

Certifications & Memberships



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