



Image may be representation.
See specifications for product details.



MC9S08PA16VTJ

Manufacturer Part Number	MC9S08PA16VTJ
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08PA16VTJ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	MC9S08PA16A, MC9S08PA8A.pdf MC9S08PA16A, MC9S08PA8A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08PA16VTJ - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08PA16VTJ datasheet/specifications on AllelcoElec.com.
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Specifications

MC9S08PA16VTJ Tech Specifications

MC9S08PA16VTJ - 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)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	20-TSSOP	Number of I/O	18
Speed	20MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	256 x 8
RAM Size	2K x 8	Data Converters	A/D 12x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SPI, UART/USART
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	MC9S08
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08PA16VTJ

Product Attribute				
Part Number	MC9S08PA16VTJ	MC9S08PA32AVLF	MC9S08MP16VWL	MC9S08PA4AVTG
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescall Semiconductor	NXP USA Inc.
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Connectivity	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SCI, SPI	LINbus, SPI, UART/USART
Core Processor	S08	S08	S08	S08
Package	Tube	Tray	Bulk	Tube
Data Converters	A/D 12x12b	A/D 12x12b	A/D 13x12b; D/A 3x5b	A/D 8x12b
Series	S08	S08	S08	S08
RAM Size	2K x 8	4K x 8	1K x 8	512 x 8
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
EEPROM Size	256 x 8	256 x 8	-	128 x 8
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Speed	20MHz	20MHz	51.34MHz	20MHz
Package / Case	20-TSSOP (0.173", 4.40mm Width)	48-LQFP	28-SOIC (0.295", 7.50mm Width)	16-TSSOP (0.173", 4.40mm Width)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)	4KB (4K x 8)
Supplier Device Package	20-TSSOP	48-LQFP (7x7)	28-SOIC	16-TSSOP
Number of I/O	18	41	22	14
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH

MC9S08PA16VTJ Datasheet PDF

Download MC9S08PA16VTJ pdf datasheets and NXP USA Inc. documentation for MC9S08PA16VTJ - NXP USA Inc..

Datasheets


[MC9S08PA16A, MC9S08PA8A.pdf](#)


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

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PCN Assembly/Origin

 Mult Dev Site Chgs 18/Dec/2020.pdf

HTML Datasheet

 MC9S08PA16A, MC9S08PA8A.pdf

Customers Also Interested in

Recommended Products



MC9S08PA32AVLF

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 48LQFP



MC9S08MP16VWL

Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 28SOIC



MC9S08PA4AVTG

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 16TSSOP



MC9S08PA32VLC

Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 32LQFP



MC9S08PA16AVLD

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 44LQFP



MC9S08MP16VWL

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 28SOIC



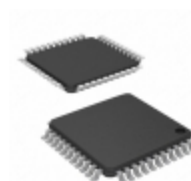
MC9S08PA16VTG

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 16TSSOP



MC9S08PA32AVLD

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44LQFP



MC9S08PA16VLD

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 44LQFP



MC9S08PA16VTG

Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 16TSSOP



MC9S08PA32AVLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



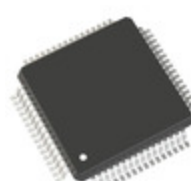
MC9S08PA32VLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



MC9S08PA32AVLDR

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44LQFP



MC9S08PA32AVLH

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP



MC9S08PA16AVTG

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 16TSSOP



MC9S08PA32VLD

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44LQFP



MC9S08PA16AVLC

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP



MC9S08PA16AVWJ

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 20SOIC

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

Contact us if you have any questions.



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Email

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Certifications & Memberships



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