

Image may be representation.
See specifications for product details.



MC9S08SH4MTG

Manufacturer Part Number	MC9S08SH4MTG
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MC9S08SH4MTG
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 4KB FLASH 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	MC9S08SH4MTG.pdf

Get a Quote

MC9S08SH4MTG - Freescale Semiconductor. New Original in Stock. Download Linear Technology MC9S08SH4MTG datasheet/specifications on AllelcoElec.com.
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Specifications

MC9S08SH4MTG Tech Specifications

MC9S08SH4MTG - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	16-TSSOP	Number of I/O	13
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	256 x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (4K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SCI, SPI
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Base Product Number	MC9S08
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MC9S08SH4MTG

Product Attribute				
Part Number	MC9S08SH4MTG	MC9S08SH32VTL	MC9S08SH4CTGR	MC9S08SH4CTJ
Manufacturer	Freescale Semiconductor	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Bulk	Bulk	Tape & Reel (TR)	Tube
Number of I/O	13	23	13	17
Supplier Device Package	16-TSSOP	28-TSSOP	16-TSSOP	20-TSSOP
Program Memory Size	4KB (4K x 8)	32KB (32K x 8)	4KB (4K x 8)	4KB (4K x 8)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 8x10b	A/D 16x10b	A/D 8x10b	A/D 12x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Speed	40MHz	40MHz	40MHz	40MHz
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	-
Package / Case	16-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)
Connectivity	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
RAM Size	256 x 8	1K x 8	256 x 8	256 x 8
Series	S08	S08	S08	S08
Core Processor	S08	S08	S08	S08
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

Customers Also Interested in

Recommended Products



MC9S08SH32VTL

Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 28TSSOP



MC9S08SH4CTGR

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



MC9S08SH4CTJ

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 20TSSOP



MC9S08SH4CTJ

Freescale Semiconductor
IC MCU 8BIT 4KB FLASH 20TSSOP



MC9S08SH8CSC

Freescale Semiconductor
IC MCU 8BIT 8KB FLASH 8SOIC



MC9S08SH4CWJ

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 20SOIC



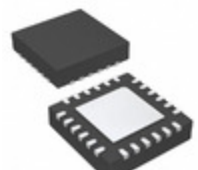
MC9S08SH4MTG

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



MC9S08SH4CTG

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



MC9S08SH8CFK

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 24QFN



MC9S08SH8CTGR

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



MC9S08SH8CTG

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



MC9S08SH4MTJ

Freescale Semiconductor
IC MCU 8BIT 4KB FLASH 20TSSOP



MC9S08SH32VTL

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 28TSSOP



MC9S08SH32MWL

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 28SOIC



MC9S08SH4MTJ

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 20TSSOP



MC9S08SH4CWJR

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 20SOIC



MC9S08SH8CSC

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



MC9S08SH4MTGR

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

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.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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