



Image may be representation.
See specifications for product details.



S9S08MP16E2MLF

Manufacturer Part Number	S9S08MP16E2MLF
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-S9S08MP16E2MLF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 16KB FLASH 48LQFP
Package	48-LQFP
Data sheet	S9S08MP16E2MLF.pdf

Get a Quote

S9S08MP16E2MLF - Freescale Semiconductor. New Original in Stock. Download Linear Technology S9S08MP16E2MLF datasheet/specifications on AllelcoElec.com.
Request a quote for S9S08MP16E2MLF, please send us email: info@allelco.com

Specifications

S9S08MP16E2MLF Tech Specifications

S9S08MP16E2MLF - 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	48-LQFP (7x7)	Number of I/O	40
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	1K x 8	Data Converters	A/D 13x12b; D/A 3x5b
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, SCI, SPI
Package / Case	48-LQFP	Base Product Number	S9S08
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor S9S08MP16E2MLF

Product Attribute				
Part Number	S9S08MP16E2MLF	S9S08LG32J0CLK	S9S08MP16E2MLF	S9S08LG32J0VLH
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)	32KB (32K x 8)
Package	Bulk	Tray	Tray	Tray
RAM Size	1K x 8	1.9K x 8	1K x 8	1.9K x 8
Number of I/O	40	69	40	53
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	S08	S08	S08	S08
EEPROM Size	-	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	S9S08	S9S08	S9S08	S9S08
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	48-LQFP (7x7)	80-LQFP (14x14)	48-LQFP (7x7)	64-LQFP (10x10)
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
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
Data Converters	A/D 13x12b; D/A 3x5b	A/D 16x12b	A/D 13x12b; D/A 3x5b	A/D 12x12b
Core Processor	S08	S08	S08	S08
Package / Case	48-LQFP	80-LQFP	48-LQFP	64-LQFP
Speed	40MHz	40MHz	40MHz	40MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Peripherals	LVD, POR, PWM, WDT	LCD, LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LCD, LVD, POR, PWM, WDT

Customers Also Interested in

Recommended Products

S9S08LG32J0CLK	S9S08LG32J0VLH	S9S08MP16E2MLF	S9S08LG32J0VLH	S9S08LG32J0VLH	S9S08QC6MDTE
NXP USA Inc. IC MCU 8BIT 32KB FLASH 80LQFP	Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 8BIT 16KB FLASH 48LQFP	NXP USA Inc. IC MCU 8BIT 32KB FLASH 64LQFP	Freescale Semiconductor IC MCU 8BIT 32KB FLASH 48LQFP	Freescale / NXP Semiconductors



S9S08LG32J0CLH

Freescale / NXP Semiconductors

S9S08LG32J0VLH

Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 64LQFP

S9S08QB4VDWE

Freescale / NXP Semiconductors

S9S08QC6VDSE

Freescale / NXP Semiconductors

S9S08QD2J1CSC

NXP USA Inc.
IC MCU 8BIT 2KB FLASH 8SOIC

S9S08QC6CDTE

Freescale / NXP Semiconductors



S9S08QC8CDSE

Freescale / NXP Semiconductors

S9S08LG32J0VLK

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 80LQFP

S9S08QC6CDSE

Freescale / NXP Semiconductors

S9S08LG32J0VLF

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

S9S08QB4CDTE

Freescale / NXP Semiconductors

S9S08MP16MLF

Freescale / NXP Semiconductors

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

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Email

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Certifications & Memberships



View More



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