



Image may be representation.
See specifications for product details.



S9S08DZ16F2MLF

Manufacturer Part Number	S9S08DZ16F2MLF
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-S9S08DZ16F2MLF
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 48LQFP
Package	48-LQFP
Data sheet	MC9S08DZ60 Datasheet.pdf

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S9S08DZ16F2MLF - Freescale Semiconductor.New Original in Stock. Download Linear Technology S9S08DZ16F2MLF datasheet/specifications on AllelcoElec.com.
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Specifications

S9S08DZ16F2MLF Tech Specifications

S9S08DZ16F2MLF - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Oscillator Type	External
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	39
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	512 x 8
RAM Size	1K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Package / Case	48-LQFP	Base Product Number	S9S08
Package	Bulk		

Parts with Similar Specifications

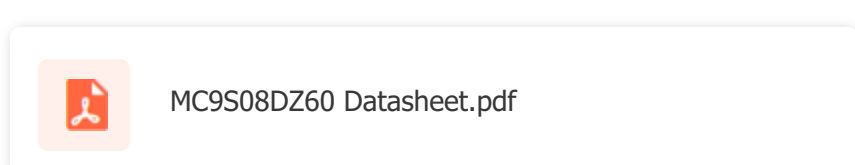
The three parts on the right have similar specifications to Freescale Semiconductor S9S08DZ16F2MLF

Product Attribute				
Part Number	S9S08DZ16F2MLF	S9S08DZ16F2MLC	S9S08DZ32F1MLF	S9S08DZ16F2MLF
Manufacturer	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Series	S08	S08	S08	S08
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	512 x 8	512 x 8	1K x 8	512 x 8
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Number of I/O	39	25	39	39
Package / Case	48-LQFP	32-LQFP	48-LQFP	48-LQFP
RAM Size	1K x 8	1K x 8	2K x 8	1K x 8
Core Processor	S08	S08	S08	S08
Program Memory Size	16KB (16K x 8)	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI
Supplier Device Package	48-LQFP (7x7)	32-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	S9S08	S9S08	S9S08	S9S08
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Data Converters	A/D 16x12b	A/D 10x12b	A/D 16x12b	A/D 16x12b
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package	Bulk	Tray	Tray	Tray
Oscillator Type	External	External	External	External
Speed	40MHz	40MHz	40MHz	40MHz

S9S08DZ16F2MLF Datasheet PDF

Download S9S08DZ16F2MLF pdf datasheets and Freescale Semiconductor documentation for S9S08DZ16F2MLF - Freescale Semiconductor.

Datasheets

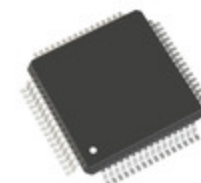


Customers Also Interested in

Recommended Products

**S9S08DZ16F2MLC**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP**S9S08DZ32CLC**

Freescale / NXP Semiconductors

**S9S08DZ32F1MLF**Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 48LQFP**S9S08DZ16F2MLF**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 48LQFP**S9S08DZ32F1MLH**NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP**S9S08DZ16F2CLC**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP**S9S08DZ16F2MLC**Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 32LQFP**S9S08DZ16F1MLF**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 48LQFP**S9S08DZ16MLC**

Freescale / NXP Semiconductors

**S9S08DZ16F1CLC**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP**S9S08DZ32F1MLC**NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP**S9S08DZ32F2CLH**NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP**S9S08DZ32CLH**

Freescale / NXP Semiconductors

**S9S08DZ32F1MLF**NXP USA Inc.
IC MCU 8BIT 32KB FLASH 48LQFP**S9S08DZ128MLL2M78G**

Freescale / NXP Semiconductors

**S9S08DZ16F1MLC**NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP**S9S08DZ16F1MLF**Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 48LQFP**S9S08DZ16F1MLC**Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 32LQFP

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.



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- Efficient Supply Management
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Contact us if you have any questions.

- Phone
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- Email
info@allelco.com

Certifications & Memberships



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