



Image may be representation.
See specifications for product details.



MC9S08DZ60MLF

Manufacturer Part Number	MC9S08DZ60MLF
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08DZ60MLF
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 60KB FLASH 48LQFP
Package	48-LQFP
Data sheet	MC9S08DZ60MLF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08DZ60MLF - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08DZ60MLF datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S08DZ60MLF, please send us email: info@allelco.com

Specifications

MC9S08DZ60MLF Tech Specifications

MC9S08DZ60MLF - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	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	2K x 8
RAM Size	4K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	60KB (60K 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	MC9S08
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08DZ60MLF

Product Attribute				
Part Number	MC9S08DZ60MLF	MC9S08DZ60MLH	MC9S08EL32CTJ	MC9S08DZ60AMLH
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI
EEPROM Size	2K x 8	2K x 8	512 x 8	2K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Supplier Device Package	48-LQFP (7x7)	64-LQFP (10x10)	20-TSSOP	64-LQFP (10x10)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	48-LQFP	64-LQFP	20-TSSOP (0.173", 4.40mm Width)	64-LQFP
Speed	40MHz	40MHz	40MHz	40MHz
Oscillator Type	External	External	External	External
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	39	53	16	53
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Program Memory Size	60KB (60K x 8)	60KB (60K x 8)	32KB (32K x 8)	60KB (60K x 8)
Package	Tray	Tray	Tray	Bulk
Core Processor	S08	S08	S08	S08
Series	S08	S08	S08	S08
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
RAM Size	4K x 8	4K x 8	1K x 8	4K x 8
Data Converters	A/D 16x12b	A/D 24x12b	A/D 12x10b	A/D 24x12b

MC9S08DZ60MLF Datasheet PDF

Download MC9S08DZ60MLF pdf datasheets and NXP USA Inc. documentation for MC9S08DZ60MLF - NXP USA Inc..

PCN Packaging

All Dev Label Update 15/Dec/2020.pdf








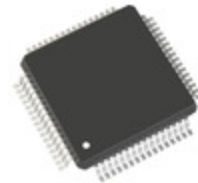

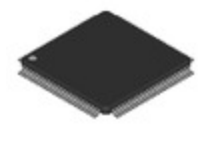






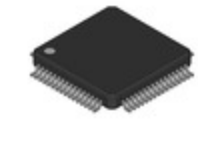

Environmental Information

NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf

Customers Also Interested in

Recommended Products

 MC9S08DZ60MLH NXP USA Inc. IC MCU 8BIT 60KB FLASH 64LQFP	 MC9S08EL32CTJ NXP USA Inc. IC MCU 8BIT 32KB FLASH 20TSSOP	 MC9S08DZ60AMLH Freescale Semiconductor IC MCU 8BIT 60KB FLASH 64LQFP	 MC9S08DZ60MLC NXP USA Inc. IC MCU 8BIT 60KB FLASH 32LQFP	 MC9S08FL16CLC NXP USA Inc. IC MCU 8BIT 16KB FLASH 32LQFP	 MC9S08DZ60AMLC Freescale Semiconductor IC MCU 8BIT 60KB FLASH 32LQFP
 MC9S08DZ96CLL NXP USA Inc. IC MCU 8BIT 96KB FLASH 100LQFP	 MC9S08DZ60AMLH NXP USA Inc. IC MCU 8BIT 60KB FLASH 64LQFP	 MC9S08DZ60CLH NXP USA Inc. IC MCU 8BIT 60KB FLASH 64LQFP	 MC9S08DZ96CLL Freescale Semiconductor IC MCU 8BIT 96KB FLASH 100LQFP	 MC9S08DZ60CLC NXP USA Inc. IC MCU 8BIT 60KB FLASH 32LQFP	 MC9S08DZ60F1MLFR FSL
 MC9S08EL32CTJ Freescale Semiconductor IC MCU 8BIT 32KB FLASH 20TSSOP	 MC9S08DZ60MLC Freescale Semiconductor IC MCU 8BIT 60KB FLASH 32LQFP	 MC9S08FL16CBM NXP USA Inc. IC MCU 8BIT 16KB FLASH 32SDIP	 MC9S08DZ60CLC Freescale Semiconductor IC MCU 8BIT 60KB FLASH 32LQFP	 MC9S08DZ60MLH Freescale Semiconductor IC MCU 8BIT 60KB FLASH 64LQFP	 MC9S08DZ60AMLC NXP USA Inc. IC MCU 8BIT 60KB 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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