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See specifications for product details.



MC9S08QE128CLD

Manufacturer Part Number	MC9S08QE128CLD
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08QE128CLD
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 128KB FLASH 44LQFP
Package	44-LQFP
Data sheet	MC9S08QE128 Fact Sheet.pdf MC9S08QE64,96,128 Datasheet.pdf MC9S08QE64,96,128 Ref Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08QE128CLD - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08QE128CLD datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S08QE128CLD, please send us email: info@allelco.com

Specifications

MC9S08QE128CLD Tech Specifications

MC9S08QE128CLD - 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)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-LQFP (10x10)	Number of I/O	34
Speed	50MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 10x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	S08
Peripherals	LVD, PWM, WDT	Connectivity	I ² C, LINbus, SCI, SPI
Package / Case	44-LQFP	Base Product Number	MC9S08
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08QE128CLD

Product Attribute				
Part Number	MC9S08QE128CLD	MC9S08QD4MSC	MC9S08QE128CLH	MC9S08QD4CSC
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	LVD, PWM, WDT	LVD, POR, PWM, WDT	LVD, PWM, WDT	LVD, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	2.7V ~ 5.5V	1.8V ~ 3.6V	2.7V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	50MHz	16MHz	50MHz	16MHz
Supplier Device Package	44-LQFP (10x10)	8-SOIC	64-LQFP (10x10)	8-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 10x12b	A/D 4x10b	A/D 22x12b	A/D 4x10b
Number of I/O	34	4	54	4
EEPROM Size	-	-	-	-
Connectivity	I ² C, LINbus, SCI, SPI	-	I ² C, LINbus, SCI, SPI	-
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	44-LQFP	8-SOIC (0.154", 3.90mm Width)	64-LQFP	8-SOIC (0.154", 3.90mm Width)
Package	Tray	Tube	Tray	Tube
Program Memory Size	128KB (128K x 8)	4KB (4K x 8)	128KB (128K x 8)	4KB (4K x 8)
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
RAM Size	8K x 8	256 x 8	8K x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	S08	S08	S08	S08
Series	S08	S08	S08	S08

MC9S08QE128CLD Datasheet PDF

Download MC9S08QE128CLD pdf datasheets and NXP USA Inc. documentation for MC9S08QE128CLD - NXP USA Inc..

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Packaging

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet


MC9S08QE128 Fact Sheet.pdf

MC9S08QE64,96,128 Datasheet.pdf

MC9S08QE64,96,128 Ref Manual.pdf

Customers Also Interested in

Recommended Products

 MC9S08QD4MSC NXP USA Inc. IC MCU 8BIT 4KB FLASH 8SOIC	 MC9S08QE128CLH NXP USA Inc. IC MCU 8BIT 128KB FLASH 64LQFP	 MC9S08QD4CSC NXP USA Inc. IC MCU 8BIT 4KB FLASH 8SOIC	 MC9S08QD2VSC NXP USA Inc. IC MCU 8BIT 2KB FLASH 8SOIC	 MC9S08QD2VSC Freescale Semiconductor IC MCU 8BIT 2KB FLASH 8SOIC	 MC9S08QE16CLC NXP USA Inc. IC MCU 8BIT 16KB FLASH 32LQFP
 MC9S08QE32CFT NXP USA Inc. IC MCU 8BIT 32KB FLASH 48QFN	 MC9S08QE32CLCR Freescale Semiconductor IC MCU 8BIT 32KB FLASH 32LQFP	 MC9S08QD4MSCR NXP USA Inc. IC MCU 8BIT 4KB FLASH 8SOIC	 MC9S08QE16CFT NXP USA Inc. IC MCU 8BIT 16KB FLASH 48QFN	 MC9S08QD4CPC NXP USA Inc. IC MCU 8BIT 4KB FLASH 8DIP	 MC9S08QE32CLC NXP USA Inc. IC MCU 8BIT 32KB FLASH 32LQFP
 MC9S08QE32CLCR NXP USA Inc. IC MCU 8BIT 32KB FLASH 32LQFP	 MC9S08QE128CFT NXP USA Inc. IC MCU 8BIT 128KB FLASH 48QFN	 MC9S08QE16CWL NXP USA Inc. IC MCU 8BIT 16KB FLASH 28SOIC	 MC9S08QE128CLK Freescale Semiconductor IC MCU 8BIT 128KB FLASH 80LQFP	 MC9S08QD4MSCR Freescale Semiconductor IC MCU 8BIT 4KB FLASH 8SOIC	 MC9S08QD4MSC Freescale Semiconductor IC MCU 8BIT 4KB FLASH 8SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



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