

Image may be representation.  
See specifications for product details.



## MC9S08AC128CFUE

Manufacturer Part Number	<b>MC9S08AC128CFUE</b>
Manufacturer	<b>Freescale Semiconductor, Inc. (NXP Semiconductors)</b>
Allelco Part Number	32D-MC9S08AC128CFUE
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>IC MCU 8BIT 128KB FLASH 64QFP</b>
Package	<b>64-QFP</b>
Data sheet	MC9S08AC128CFUE.pdf

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MC9S08AC128CFUE - Freescale Semiconductor. New Original in Stock. Download Linear Technology MC9S08AC128CFUE datasheet/specifications on AllelcoElec.com.  
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### Specifications

MC9S08AC128CFUE Tech Specifications  
MC9S08AC128CFUE - 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 ~ 85°C (TA)
Supplier Device Package	64-QFP (14x14)	Number of I/O	54
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, LINbus, SCI, SPI
Package / Case	64-QFP	Base Product Number	MC9S08
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MC9S08AC128CFUE

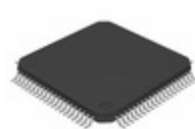
Product Attribute				
Part Number	MC9S08AC128CFUE	MC9S08AC128MFUE	MC9S08AC128CLKE	MC9RS08LA8CLF
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Number of I/O	54	54	69	31
Connectivity	I <sup>2</sup> C, LINbus, SCI, SPI	I <sup>2</sup> C, LINbus, SCI, SPI	I <sup>2</sup> C, LINbus, SCI, SPI	SCI, SPI
Base Product Number	MC9S08	MC9S08	MC9S08	MC9RS08
Package	Bulk	Tray	Tray	Bulk
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LCD, LVD, POR, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	64-QFP (14x14)	64-QFP (14x14)	80-LQFP (14x14)	48-LQFP (7x7)
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 6x10b
Series	S08	S08	S08	RS08
RAM Size	8K x 8	8K x 8	8K x 8	256 x 8
Core Processor	S08	S08	S08	RS08
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
EEPROM Size	-	-	-	-
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	40MHz	40MHz	40MHz	20MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	8KB (8K x 8)
Package / Case	64-QFP	64-QFP	80-LQFP	48-LQFP

### Customers Also Interested in

#### Recommended Products



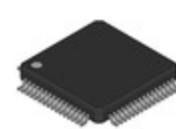
**MC9S08AC128MFUE**  
NXP USA Inc.  
IC MCU 8BIT 128KB FLASH 64QFP



**MC9S08AC128CLKE**  
NXP USA Inc.  
IC MCU 8BIT 128KB FLASH 80LQFP



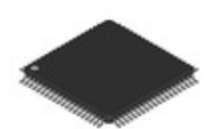
**MC9RS08LA8CLF**  
Freescale Semiconductor  
IC MCU 8BIT 8KB FLASH 48LQFP



**MC9S08AC128MFUE**  
Freescale Semiconductor  
IC MCU 8BIT 128KB FLASH 64QFP



**MC9S08AC16CFJE**  
NXP USA Inc.  
IC MCU 8BIT 16KB FLASH 32LQFP



**MC9S08AC128MLKE**  
Freescale Semiconductor  
IC MCU 8BIT 128KB FLASH 80LQFP

					
<b>MC9S08AC128MLKE</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 80LQFP	<b>MC9RS08LA8CLF</b> NXP USA Inc. IC MCU 8BIT 8KB FLASH 48LQFP	<b>MC9S08AC16CFGE</b> NXP USA Inc. IC MCU 8BIT 16KB FLASH 44LQFP	<b>MC9RS08LA8CFT</b> NXP USA Inc. IC MCU 8BIT 8KB FLASH 48QFN	<b>MC9RS08LE4CWL</b> NXP USA Inc. IC MCU 8BIT 4KB FLASH 28SOIC	<b>MC9S08AC128CFUE</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 64QFP
					
<b>MC9S08AC128RCFGE</b> Freescale / NXP Semiconductors	<b>MC9S08AC128CFGE</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 44LQFP	<b>MC9RX32A</b> FREECAL	<b>MC9RS08LE4CWL</b> Freescale Semiconductor IC MCU 8BIT 4KB FLASH 28SOIC	<b>MC9RS08LA8CFT</b> Freescale Semiconductor IC MCU 8BIT 8KB FLASH 48QFN	<b>MC9RS08KB8CWJ</b> NXP USA Inc. IC MCU 8BIT 8KB FLASH 20SOIC

## 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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