



Image may be representation.
See specifications for product details.



MC9S08GT60ACBE

Manufacturer Part Number	MC9S08GT60ACBE
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08GT60ACBE
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 60KB FLASH 42DIP
Package	42-SDIP (0.600", 15.24mm)
Data sheet	MC9S08GB,GT60A,32A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08GT60ACBE - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08GT60ACBE datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S08GT60ACBE, please send us email: info@allelco.com

Specifications

MC9S08GT60ACBE Tech Specifications
MC9S08GT60ACBE - 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	42-PDIP	Number of I/O	33
Speed	40MHz	Mounting Type	Through Hole
Series	S08	EEPROM Size	-
RAM Size	4K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	60KB (60K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, SCI, SPI
Package / Case	42-SDIP (0.600", 15.24mm)	Base Product Number	MC9S08
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08GT60ACBE

Product Attribute				
Part Number	MC9S08GT60ACBE	MC9S08GT60ACFDE	MC9S08GT60ACFBE	MC9S08GT16CFD
Manufacturer	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Connectivity	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Package / Case	42-SDIP (0.600", 15.24mm)	48-VFQFN Exposed Pad	44-QFP	48-VFQFN Exposed Pad
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	4K x 8	4K x 8	4K x 8	1K x 8
Program Memory Size	60KB (60K x 8)	60KB (60K x 8)	60KB (60K x 8)	16KB (16K x 8)
Core Processor	S08	S08	S08	S08
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Series	S08	S08	S08	S08
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Package	Tube	Tray	Tray	Bulk
Speed	40MHz	40MHz	40MHz	40MHz
Number of I/O	33	39	36	39
Supplier Device Package	42-PDIP	48-QFN (7x7)	44-QFP (10x10)	48-QFN-EP (7x7)

MC9S08GT60ACBE Datasheet PDF

Download MC9S08GT60ACBE pdf datasheets and NXP USA Inc. documentation for MC9S08GT60ACBE - NXP USA Inc..

Datasheets

[MC9S08GB,GT60A,32A.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

Environmental Information



NXP USA Inc REACH.pdf



NXP USA Inc RoHS Cert.pdf

PCN Obsolescence/ EOL



Multiple Devices 03/Oct/2012.pdf

Customers Also Interested in

Recommended Products



MC9S08GT60ACFDE

Freescale Semiconductor
IC MCU 8BIT 60KB FLASH 48HVQFN



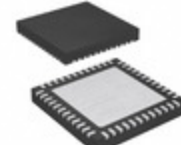
MC9S08GT60ACFBE

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 44QFP



MC9S08GT16CFD

Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 48QFN



MC9S08GT60ACFDER

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 48QFN



MC9S08GT60ACFBE

Freescale Semiconductor
MICROCONTROLLER, 8-BIT,
HC08/S08



MC9S08GT32ACFBE

Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 44QFP



MC9S08GT16CFBE

Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 44QFP



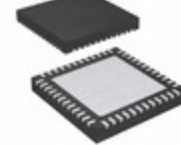
MC9S08GT32CFBE

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44QFP



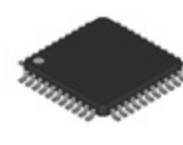
MC9S08GT32CFB

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44QFP



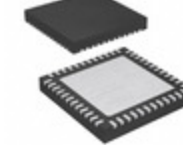
MC9S08GT60CFD

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IC MCU 8BIT 60KB FLASH 48QFN



MC9S08GT60ACBE

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IC MCU 8BIT 60KB FLASH 42DIP



MC9S08GT32ACFDE

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



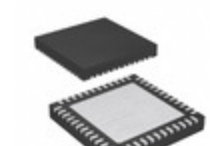
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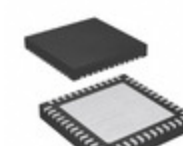
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MC9S08GT60ACFDE

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IC MCU 8BIT 60KB FLASH 48QFN

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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