

Image may be representation.
See specifications for product details.



MC56F8247VLHR

Manufacturer Part Number	MC56F8247VLHR
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MC56F8247VLHR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 48KB FLASH 64LQFP
Package	64-LQFP
Data sheet	MC56F8247VLHR.pdf

Get a Quote

MC56F8247VLHR - Freescale Semiconductor. New Original in Stock. Download Linear Technology MC56F8247VLHR datasheet/specifications on AllelcoElec.com.
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Specifications

MC56F8247VLHR Tech Specifications

MC56F8247VLHR - 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)	3V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	54
Speed	60MHz	Mounting Type	Surface Mount
Series	56F8xxx	EEPROM Size	-
RAM Size	4K x 16	Data Converters	A/D 16x12b; D/A 1x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	48KB (24K x 16)	Core Processor	56800E
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Package / Case	64-LQFP	Base Product Number	MC56F82
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MC56F8247VLHR

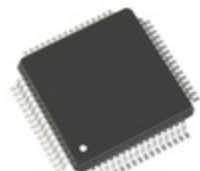
Product Attribute				
Part Number	MC56F8247VLHR	MC56F82623VLC	MC56F8247VLHR	MC56F82723VLC
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Supplier Device Package	64-LQFP (10x10)	32-LQFP (7x7)	64-LQFP (10x10)	32-LQFP (7x7)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	56800E	56800EX	56800E	56800EX
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	2.7V ~ 3.6V	3V ~ 3.6V	2.7V ~ 3.6V
Program Memory Size	48KB (24K x 16)	32KB (16K x 16)	48KB (24K x 16)	32KB (16K x 16)
Peripherals	LVD, POR, PWM, WDT	DMA, LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	DMA, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	56F8xxx	56F8xxx	56F8xxx	56F8xxx
Package	Bulk	Tray	Tape & Reel (TR)	Tray
EEPROM Size	-	-	-	-
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Core Size	16-Bit	32-Bit Single-Core	16-Bit	32-Bit Single-Core
Base Product Number	MC56F82	MC56F82	MC56F82	MC56F82
Package / Case	64-LQFP	32-LQFP	64-LQFP	32-LQFP
Oscillator Type	Internal	Internal	Internal	Internal
Speed	60MHz	100MHz	60MHz	100MHz
Number of I/O	54	26	54	26
Data Converters	A/D 16x12b; D/A 1x12b	A/D 6x12b	A/D 16x12b; D/A 1x12b	A/D 6x12b; D/A 2x12b
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	SCI	CANbus, I ² C, LINbus, SCI, SPI	I ² C, SCI, SPI
RAM Size	4K x 16	8K x 8	4K x 16	3K x 16

Customers Also Interested in

Recommended Products



MC56F82623VLC
NXP USA Inc.
IC MCU 32BIT 32KB FLASH 32LQFP



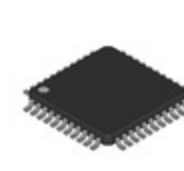
MC56F8247VLHR
NXP USA Inc.
IC MCU 16BIT 48KB FLASH 64LQFP



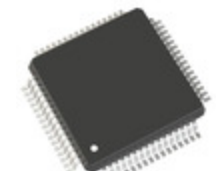
MC56F82723VLC
NXP USA Inc.
IC MCU 32BIT 32KB FLASH 32LQFP



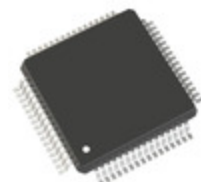
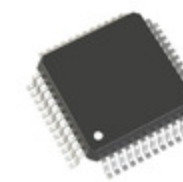
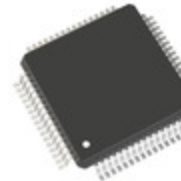
MC56F8255VLD
NXP USA Inc.
IC MCU 16BIT 64KB FLASH 44LQFP



MC56F8245VLD
Freescale Semiconductor
IC MCU 16BIT 48KB FLASH 44LQFP



MC56F8257MLH
NXP USA Inc.
IC MCU 16BIT 64KB FLASH 64LQFP

**MC56F8246VLF**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 48LQFP**MC56F8257VLH**NXP USA Inc.
IC MCU 16BIT 64KB FLASH 64LQFP**MC56F82723VLC**Freescale Semiconductor
IC MCU 32BIT 32KB FLASH 32LQFP**MC56F8256VLF**NXP USA Inc.
IC MCU 16BIT 64KB FLASH 48LQFP**MC56F8246MLF**Freescale Semiconductor
IC MCU 16BIT 48KB FLASH 48LQFP**MC56F8246MLF**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 48LQFP**MC56F8256VLF**Freescale Semiconductor
IC MCU 16BIT 64KB FLASH 48LQFP**MC56F82646VLF**NXP USA Inc.
IC MCU 32BIT 64KB FLASH 48LQFP**MC56F8245VLD**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 44LQFP**MC56F8245MLD**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 44LQFP**MC56F8247VLH**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 64LQFP**MC56F8247MLH**NXP USA Inc.
IC MCU 16BIT 48KB FLASH 64LQFP

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.



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Email

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Certifications & Memberships



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