

MC9S12GC16MFAE Information


For Reference Only

Part Number [MC9S12GC16MFAE](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 16KB FLASH 48LQFP
Package 48-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


MC9S12GC16MFAE Specifications

Manufacturer Part Number	MC9S12GC16MFAE
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	48-LQFP
Series	HCS12
Core Processor	HCS12
Core Size	16-Bit
Speed	25MHz
Connectivity	EBI/EMI, SCI, SPI
Peripherals	POR, PWM, WDT
Number of I/O	31
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	1K x 8
Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

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MC9S12GC16MFAE Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MC9S12GC16MFAE Payment Methods



MC9S12GC16MFAE Shipping Methods



If you have any question about MC9S12GC16MFAE, please do not hesitate to contact us!

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