

MC9S12GC16MFAE



Part Number: [MC9S12GC16MFAE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 16KB FLASH 48LQFP

Data sheet:  [MC9S12C,GC Family](#)

RoHs Status: Lead free / RoHS Compliant

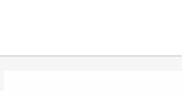
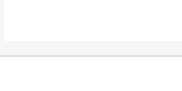
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PRODUCT PARAMETER			
Part Number	MC9S12GC16MFAE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4097 pcs	Data sheet	MC9S12C,GC Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	25MHz
Series	HCS12	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	31
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 8x10b	Core Size	16-Bit
Core Processor	HCS12	Connectivity	EBI/EMI, SCI, SPI
Base Part Number	MC9S12GC16		
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