

NXP Semiconductors / Freescale

MC9S12GC16MFAE

Part Number:	MC9S12GC16MFAE
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 16KB FLASH 48LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5442 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

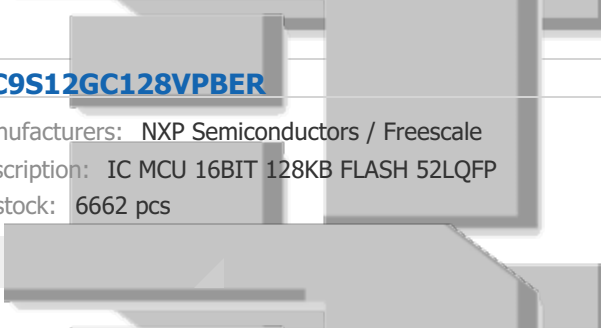
Specifications of MC9S12GC16MFAE

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	5442 pcs
DATA SHEET	
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

Related Tags

MC9S12GC16MFAE	MC9S12GC16MFAE Distributor	MC9S12GC16MFAE Supplier
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Related Products

	MC9S12GC16CPBE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 52LQFP In stock: 14392 pcs RFQ		MC9S12GC128VPBE Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 52LQFP In stock: 4493 pcs RFQ
	MC9S12GC16VF AE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 48LQFP In stock: 4578 pcs RFQ		MC9S12GC16MFUE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 80QFP In stock: 5811 pcs RFQ
	MC9S12GC32CPBE Manufacturers: NXP Description: IC MCU 16BIT 32KB FLASH 52LQFP In stock: 9052 pcs RFQ		MC9S12GC16CFUE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 80QFP In stock: 14956 pcs RFQ
	MC9S12GC128VFUE Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 3088 pcs RFQ		MC9S12GC128VPBER Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 52LQFP In stock: 6662 pcs
	MC9S12GC16MPBE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 52LQFP In stock: 5820 pcs RFQ		MC9S12GC16CF AE Manufacturers: NXP Description: IC MCU 16BIT 16KB FLASH 80QFP In stock: 19392 pcs RFQ
	MC9S12GC32CF AE Manufacturers: NXP Description: IC MCU 16BIT 32KB FLASH 48LQFP In stock: 7201 pcs RFQ		MC9S12GC32CFUE Manufacturers: NXP Description: IC MCU 16BIT 32KB FLASH 80QFP In stock: 8736 pcs RFQ