

MC9S12XEP100MAG



Part Number: [MC9S12XEP100MAG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 1MB FLASH 144LQFP

Data sheet:  [MC9S12XE Family Brief](#)
 [MC9S12XEP100, MC9S12XE Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

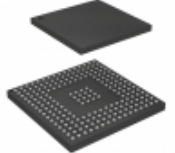
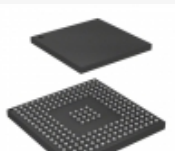
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PRODUCT PARAMETER			
Part Number	MC9S12XEP100MAG	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4886 pcs	Data sheet	MC9S12XE Family Brief MC9S12XEP100, MC9S12XE Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	50MHz
Series	HCS12X	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935316665557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	119	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 24x12b	Core Size	16-Bit
Core Processor	HCS12X	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
Base Part Number	MC9S12XEP100		
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	Part#: MC9S12XEP100CAL Description: IC MCU 16BIT 1MB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S12XEP100MVL Description: IC MCU 16BIT 1MB FLASH 208MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S12XEP768MAL Description: IC MCU 16BIT 768KB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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