

S912XEP100W1MAG



Part Number: [S912XEP100W1MAG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 1MB FLASH 144LQFP

Data sheet:  [MC9S12XEP100 Family](#)

RoHs Status: Lead free / RoHS Compliant

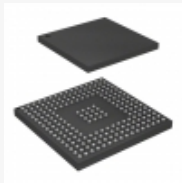
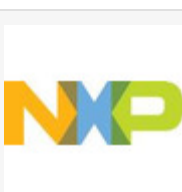
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PRODUCT PARAMETER			
Part Number	S912XEP100W1MAG	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6212 pcs	Data sheet	MC9S12XEP100 Family
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	935317968557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	119	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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		
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	Part#: S912XEP768J4MAG Description: IC MCU 16BIT 768KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912XEP100W1MAL Description: IC MCU 16BIT 1MB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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