



**MC9S12XEQ512CAG**

Manufacturer Part Number:	MC9S12XEQ512CAG
Manufacturer / Brand:	NXP Semiconductors / Freescale
Part of Description:	IC MCU 16BIT 512KB FLASH 144LQFP
Datasheets:	MC9S12XEQ512CAG.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of MC9S12XEQ512CAG

Part Number	MC9S12XEQ512CAG	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	HCS12X	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	MC9S12XEQ512	Package / Case	144-LQFP
Packaging	Tray	Supplier Device Package	144-LQFP (20x20)
Operating Temperature	-40°C ~ 85°C (TA)	Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
Peripherals	LVD, POR, PWM, WDT	Core Processor	HCS12X
Speed	50MHz	Number of I/O	119
EEPROM Size	4K x 8	RAM Size	32K x 8
Core Size	16-Bit	Connectivity	CANbus, EBI/EMI, PC, IrDA, SCI, SPI
Program Memory Size	512KB (512K x 8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V	Data Converters	A/D 24x12b
Oscillator Type	External	Other Names	568-14141 935322846557 MC9S12XEQ512CAG-ND
Stock Quantity	100 pcs Stock	Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Description	IC MCU 16BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to MC9S12XEQ512CAG

NXP Semiconductors / Freescale	MC9S12XEQ512CAG part	MC9S12XEQ512CAG Price	MC9S12XEQ512CAG Distributor
MC9S12XEQ512CAG	MC9S12XEQ512CAG Technical	MC9S12XEQ512CAG Stock	MC9S12XEQ512CAG Inventory
MC9S12XEQ512CAG Supplier	MC9S12XEQ512CAG Online Order	MC9S12XEQ512CAG Inquiry	MC9S12XEQ512CAG Image
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 <b>MC9S12XET256CAG</b> Description: IC MCU 16BIT 256KB FLASH 144LQFP Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 500 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XEG384CAL</b> Description: MC9S12XEG384CAL FREESCALE QFP-112 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 400 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XEQ384CAL</b> Description: IC MCU 16BIT 384KB FLASH 112LQFP Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
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 <b>MC9S12XEP768VAG</b> Description: MC9S12XEP768VAG Freescale LQFP144 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 1000 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XET256VAG</b> Description: MC9S12XET256VAG FREESCALE TQFP144 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 500 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XEG384VAL</b> Description: MC9S12XEG384VAL FREESCALE TQFP-112 Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 1200 pcs Stock Available. Quote: <input type="button" value="RFQ"/>
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 <b>MC9S12XET256MAA</b> Description: IC MCU 16BIT 256KB FLASH 80QFP Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 600 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XEP100J5MAGR</b> Description: MC9S12XEP100J5MAGR FREESCALE QFP Manufacturers: FREESCALE In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/>	 <b>MC9S12XEP768MVL</b> Description: MC9S12XEP768MVL Freescale 208MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/>



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