






















S912XEQ512F1MAGR

	<p>Part Number: S912XEQ512F1MAGR</p> <p>Manufacturer: NXP Semiconductors / Freescale</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Data sheet: MC9S12XE Family Brief MC9S12XEP100 Family</p>	<p>RoHS Status:</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Images are for reference only. See Product Specifications for product details. Buy S912XEQ512F1MAGR with confidence from Component-World.HK, 1 Year Warranty</p>		<p>Request For Quotation</p>

PRODUCT PARAMETER	
Part Number	S912XEQ512F1MAGR
Description	16-BIT MCU S12X CORE 512KB FLA
Quantity Available	7041 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	144-LQFP (20x20)
Series	HCS12X
Program Memory Type	FLASH
Peripherals	LVD, POR, PWM, WDT
Package / Case	144-LQFP
Oscillator Type	External
Number of I/O	119
Manufacturer Standard Lead Time	14 Weeks
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
Core Size	16-Bit
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
Manufacturer	NXP Semiconductors / Freescale
Lead Free Status / RoHS Status	
Data sheet	MC9S12XE Family Brief MC9S12XEP100 Family
Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Speed	50MHz
RAM Size	32K x 8
Program Memory Size	512KB (512K x 8)
Packaging	Tape & Reel (TR)
Other Names	935311842528
Operating Temperature	-40°C ~ 125°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	4K x 8
Data Converters	A/D 24x12b
Core Processor	HCS12X

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RFQ Email: info@Components-World.com

RELATED PRODUCTS	
	<p>Part#: S912XEQ512F1MAAR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512J2MAA</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F0CALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F0MAL</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F0CAL</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1VAAR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1MAL</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1CAGR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F0MALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1MAA</p> <p>Description: IC MCU 16BIT 512KB FLASH 80QFP</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512J2CAL</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1CAG</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1VALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512BVALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1MAG</p> <p>Description: IC MCU 16BIT 512KB FLASH 144LQFP</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1VAL</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1VAA</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512F1MALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
	<p>Part#: S912XEQ512J2CALR</p> <p>Description: 16-BIT MCU S12X CORE 512KB FLA</p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>RFQ</p>
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