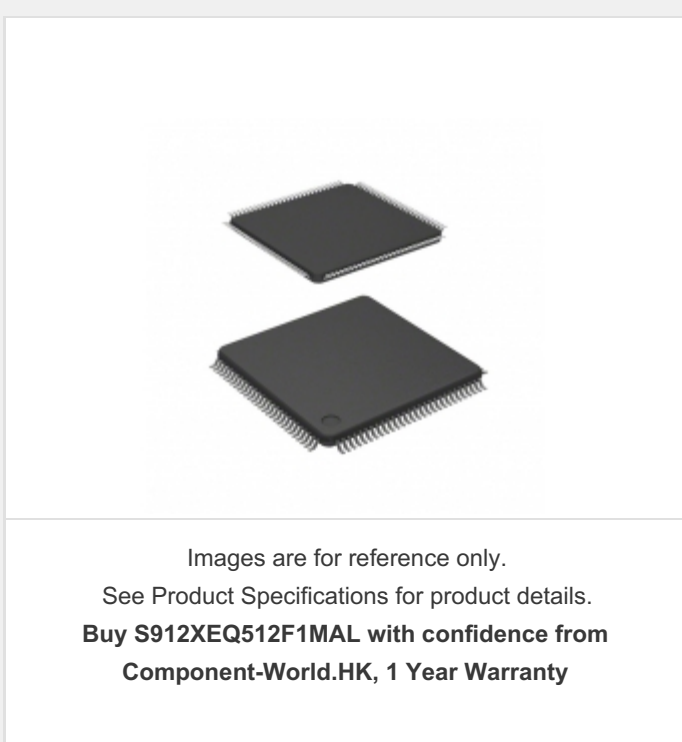


S912XEQ512F1MAL



Part Number: [S912XEQ512F1MAL](#)
Manufacturer: [NXP Semiconductors / Freescale](#)
Description: 16-BIT MCU S12X CORE 512KB FLA
Data sheet: [MC9S12XE Family Brief](#)
[MC9S12XEP100 Family](#)

RoHS Status:
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	S912XEQ512F1MAL
Description	16-BIT MCU S12X CORE 512KB FLA
Quantity Available	5939 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	112-LQFP (20x20)
Series	HCS12X
Program Memory Type	FLASH
Peripherals	LVD, POR, PWM, WDT
Package / Case	112-LQFP
Oscillator Type	External
Number of I/O	91
Manufacturer Standard Lead Time	14 Weeks
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 112-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	Tray
Other Names	935320025557
Operating Temperature	-40°C ~ 125°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	4K x 8
Data Converters	A/D 16x12b
Core Processor	HCS12X

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RFQ Email: info@Components-World.com

RELATED PRODUCTS	
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	Part#: S912XEQ512F1CAGR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512F1MAG Description: IC MCU 16BIT 512KB FLASH 144LQFP Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512J2CAL Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512J2MAAR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: S912XEQ512F0MALR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: S912XEQ512J3CAAR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512J2CALR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512F1MAAR Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912XEQ512F0CAL Description: 16-BIT MCU S12X CORE 512KB FLA Manufacturers: NXP Semiconductors / Freescale RFQ

Related keywords for S912XEQ512F1MAL

NXP Semiconductors / Freescale	S912XEQ512F1MAL distributor	S912XEQ512F1MAL supplier	S912XEQ512F1MAL price
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