

S912XEQ512F1MAAR



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Part Number: [S912XEQ512F1MAAR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 512KB FLA

Data sheet:  [MC9S12XE Family Brief](#)
 [MC9S12XE Family Manual](#)

RoHs Status:

Ship From: Hong Kong

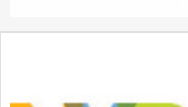
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PRODUCT PARAMETER				
Part Number	S912XEQ512F1MAAR	Manufacturer	NXP Semiconductors / Freescale	
Description	16-BIT MCU S12X CORE 512KB FLA	Lead Free Status / RoHS Status		
Quantity Available	7529 pcs	Data sheet	MC9S12XE Family Brief MC9S12XE Family Manual	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V	
Supplier Device Package	80-QFP (14x14)	Speed	50MHz	
Series	HCS12X	RAM Size	32K x 8	
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)	
Peripherals	LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)	
Package / Case	80-QFP	Other Names	935311486528	
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)	
Number of I/O	59	Moisture Sensitivity Level (MSL)	3 (168 Hours)	
Manufacturer Standard Lead Time	14 Weeks	EEPROM Size	4K x 8	
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 80-QFP (14x14)		Data Converters	A/D 8x12b
Core Size	16-Bit	Core Processor	HCS12X	
Connectivity	CANbus, EBI/EMI, I²C, IrDA, SCI, SPI			

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