

S912XEQ384F1CAG



Part Number: [S912XEQ384F1CAG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 384KB FLA

Data sheet:  [MC9S12XE Family Brief](#)

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER		
Part Number	S912XEQ384F1CAG	Manufacturer NXP Semiconductors / Freescale
Description	16-BIT MCU S12X CORE 384KB FLA	Lead Free Status / RoHS Status
Quantity Available	8964 pcs	Data sheet MC9S12XE Family Brief
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 24K x 8
Program Memory Type	FLASH	Program Memory Size 384KB (384K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging Tray
Package / Case	144-LQFP	Other Names 935315016557
Oscillator Type	External	Operating Temperature -40°C ~ 85°C (TA)
Number of I/O	119	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 384KB (384K 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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