

S912XEP100AVAG



Part Number: [S912XEP100AVAG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 1MB FLASH

Data sheet:

RoHs Status:

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	S912XEP100AVAG	Manufacturer	NXP Semiconductors / Freescale
Description	16-BIT MCU S12X CORE 1MB FLASH	Lead Free Status / RoHS Status	
Quantity Available	5176 pcs	Data sheet	
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	64K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935315259557
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	119	Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	4K x 8	Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 1MB (1M 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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