

S9S12XS256J0CAE



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Part Number: [S9S12XS256J0CAE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 256KB FLASH 64LQFP

Data sheet: [PDF S12XS Family Fact Sheet](#)
[PDF 840F-02 Pkg Drawing](#)
[PDF MC9S12XS256 Manual](#)
[PDF MC9S12XS Family Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S9S12XS256J0CAE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 256KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16028 pcs	Data sheet	S12XS Family Fact Sheet 840F-02 Pkg Drawing MC9S12XS256 Manual MC9S12XS Family Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	40MHz
Series	HCS12X	RAM Size	12K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	935311637557
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	44	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 40MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 8x12b
Core Size	16-Bit	Core Processor	HCS12X
Connectivity	CANbus, SCI, SPI	Base Part Number	S9S12XS256
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