

S912XHY256F0VLL

Part Number: [S912XHY256F0VLL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 256KB FLASH 100LQFP

Data sheet: [MC9S12XHY256 Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	S912XHY256F0VLL	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13250 pcs	Data sheet	MC9S12XHY256 Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	40MHz
Series	HCS12X	RAM Size	12K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	LCD, Motor control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935314501557
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	76	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	8K x 8
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 40MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 8x10b
Core Size	16-Bit	Core Processor	HCS12X
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI	Base Part Number	S912XHY256
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