

S9S12GA240F0VLH



Part Number: [S9S12GA240F0VLH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 240KB FLASH 64LQFP

Data sheet: [PDF 840F-02 Pkg Drawing](#)
[PDF S12G Family Fact Sheet](#)
[PDF MC9S12G Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

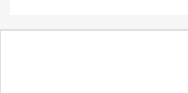
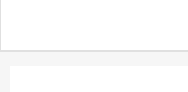
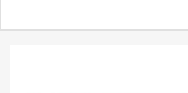
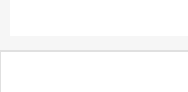
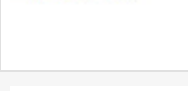
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PRODUCT PARAMETER			
Part Number	S9S12GA240F0VLH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 240KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18088 pcs	Data sheet	840F-02 Pkg Drawing S12G Family Fact Sheet MC9S12G Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	25MHz
Series	HCS12	RAM Size	11K x 8
Program Memory Type	FLASH	Program Memory Size	240KB (240K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	568-14135 935310988557 S9S12GA240F0VLH-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	12V1 HCS12 Microcontroller IC 16-Bit 25MHz 240KB (240K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, D/A 2x8b
Core Size	16-Bit	Core Processor	12V1
Connectivity	CANbus, IrDA, LINbus, SCI, SPI	Base Part Number	S9S12GA240
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	Part#: S9S12GA48F0MLFR Description: 16-BIT MCU S12 CORE 48KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA48AMLF Description: 12-BIT ADC SPE TST SCREE	Manufacturers: NXP Semiconductors / Freescale	RFQ
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