

S9S12GA240F0VLL



Part Number: [S9S12GA240F0VLL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 240KB FLASH 100LQFP

Data sheet:  [S12G Family Fact Sheet](#)
 [MC9S12G Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

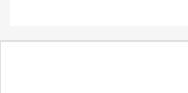
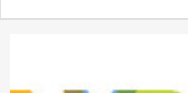
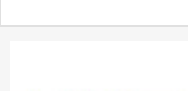
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PRODUCT PARAMETER			
Part Number	S9S12GA240F0VLL	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 240KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17872 pcs	Data sheet	S12G Family Fact Sheet MC9S12G Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	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	100-LQFP	Other Names	935321715557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	86	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 100-LQFP (14x14)	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#: S9S12GA64F0VLF Description: 16-BIT MCU S12 CORE 64KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA192F0MLHR Description: IC MCU 16BIT 192KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA240F0VLLR Description: 16-BIT MCU S12 CORE 240KB FLAS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA64AMLF Description: 64K FLASH 4K RAM	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA48F0MLFR Description: 16-BIT MCU S12 CORE 48KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA240F0MLH Description: IC MCU 16BIT 240KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S12GA64F0MLF Description: 16-BIT MCU S12 CORE 64KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA64F0MLFR Description: 16-BIT MCU S12 CORE 64KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA48AMLF Description: 12-BIT ADC SPE TST SCREE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA48AMLFR Description: 12-BIT ADC SPE TST SCREE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12GA240F0MLF Description: IC MCU 16BIT 240KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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