

S9S08MP16E2MLF



Part Number: [S9S08MP16E2MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 48LQFP

Data sheet:  [MC9S08MP16](#)

RoHs Status: Lead free / RoHS Compliant

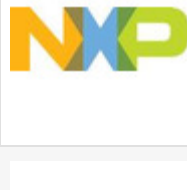
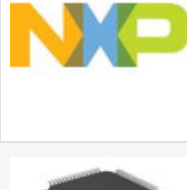
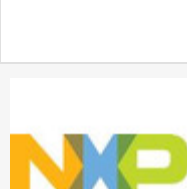
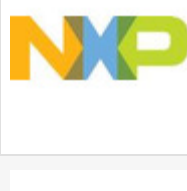
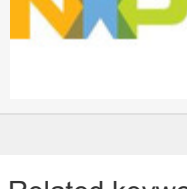
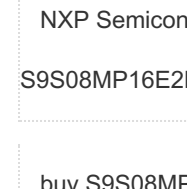
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PRODUCT PARAMETER			
Part Number	S9S08MP16E2MLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	34493 pcs	Data sheet	MC9S08MP16
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	40MHz
Series	S08	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-14154 935319511557 S9S08MP16E2MLF-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	S08 S08 Microcontroller IC 8-Bit 40MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 13x12b, D/A 3x5b
Core Size	8-Bit	Core Processor	S08
Connectivity	I ² C, LINbus, SCI, SPI	Base Part Number	S9S08MP16
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	Part#: S9S08QD2J1MSCR Description: 8-BIT MCU S08 CORE 2KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0VLH Description: IC MCU 8BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08MP16E2MLFR Description: 8-BIT MCU S08 CORE 16KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0CLKR Description: 8-BIT MCU S08 CORE 32KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD4J1CSC Description: 8-BIT MCU S08 CORE 4KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0VLK Description: IC MCU 8BIT 32KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD2J1MSC Description: 8-BIT MCU S08 CORE 2KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD2J1CSCR Description: 8-BIT MCU S08 CORE 2KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0VLF Description: IC MCU 8BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S08EL32F1VTLR Description: 8-BIT MCU S08 CORE 32KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD2J1VSCR Description: 8-BIT MCU S08 CORE 2KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD4J1MSCR Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG16J0CLH Description: IC MCU 8BIT 18KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD4J1CSCR Description: 8-BIT MCU S08 CORE 4KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG16J0VLF Description: 8-BIT MCU S08 CORE 18KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0CLH Description: 8-BIT MCU S08 CORE 32KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08EL32F1VTL Description: 8-BIT MCU S08 CORE 32KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08LG32J0CLK Description: IC MCU 8BIT 32KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S08QD4J1MSC Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ

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