

MC9S08PT16VLC



Part Number: [MC9S08PT16VLC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 32LQFP

Data sheet:  [MC9S08PT16 Mask Errata](#)
 [MC9S08PT16,8 Ref Manual](#)
 [MC9S08PT16,8 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

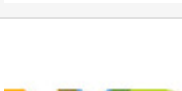
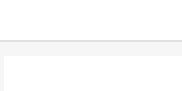
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PRODUCT PARAMETER			
Part Number	MC9S08PT16VLC	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77856 pcs	Data sheet	MC9S08PT16 Mask Errata MC9S08PT16,8 Ref Manual MC9S08PT16,8 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-LQFP (7x7)	Speed	20MHz
Series	S08	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	935317751557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	28	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	S08 S08 Microcontroller IC 8-Bit 20MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 12x12b
Core Size	8-Bit	Core Processor	S08
Connectivity	I ² C, LINbus, SPI, UART/USART	Base Part Number	MC9S08PT16
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	Part#: MC9S08PT16VTJ Description: S08PT 8-BIT MCU S08 CORE 16KB	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PL8CTG Description: MCU 8-BIT 8KB 20MHZ TSSOP16	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PT32AVLD Description: IC MCU 8BIT 32KB FLASH 44LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PL8CTJ Description: MCU 8-BIT 8KB 20MHZ TSSOP20	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PT16VLCR Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PL60CQH Description: MCU 8-BIT 60KB 20MHZ QFP64	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08PT32AVLC Description: IC MCU 8BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S08PT32AVQH Description: IC MCU 8BIT 32KB FLASH 64QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S08PT16VLD Description: S08PT 8-BIT MCU S08 CORE 16KB	Manufacturers: NXP Semiconductors / Freescale	RFQ
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