

MC9S08QE8CPG



Part Number: [MC9S08QE8CPG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 8KB FLASH 16DIP

Data sheet:  [MC9S08QE4,8 Fact Sheet](#)
 [MC9S08QE8 Datasheet](#)
 [MC9S08QE4,8 Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

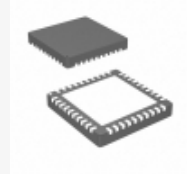
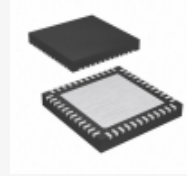
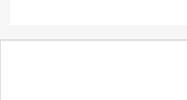
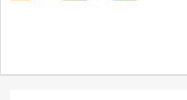
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PRODUCT PARAMETER			
Part Number	MC9S08QE8CPG	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 8KB FLASH 16DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	48244 pcs	Data sheet	MC9S08QE4,8 Fact Sheet MC9S08QE8 Datasheet MC9S08QE4,8 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	16-DIP	Speed	20MHz
Series	S08	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	LVD, PWM, WDT	Packaging	Tube
Package / Case	16-DIP (0.300", 7.62mm)	Other Names	935325212174
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	12	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	S08 S08 Microcontroller IC 8-Bit 20MHz 8KB (8K x 8) FLASH 16-DIP
Data Converters	A/D 8x12b	Core Size	8-Bit
Core Processor	S08	Connectivity	I ² C, LINbus, SCI, SPI
Base Part Number	MC9S08QE8		
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	Part#: MC9S08QG44CDNE Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08QE64CFT Description: IC MCU 8BIT 64KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08QE96CLH Description: IC MCU 8BIT 96KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08QE8CLC Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S08QE96CFT Description: IC MCU 8BIT 96KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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