

MC9S08PT32VLF



Part Number: [MC9S08PT32VLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB FLASH 48LQFP

Data sheet:  [MC9S08PT60\(A\) & MC9S08PT32\(A\) Ref Manual](#)
 [MC9S08PT60 Ref Manual](#)
 [MC9S08PT60 Mask Errata](#)

RoHs Status: Lead free / RoHS Compliant

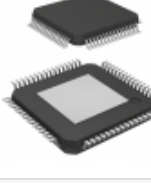
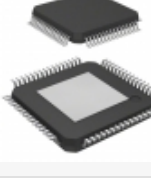
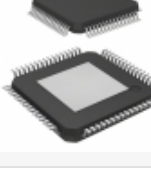
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PRODUCT PARAMETER			
Part Number	MC9S08PT32VLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38257 pcs	Data sheet	MC9S08PT60(A) & MC9S08PT32(A) Ref Manual MC9S08PT60 Ref Manual MC9S08PT60 Mask Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	20MHz
Series	S08	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935323281557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	41	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 32KB (32K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 16x12b
Core Size	8-Bit	Core Processor	S08
Connectivity	I ² C, LINbus, SPI, UART/USART	Base Part Number	MC9S08PT32
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