

MC9S08RE16FGE



Part Number: [MC9S08RE16FGE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 44LQFP

Data sheet:  [MC9S08RX16 Fact Sheet](#)
 [MC9S08R Series](#)

RoHs Status: Lead free / RoHS Compliant

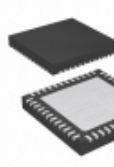
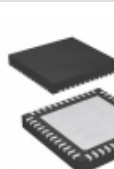
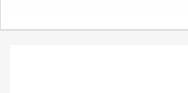
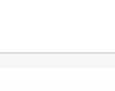
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PRODUCT PARAMETER			
Part Number	MC9S08RE16FGE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 44LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4035 pcs	Data sheet	MC9S08RX16 Fact Sheet MC9S08R Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	44-LQFP (10x10)	Speed	8MHz
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	44-LQFP	Oscillator Type	Internal
Operating Temperature	0°C ~ 70°C (TA)	Number of I/O	39
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 8MHz 16KB (16K x 8) FLASH 44-LQFP (10x10)
Data Converters	-	Core Size	8-Bit
Core Processor	S08	Connectivity	SCI
Base Part Number	MC9S08RE16		
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