

MC9S08AW16MFDE



Part Number: [MC9S08AW16MFDE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 48QFN

Data sheet:  [MC9S08AW60/48/32/16](#)

RoHs Status: Lead free / RoHS Compliant

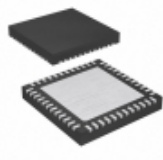
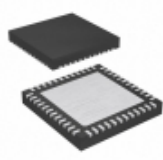
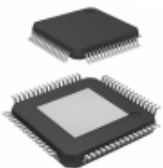
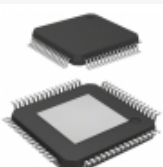
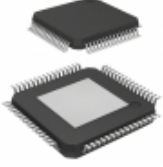
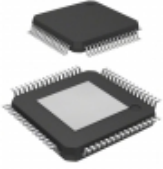
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PRODUCT PARAMETER			
Part Number	MC9S08AW16MFDE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22322 pcs	Data sheet	MC9S08AW60/48/32/16
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-QFN-EP (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-VFQFN Exposed Pad	Other Names	935309436557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	38	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-QFN-EP (7x7)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	S08
Connectivity	PC, SCI, SPI	Base Part Number	MC9S08AW16
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