

MC9S08DZ16CLF



Part Number: [MC9S08DZ16CLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 48LQFP

Data sheet:  [MC9S08DZ60,48,32,16](#)
 [MC9S08DZ60 Datasheet Addendum](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC9S08DZ16CLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4921 pcs	Data sheet	MC9S08DZ60,48,32,16 MC9S08DZ60 Datasheet Addendum
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (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-LQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°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	512 x 8	Detailed Description	S08 S08 Microcontroller IC 8-Bit 40MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 16x12b	Core Size	8-Bit
Core Processor	S08	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Base Part Number	MC9S08DZ16		
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