

NXP Semiconductors / Freescale

### MC9S08DZ16CLF

Part Number:	MC9S08DZ16CLF
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 8BIT 16KB FLASH 48LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	3855 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MC9S08DZ16CLF

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	3855 pcs
DATA SHEET	
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 <sup>2</sup> C, LINbus, SCI, SPI
BASE PART NUMBER	MC9S08DZ16

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	<p><b>MC9S08DZ32ACLH</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 32KB FLASH 64LQFP In stock: 5436 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ16MLF</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 48LQFP In stock: 4310 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MC9S08DZ16MLC</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 6336 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ16CLC</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 4544 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MC9S08DZ128MLH</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 128KB FLASH 64LQFP In stock: 9116 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ32ACLF</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 32KB FLASH 48LQFP In stock: 9604 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MC9S08DZ32AMLC</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 17637 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ128MLL</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 128KB FLASH 100LQFP In stock: 8052 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MC9S08DZ16ACLF</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 48LQFP In stock: 10228 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ16AMLF</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 48LQFP In stock: 17268 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MC9S08DZ32ACLC</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 10642 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MC9S08DZ16ACLC</b></p> <p>Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: 12843 pcs</p> <p><a href="#">RFQ</a></p>