

MC9S08AC16CFGER



Part Number: [MC9S08AC16CFGER](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 44LQFP

Data sheet:  [MC9S08AC16 Fact Sheet](#)
 [MC9S08AC\(8,16\), MC9S08AW\(8,16\)](#)
 [1N49A Mask Set Errata](#)
 [1N50A Mask Set Errata](#)

RoHs Status: Lead free / RoHS Compliant

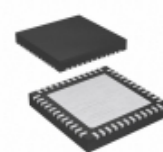
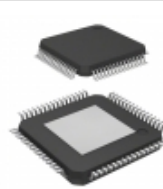
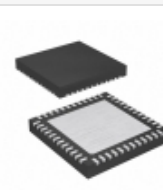
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PRODUCT PARAMETER			
Part Number	MC9S08AC16CFGER	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 44LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31037 pcs	Data sheet	MC9S08AC16 Fact Sheet MC9S08AC(8,16), MC9S08AW(8,16) 1N49A Mask Set Errata 1N50A Mask Set Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-LQFP (10x10)	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	Tape & Reel (TR)
Package / Case	44-LQFP	Other Names	935313901528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	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 44-LQFP (10x10)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	S08
Connectivity	IPC, SCI, SPI	Base Part Number	MC9S08AC16
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	Part#: MC9S08AC16MFJE Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC16MFDE Description: IC MCU 8BIT 16KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC128CFUE Description: IC MCU 8BIT 128KB FLASH 64QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC32CFGER Description: IC MCU 8BIT 32KB FLASH 44LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC16CFDE Description: IC MCU 8BIT 16KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC9S08AC16CBE Description: IC MCU 8BIT 16KB FLASH 42PSDIP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC128CLKE Description: IC MCU 8BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC128CFUER Description: S08AC 8-BIT MCU S08 CORE 128KB	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC32CFJE Description: IC MCU 8BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC128CFGER Description: S08AC 8-BIT MCU S08 CORE 128KB	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC32CFDE Description: IC MCU 8BIT 32KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC9S08AC128MFUE Description: IC MCU 8BIT 128KB FLASH 64QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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