

MC9S08RE16CFDER

MC9S08RE16CFDER Information



For Reference Only

Part Number MC9S08RE16CFDER

Manufacturer NXP

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 16KB FLASH 48QFN

Package 48-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MC9S08RE16CFDER Specifications

Manufacturer Part Number MC9508RE16CFDER Manufacturer NXP Category Integrated Circuits (ICs) Package 48-VFQFN Exposed Pad Scries S08 Core Processor S08 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-VFQFN Exposed Pad Series 508 Core Processor 508 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Manufacturer Part Number	MC9S08RE16CFDER
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Package 48-VFQFN Exposed Pad Series S08 Core Processor \$08 Core Size 8-Bit Speed 8MHz Connectivity \$CI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Category	Integrated Circuits (ICs)
Series S08 Core Processor S08 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)		Embedded - Microcontrollers
Core Processor \$0.8 Core Size \$8-Bit Speed \$8MHz Connectivity \$CI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Package	48-VFQFN Exposed Pad
Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Series	S08
Speed8MHzConnectivitySCIPeripheralsLVD, POR, PWM, WDTNumber of I/O39Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-VFQFN Exposed PadSupplier Device Package48-QFN-EP (7x7)	Core Processor	S08
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 48-VFQFN Exposed Pad Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 39 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 48-VFQFN Exposed Pad 48-QFN-EP (7x7)	Speed	8MHz
Number of I/O39Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-VFQFN Exposed PadSupplier Device Package48-QFN-EP (7x7)	Connectivity	SCI
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Peripherals	LVD, POR, PWM, WDT
Program Memory Type EEPROM Size RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package	Number of I/O	39
EEPROM Size - 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Coscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Program Memory Size	16KB (16K x 8)
RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	EEPROM Size	-
Data Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-VFQFN Exposed PadSupplier Device Package48-QFN-EP (7x7)	RAM Size	1K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Data Converters	-
Mounting Type - Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Oscillator Type	Internal
Package / Case 48-VFQFN Exposed Pad Supplier Device Package 48-QFN-EP (7x7)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 48-QFN-EP (7x7)	Mounting Type	-
	Package / Case	48-VFQFN Exposed Pad
Report errors?	Supplier Device Package	48-QFN-EP (7x7)
		Report errors?

MC9S08RE16CFDER Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

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Our experienced sales team and tech support team back our services to satisfy all our customers.

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MC9S08RE16CFDER Shipping Methods













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