

MC9S08RD8CDWE

MC9S08RD8CDWE Information



For Reference Only

Part Number MC9S08RD8CDWE

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

DescriptionIC MCU 8BIT 8KB FLASH 28SOIC**Package**28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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MC9S08RD8CDWE Specifications

| Manufacturer MC9S08RD8CDWE Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series S08 Core Processor S08 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC (0.295", 7.50mm Width) | * | |
|---|----------------------------|--------------------------------|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series 508 Core Processor 508 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Manufacturer Part Number | MC9S08RD8CDWE |
| Package 28-SOIC (0.295", 7.50mm Width) Series 508 Core Processor 508 Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Manufacturer | NXP |
| Package 28-SOIC (0.295", 7.50mm Width) Series S08 Core Processor 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Category | Integrated Circuits (ICs) |
| Series \$08 Core Processor \$08 Core Size \$-Bit Speed \$MHz Connectivity \$CI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size \$KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | | Embedded - Microcontrollers |
| Core Processor \$08 Core Size \$8-Bit Speed \$MHz Connectivity \$CI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size \$KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Package | 28-SOIC (0.295", 7.50mm Width) |
| Core Size 8-Bit Speed 8MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Series | S08 |
| Speed8MHzConnectivitySCIPeripheralsLVD, POR, PWM, WDTNumber of I/O23Program Memory Size8KB (8K 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 / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC | Core Processor | S08 |
| Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package | Core Size | 8-Bit |
| Peripherals Number of I/O 23 Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package | Speed | 8MHz |
| Number of I/O Program Memory Size 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package | Connectivity | SCI |
| Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package | Peripherals | LVD, POR, PWM, WDT |
| 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Number of I/O | 23 |
| EEPROM Size - KAM 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Program Memory Size | 8KB (8K 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 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) Data Converters Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package | EEPROM Size | - |
| Data Converters Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | RAM Size | 1K x 8 |
| Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Data Converters | - |
| Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Oscillator Type | Internal |
| Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package 28-SOIC | Mounting Type | - |
| | Package / Case | 28-SOIC (0.295", 7.50mm Width) |
| Report errors? | Supplier Device Package | 28-SOIC |
| | | Report errors? |

MC9S08RD8CDWE Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

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

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MC9S08RD8CDWE Shipping Methods













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