

# MCR908JK3CDWE

### MCR908JK3CDWE Information



For Reference Only

Part Number MCR908JK3CDWE

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description**IC MCU 8BIT 4KB FLASH 20SOIC**Package**20-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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# MCR908JK3CDWE Specifications

| Manufacturer Part NumberMCR908JK3CDWEManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-SOIC (0.295", 7.50mm Width)SeriesHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-PeripheralsLED, LVD, POR, PWMNumber of I/O15Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.3 V  | •                          |  |
|---|----------------------------|--|
| Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         20-SOIC (0.295", 7.50mm Width)           Series         HC08           Core Processor         HC08           Core Size         8-Bit           Speed         8MHz           Connectivity         -           Peripherals         LED, LVD, POR, PWM           Number of I/O         15           Program Memory Size         4KB (4K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         128 x 8 | Manufacturer Part Number   | MCR908JK3CDWE  |
| Embedded - Microcontrollers  Package 20-SOIC (0.295", 7.50mm Width)  Series HC08  Core Processor HC08  Core Size 8-Bit  Speed 8MHz  Connectivity -  Peripherals LED, LVD, POR, PWM  Number of I/O 15  Program Memory Size 4KB (4K x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 128 x 8  | Manufacturer               | NXP  |
| Package 20-SOIC (0.295", 7.50mm Width)  Series HC08  Core Processor HC08  Core Size 8-Bit  Speed 8MHz  Connectivity -  Peripherals LED, LVD, POR, PWM  Number of I/O 15  Program Memory Size 4KB (4K x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 128 x 8   | Category                   | Integrated Circuits (ICs)                                  |
| Series         HC08           Core Processor         HC08           Core Size         8-Bit           Speed         8MHz           Connectivity         -           Peripherals         LED, LVD, POR, PWM           Number of I/O         15           Program Memory Size         4KB (4K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         128 x 8   |                            | Embedded - Microcontrollers                                |
| Core Processor Core Size 8-Bit  Speed 8MHz Connectivity - Peripherals LED, LVD, POR, PWM Number of I/O 15 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8   | Package                    | 20-SOIC (0.295", 7.50mm Width)                             |
| Core Size 8-Bit  Speed 8MHz  Connectivity - Peripherals LED, LVD, POR, PWM  Number of I/O 15  Program Memory Size 4KB (4K x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 128 x 8  | Series                     | HC08   |
| Speed8MHzConnectivity-PeripheralsLED, LVD, POR, PWMNumber of I/O15Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8  | Core Processor             | HC08   |
| Connectivity - Peripherals LED, LVD, POR, PWM Number of I/O 15 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8  | Core Size                  | 8-Bit  |
| Peripherals  LED, LVD, POR, PWM  Number of I/O  15  Program Memory Size  4KB (4K x 8)  Program Memory Type  FLASH  EEPROM Size  -  RAM Size  128 x 8  | Speed                      | 8MHz   |
| Number of I/O 15 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8  | Connectivity               | -  |
| Program Memory Size 4KB (4K x 8) Program Memory Type FLASH  EEPROM Size -  RAM Size 128 x 8   | Peripherals                | LED, LVD, POR, PWM   |
| Program Memory Type FLASH  EEPROM Size -  RAM Size 128 x 8  | Number of I/O              | 15   |
| EEPROM Size - RAM Size 128 x 8  | Program Memory Size        | 4KB (4K x 8)   |
| RAM Size 128 x 8  | Program Memory Type        | FLASH  |
|   | EEPROM Size                | -  |
| Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 3.3 \text{ V}$   | RAM Size                   | 128 x 8  |
|   | Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.3 V  |
| Data Converters A/D 12x8b   | Data Converters            | A/D 12x8b  |
| Oscillator Type External  | Oscillator Type            | External   |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$  | Operating Temperature      | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ |
| Mounting Type -   | Mounting Type              | -  |
| Package / Case 20-SOIC (0.295", 7.50mm Width)   | Package / Case             | 20-SOIC (0.295", 7.50mm Width)                             |
| Supplier Device Package 20-SOIC   | Supplier Device Package    | 20-SOIC  |
| Report errors?  |                            | Report errors?   |

### MCR908JK3CDWE 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.

## MCR908JK3CDWE Payment Methods



















# MCR908JK3CDWE Shipping Methods













If you have any question about MCR908JK3CDWE, please do not hesitate to contact us!

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