



MC908QC8VDRE

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC908QC8VDRE                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                     |
| Product description | IC MCU 8BIT 8KB FLASH 28TSSOP                                                                                      |
| Datasheets:         |  <a href="#">MC908QC8VDRE.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MC908QC8VDRE

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC908QC8VDRE                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 28TSSOP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">MC908QC8VDRE.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-TSSOP                                                                                                             |
| SPEED                            | 8MHz                                                                                                                 |
| SERIES                           | HC08                                                                                                                 |
| RAM SIZE                         | 384 x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                         |
| PERIPHERALS                      | LVD, POR, PWM                                                                                                        |
| PACKAGING                        | Tube                                                                                                                 |
| PACKAGE / CASE                   | 28-TSSOP (0.173", 4.40mm Width)                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 24                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | -                                                                                                                    |
| DETAILED DESCRIPTION             | HC08 HC08 Microcontroller IC 8-Bit 8MHz 8KB (8K x 8) FLASH 28-TSSOP                                                  |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | HC08                                                                                                                 |
| CONNECTIVITY                     | SCI, SPI                                                                                                             |
| BASE PART NUMBER                 | MC908QC8                                                                                                             |

Related Tags

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| NXP Semiconductors / Freescale MC908QC8VDRE | NXP Semiconductors MC908QC8VDRE         | Freescale MC908QC8VDRE                          |
| Freescale Semiconductor - NXP MC908QC8VDRE  | NXP USA Inc. MC908QC8VDRE               |                                                 |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC908QF4CFJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MC908QC8CDYE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC908QC8MDRE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC908QL3CDWE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 6KB FLASH 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC908QC8CDZER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC908QL3VDTE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 6KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC908QL3MDTE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 6KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC908QC8CDZE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC908QF4FJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MC908QC8VDSE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC908QC8MDSE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC908QC8CDXER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |