



Image may be representation. See specifications for product details.

### MC68HC908QY4VDT

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC68HC908QY4VDT                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MCU 8BIT 4KB FLASH 16TSSOP                                                                                         |
| Datasheets:         |  <a href="#">MC68HC908QY4VDT.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant  |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

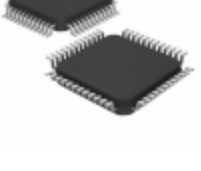
#### Specifications of MC68HC908QY4VDT

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC68HC908QY4VDT                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 16TSSOP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| DATA SHEET                       |  <a href="#">MC68HC908QY4VDT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP                                                                                                                |
| SPEED                            | 8MHz                                                                                                                    |
| SERIES                           | HC08                                                                                                                    |
| RAM SIZE                         | 128 x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                            |
| PERIPHERALS                      | LVD, POR, PWM                                                                                                           |
| PACKAGING                        | Tube                                                                                                                    |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width)                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 13                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | HC08 HC08 Microcontroller IC 8-Bit 8MHz 4KB (4K x 8) FLASH 16-TSSOP                                                     |
| DATA CONVERTERS                  | A/D 4x8b                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | HC08                                                                                                                    |
| CONNECTIVITY                     | -                                                                                                                       |
| BASE PART NUMBER                 | MC68HC908                                                                                                               |

#### Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MC68HC908QY4VDT | MC68HC908QY4VDT Distributor             | MC68HC908QY4VDT Supplier                           |
| MC68HC908QY4VDT Price                          | MC68HC908QY4VDT Pictures                | MC68HC908QY4VDT Image                              |
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| Freescale Semiconductor - NXP MC68HC908QY4VDT  | NXP USA Inc. MC68HC908QY4VDT            |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC68HC908QY4MPE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16DIP<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>MC68HC908QY4CPE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16DIP<br/>In stock: Out stock</div> <div>RFQ</div>    |
|  <div><b>MC68HC908QY4VDTE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16TSSOP<br/>In stock: 159 pcs</div> <div>RFQ</div>  |  <div><b>MC68HC908QY4MDTE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MC68HC908QY4MDT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>MC68HC908QY4VPE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16DIP<br/>In stock: Out stock</div> <div>RFQ</div>    |
|  <div><b>MC68HC908RF2MFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 2KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MC68HC908SR12CB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 42PSDIP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MC68HC908QY4CDW</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16SOIC<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MC68HC908QY4CP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16DIP<br/>In stock: Out stock</div> <div>RFQ</div>     |
|  <div><b>MC68HC908RF2CFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 2KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MC68HC908SR12CFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |