

MC908QY4ACDWER



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Part Number: MC908QY4ACDWER

Manufacturer: NXP Semiconductors / Freescale

Description: IC MCU 8BIT 4KB FLASH 16SOIC

Data sheet:  MC68HC908QT,QY4A,2A,1A

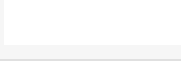
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |                                  |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MC908QY4ACDWER                                                     | Manufacturer                     | NXP Semiconductors / Freescale |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 4KB FLASH 16SOIC                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 42043 pcs                                                          | Data sheet                       | MC68HC908QT,QY4A,2A,1A         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)                                          | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 16-SOIC                                                            | 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                        | Tape & Reel (TR)               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-SOIC (0.295", 7.50mm Width)                                     | Other Names                      | 935313544518                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                           | Operating Temperature            | -40°C ~ 85°C (TA)              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                             | 13                                                                 | 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 4KB (4K x 8) FLASH 16-SOIC | Data Converters                  | A/D 6x10b                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                              | Core Processor                   | HC08                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                  | Base Part Number                 | MC908QY4                       |
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|  | Part#: MC908QY4ACDWE<br>Description: IC MCU 8BIT 4KB FLASH 16SOIC    | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC908QY2ACPE<br>Description: IC MCU 8BIT 1.5KB FLASH 16DIP    | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC908QY2AMDWER<br>Description: IC MCU 8BIT 1.5KB FLASH 16SOIC | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC908QY2AMDTE<br>Description: IC MCU 8BIT 1.5KB FLASH 16TSSOP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC908QY4ACDTER<br>Description: IC MCU 8BIT 4KB FLASH 16TSSOP  | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC908QY2AMPE<br>Description: IC MCU 8BIT 1.5KB FLASH 16DIP    | Manufacturers: NXP Semiconductors / Freescale | RFQ |
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| Related keywords for MC908QY4ACDWER |                                   |                                   |                             |
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