

MC908GZ32VFUE



Part Number: [MC908GZ32VFUE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB FLASH 64QFP

Data sheet:  [MC68HC908GZ60/48/32](#)

RoHs Status: Lead free / RoHS Compliant

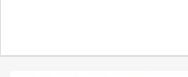
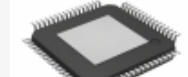
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | MC908GZ32VFUE                             | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 32KB FLASH 64QFP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 4955 pcs                                  | Data sheet                     | <a href="#">MC68HC908GZ60/48/32</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-QFP (14x14)                            | Speed                          | 8MHz                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | HC08                                      | RAM Size                       | 1.5K x 8                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 32KB (32K x 8)                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                             | LVD, POR, PWM                             | Packaging                      | Tray                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 64-QFP                                    | Oscillator Type                | Internal                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 105°C (TA)                        | Number of I/O                  | 53                                                                          |
| 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 32KB (32K x 8) FLASH 64-QFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 24x10b                                | Core Size                      | 8-Bit                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                          | HC08                                      | Connectivity                   | CANbus, SCI, SPI                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | MC908GZ32                                 |                                |                                                                             |
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|  | Part#: <a href="#">MC908GZ32VFAER</a><br>Description: IC MCU 8BIT 32KB FLASH 48LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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