

MC908GZ60MFAE



Part Number: [MC908GZ60MFAE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 60KB FLASH 48LQFP

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

RoHs Status: Lead free / RoHS Compliant

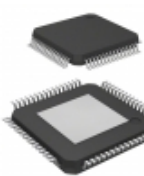
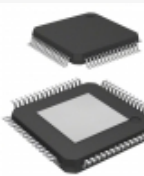
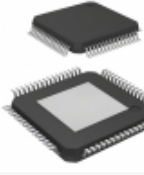
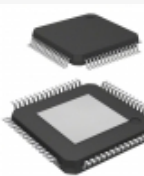
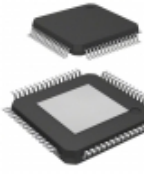
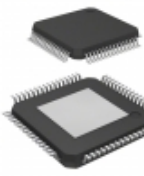
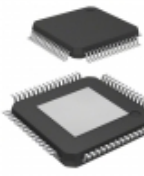
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MC908GZ60MFAE                                                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 60KB FLASH 48LQFP                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8340 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 48-LQFP (7x7)                                                              | Speed                            | 8MHz                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | HC08                                                                       | RAM Size                         | 2K x 8                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                      | Program Memory Size              | 60KB (60K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LVD, POR, PWM                                                              | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48-LQFP                                                                    | Other Names                      | 935312603557                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                                   | Operating Temperature            | -40°C ~ 125°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 37                                                                         | 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 60KB (60K x 8) FLASH 48-LQFP (7x7) | Data Converters                  | A/D 24x10b                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                      | Core Processor                   | HC08                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CANbus, SCI, SPI                                                           | Base Part Number                 | MC908GZ60                                      |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MC908GZ60VFUE</a><br>Description: IC MCU 8BIT 60KB FLASH 64QFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC908JB16DWE</a><br>Description: IC MCU 8BIT 16KB FLASH 28SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC908JB12DWE</a><br>Description: IC MCU 8BIT 12KB FLASH 28SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC908JB16JDWE</a><br>Description: IC MCU 8BIT 16KB FLASH 20SOIC   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC908GZ48VFUE</a><br>Description: IC MCU 8BIT 48KB FLASH 64QFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC908JB12JDWE</a><br>Description: IC MCU 8BIT 12KB FLASH 20SOIC   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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