

MC9S08QG4MPAE



Part Number: [MC9S08QG4MPAE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 4KB FLASH 8DIP

Data sheet:  [MC9S08QG8, QG4](#)

RoHs Status: Lead free / RoHS Compliant

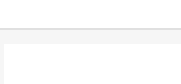
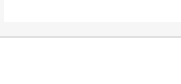
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                  |                                  |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC9S08QG4MPAE                                                    | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 4KB FLASH 8DIP                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 35550 pcs                                                        | Data sheet                       | <a href="#">MC9S08QG8_QG4</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-PDIP                                                           | Speed                            | 20MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S08                                                              | RAM Size                         | 256 x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                            | Program Memory Size              | 4KB (4K x 8)                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LVD, POR, PWM, WDT                                               | Packaging                        | Tube                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-DIP (0.300", 7.62mm)                                           | Other Names                      | 935321062174                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                         | Operating Temperature            | -40°C ~ 125°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                       | EEPROM Size                      | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S08 S08 Microcontroller IC 8-Bit 20MHz 4KB (4K x 8) FLASH 8-PDIP | Data Converters                  | A/D 4x10b                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                            | Core Processor                   | S08                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I <sup>2</sup> C, SCI, SPI                                       | Base Part Number                 | MC9S08QG4                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 35550 pieces of NXP Semiconductors / Freescale MC9S08QG4MPAE in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                  |                                  |                                                |

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|  | Part#: <a href="#">MC9S08QG84CDTER</a><br>Description: IC MCU 8BIT 8KB FLASH 16TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08QG4MDTE</a><br>Description: S08QG 8-BIT MCU S08 CORE 4KB F  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08QG84CDNER</a><br>Description: IC MCU 8BIT 8KB FLASH 8SOIC   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08QG84CFKE</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08QG4CDNER</a><br>Description: S08QG 8-BIT MCU S08 CORE 4KB F | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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