

MC9S08AW60CFUER



Part Number: [MC9S08AW60CFUER](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 60KB FLASH 64QFP

Data sheet:  [MC9S08AW60/48/32/16](#)

RoHs Status: Lead free / RoHS Compliant

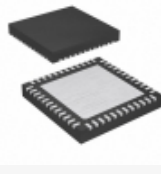
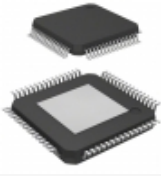
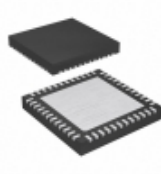
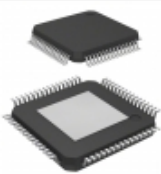
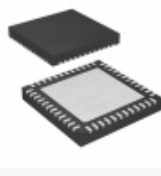
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |                                  |                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MC9S08AW60CFUER                                                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 60KB FLASH 64QFP                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14084 pcs                                                                  | Data sheet                       | <a href="#">MC9S08AW60/48/32/16</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 64-QFP (14x14)                                                             | Speed                            | 40MHz                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S08                                                                        | RAM Size                         | 2K x 8                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                      | Program Memory Size              | 60KB (60K x 8)                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LVD, POR, PWM, WDT                                                         | Packaging                        | Tape & Reel (TR)                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 64-QFP                                                                     | Other Names                      | 935316647528<br>MC9S08AW60CFUER-ND<br>MC9S08AW60CFUERTR |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 54                                                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                 | EEPROM Size                      | -                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S08 S08 Microcontroller IC 8-Bit 40MHz 60KB (60K x 8) FLASH 64-QFP (14x14) | Data Converters                  | A/D 16x10b                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                      | Core Processor                   | S08                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I <sup>2</sup> C, SCI, SPI                                                 | Base Part Number                 | MC9S08AW60                                              |
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|  | Part#: <a href="#">MC9S08AW48CFUE</a><br>Description: IC MCU 8BIT 48KB FLASH 64QFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08AW60MFUE</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="#">MC9S08AW60MFDE</a><br>Description: IC MCU 8BIT 60KB FLASH 48QFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08AW60CPUE</a><br>Description: IC MCU 8BIT 60KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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