

S9S08QD4J1MSC



Part Number: [S9S08QD4J1MSC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 4KB FLASH 8SOIC

Data sheet:  [MC9S08QD4 Fact Sheet](#)  
 [MC9S08QD2, 4](#)

RoHs Status: Lead free / RoHS Compliant

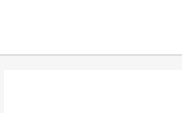
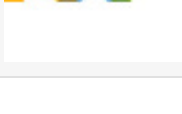
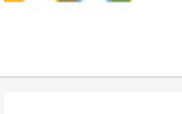
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S9S08QD4J1MSC                             | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 4KB FLASH 8SOIC               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 70182 pcs                                 | Data sheet                       | <a href="#">MC9S08QD4 Fact Sheet</a><br><a href="#">MC9S08QD2, 4</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-SOIC                                    | Speed                            | 16MHz                                                                |
| 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-SOIC (0.154", 3.90mm Width)             | Other Names                      | 935324864574                                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description             | S08 S08 Microcontroller IC 8-Bit 16MHz 4KB (4K x 8) FLASH 8-SOIC     |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 4x10b                                 | Core Size                        | 8-Bit                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | S08                                       | Connectivity                     | -                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S9S08QD4                                  |                                  |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">S9S08LG32J0VLK</a><br>Description: IC MCU 8BIT 32KB FLASH 80LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J2MSCR</a><br>Description: IC MCU 8BIT 4KB FLASH 8SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J1VSC</a><br>Description: 8-BIT MCU S08 CORE 4KB FLASH    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J1MSCR</a><br>Description: IC MCU 8BIT 4KB FLASH 8SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08RN16W2MLF</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08RN16W2MTG</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD2J1VSCR</a><br>Description: 8-BIT MCU S08 CORE 2KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08RN16W2MTJ</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J1CSCR</a><br>Description: 8-BIT MCU S08 CORE 4KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08MP16E2MLF</a><br>Description: IC MCU 8BIT 16KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08RN16W2MLFR</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD2J1CSCR</a><br>Description: 8-BIT MCU S08 CORE 2KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J2MSC</a><br>Description: 8-BIT MCU S08 CORE 4KB FLASH    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S9S08QD2J1MSCR</a><br>Description: 8-BIT MCU S08 CORE 2KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD4J1CSC</a><br>Description: 8-BIT MCU S08 CORE 4KB FLASH    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08QD2J1CSC</a><br>Description: 8-BIT MCU S08 CORE 2KB FLASH    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S9S08QD4J1VSCR</a><br>Description: 8-BIT MCU S08 CORE 4KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08RN16W2MLC</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

| Related keywords for S9S08QD4J1MSC           |                                  |                         |                                             |
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