

S9S08DV60F2MLF



Part Number: [S9S08DV60F2MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 60KB FLASH 48LQFP

Data sheet:  [MC9S08DVxx](#)

RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                           |                                  |                                                |
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| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S9S08DV60F2MLF                                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19812 pcs                                                                 | Data sheet                       | <a href="#">MC9S08DVxx</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 48-LQFP (7x7)                                                             | Speed                            | 40MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S08                                                                       | RAM Size                         | 3K x 8                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                     | Program Memory Size              | 60KB (60K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LVD, POR, PWM, WDT                                                        | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 48-LQFP                                                                   | Other Names                      | 935310981557                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                  | Operating Temperature            | -40°C ~ 125°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 39                                                                        | 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 48-LQFP (7x7) | Data Converters                  | A/D 16x12b                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                     | Core Processor                   | S08                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CANbus, I <sup>2</sup> C, LINbus, SCI, SPI                                |                                  |                                                |
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|  | Part#: <a href="#">S9S08DZ128F2MLF</a><br>Description: IC MCU 8BIT 128KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S9S08DV16F2MLCR</a><br>Description: IC MCU 8BIT 16KB FLASH 32LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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