

MC9S08DV60AMLH



Part Number: [MC9S08DV60AMLH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 60KB FLASH 64LQFP

Data sheet:  [840F-02 Pkg Drawing](#)  
 [MC9S08DV60 Datasheet Addendum](#)  
 [MC9S08DV60,48,32,16](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC9S08DV60AMLH                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 60KB FLASH 64LQFP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5571 pcs                                  | Data sheet                     | <a href="#">840F-02 Pkg Drawing</a><br><a href="#">MC9S08DV60 Datasheet Addendum</a><br><a href="#">MC9S08DV60,48,32,16</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-LQFP (10x10)                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 64-LQFP                                   | Oscillator Type                | External                                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                        | Number of I/O                  | 53                                                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 (1 Year)                                | 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-LQFP (10x10)                                                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 16x12b                                | Core Size                      | 8-Bit                                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | S08                                       | Connectivity                   | CANbus, I <sup>2</sup> C, LINbus, SCI, SPI                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC9S08DV60                                |                                |                                                                                                                             |
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|  | Part#: <a href="#">MC9S08DV60CLH</a><br>Description: IC MCU 8BIT 60KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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