

MC9S08LG16CLF



Part Number: [MC9S08LG16CLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 18KB FLASH 48LQFP

Data sheet:  [MC9S08LG32,16 Series](#)

RoHs Status: Lead free / RoHS Compliant

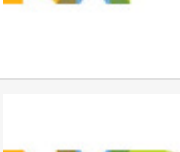
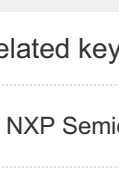
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MC9S08LG16CLF with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                           |                                  |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC9S08LG16CLF                                                             | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 18KB FLASH 48LQFP                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36715 pcs                                                                 | Data sheet                       | <a href="#">MC9S08LG32,16 Series</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                         | 1.9K x 8                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                     | Program Memory Size              | 18KB (18K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LCD, LVD, PWM                                                             | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 48-LQFP                                                                   | Other Names                      | 935325468557                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                                  | Operating Temperature            | -40°C ~ 85°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 18KB (18K x 8) FLASH 48-LQFP (7x7) | Data Converters                  | A/D 9x12b                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                     | Core Processor                   | S08                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I <sup>2</sup> C, SCI, SPI                                                | Base Part Number                 | MC9S08LG16                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 36715 pieces of NXP Semiconductors / Freescale MC9S08LG16CLF 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> |                                                                           |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC9S08JS8CFK</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LG32CLH</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LG16CLH</a><br>Description: IC MCU 8BIT 18KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08JS8CWJ</a><br>Description: IC MCU 8BIT 8KB FLASH 20SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LG32CLF</a><br>Description: IC MCU 8BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LH36CLK</a><br>Description: IC MCU 8BIT 36KB FLASH 80LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LC36LK</a><br>Description: IC MCU 8BIT 36KB FLASH 80LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08JS8LCWJ</a><br>Description: IC MCU 8BIT 8KB FLASH 20SOIC   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LG32CLK</a><br>Description: IC MCU 8BIT 32KB FLASH 80LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08JS16LCWJ</a><br>Description: IC MCU 8BIT 16KB FLASH 20SOIC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LC60LK</a><br>Description: IC MCU 8BIT 60KB FLASH 80LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LH64CLK</a><br>Description: IC MCU 8BIT 64KB FLASH 80LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LH64CLH</a><br>Description: IC MCU 8BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LL16CGT</a><br>Description: IC MCU 8BIT 16KB FLASH 48QFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LC36LH</a><br>Description: IC MCU 8BIT 36KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08JS16LCFK</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LC60LH</a><br>Description: IC MCU 8BIT 60KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LL16CGTR</a><br>Description: S08LL 8-BIT MCU S08 CORE 16KB | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08JS8LCFK</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08LH36CLH</a><br>Description: IC MCU 8BIT 36KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

| Related keywords for MC9S08LG16CLF           |                                  |                         |                                             |
|----------------------------------------------|----------------------------------|-------------------------|---------------------------------------------|
| NXP Semiconductors / Freescale MC9S08LG16CLF | MC9S08LG16CLF distributor        | MC9S08LG16CLF supplier  | MC9S08LG16CLF price                         |
| MC9S08LG16CLF download datasheet             | MC9S08LG16CLF datasheet          | MC9S08LG16CLF stock     | buy MC9S08LG16CLF                           |
| NXP Semiconductors / Freescale MC9S08LG16CLF | NXP Semiconductors MC9S08LG16CLF | Freescale MC9S08LG16CLF | Freescale Semiconductor - NXP MC9S08LG16CLF |
| NXP USA Inc. MC9S08LG16CLF                   |                                  |                         |                                             |