

MC68HC908LJ24CPK



Part Number: [MC68HC908LJ24CPK](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 24KB FLASH 80LQFP

Data sheet:  [MC68HC908LJ24,LK24](#)

RoHs Status: Contains lead / RoHS non-compliant

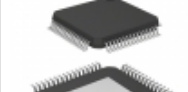
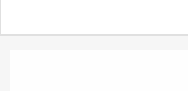
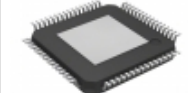
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MC68HC908LJ24CPK                          | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 24KB FLASH 80LQFP             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4483 pcs                                  | Data sheet                     | <a href="#">MC68HC908LJ24,LK24</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 80-LQFP (12x12)                           | Speed                          | 8MHz                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | HC08                                      | RAM Size                       | 768 x 8                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size            | 24KB (24K x 8)                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LCD, LVD, POR, PWM                        | Packaging                      | Tray                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80-LQFP                                   | Oscillator Type                | Internal                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                         | Number of I/O                  | 48                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2 (1 Year)                                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description           | HC08 HC08 Microcontroller IC 8-Bit 8MHz 24KB (24K x 8) FLASH 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 6x10b                                 | Core Size                      | 8-Bit                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | HC08                                      | Connectivity                   | PC, IRSCI, SPI                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MC68HC908                                 |                                |                                                                              |
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|  | Part#: <a href="#">MC68HC908LV8CPBE</a><br>Description: IC MCU 8BIT 8KB FLASH 52LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">MC68HC908LK24CPB</a><br>Description: IC MCU 8BIT 24KB FLASH 64LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">MC68HC908LJ24CFQ</a><br>Description: IC MCU 8BIT 24KB FLASH 80QFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |

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