

MC68HC908JL8CP



Part Number: [MC68HC908JL8CP](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 8KB FLASH 28DIP

Data sheet:  [MC68HC908Jx8/KL8, MC68HC08Jx8](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC68HC908JL8CP                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 8KB FLASH 28DIP               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5507 pcs                                  | Data sheet                     | <a href="#">MC68HC908Jx8/KL8, MC68HC08Jx8</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28-PDIP                                   | Speed                          | 8MHz                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HC08                                      | RAM Size                       | 256 x 8                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 8KB (8K x 8)                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LED, LVD, POR, PWM                        | Packaging                      | Tube                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28-DIP (0.600", 15.24mm)                  | Oscillator Type                | Internal                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 23                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                 |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description           | HC08 HC08 Microcontroller IC 8-Bit 8MHz 8KB (8K x 8) FLASH 28-PDIP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 13x8b                                 | Core Size                      | 8-Bit                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HC08                                      | Connectivity                   | SCI                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC68HC908                                 |                                |                                                                    |
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|  | Part#: <a href="#">MC68HC908JK8CDW</a><br>Description: IC MCU 8BIT 8KB FLASH 20SOIC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC68HC908JL3ECP</a><br>Description: IC MCU 8BIT 4KB FLASH 28DIP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68HC908JL3ECDW</a><br>Description: IC MCU 8BIT 4KB FLASH 28SOIC | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC68HC908JL3CDW</a><br>Description: IC MCU 8BIT 4KB FLASH 28SOIC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68HC908JL8MFAE</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68HC908KX2CDW</a><br>Description: IC MCU 8BIT 2KB FLASH 16SOIC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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