



Image may be representation. See specifications for product details.

MC68HC908AP8CB

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC68HC908AP8CB                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 8BIT 8KB FLASH 42PSDIP                                                                                        |
| Datasheets:         |  <a href="#">MC68HC908AP8CB.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MC68HC908AP8CB

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC68HC908AP8CB                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 42PSDIP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| DATA SHEET                       |  <a href="#">MC68HC908AP8CB.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 42-PSDIP                                                                                                               |
| SPEED                            | 8MHz                                                                                                                   |
| SERIES                           | HC08                                                                                                                   |
| RAM SIZE                         | 1K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                           |
| PERIPHERALS                      | LED, LVD, POR, PWM                                                                                                     |
| PACKAGING                        | Tube                                                                                                                   |
| PACKAGE / CASE                   | 42-SDIP (0.600", 15.24mm)                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 32                                                                                                                     |
| 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 42-PSDIP                                                    |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | HC08                                                                                                                   |
| CONNECTIVITY                     | I <sup>2</sup> C, IRSCI, SCI, SPI                                                                                      |
| BASE PART NUMBER                 | MC68HC908                                                                                                              |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale MC68HC908AP8CB | MC68HC908AP8CB Distributor              | MC68HC908AP8CB Supplier                           |
| MC68HC908AP8CB Price                          | MC68HC908AP8CB Pictures                 | MC68HC908AP8CB Image                              |
| MC68HC908AP8CB PDF Datasheet                  | MC68HC908AP8CB Download Datasheet       | MC68HC908AP8CB Datasheet                          |
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| NXP Semiconductors / Freescale MC68HC908AP8CB | NXP Semiconductors MC68HC908AP8CB       | Freescale MC68HC908AP8CB                          |
| Freescale Semiconductor - NXP MC68HC908AP8CB  | NXP USA Inc. MC68HC908AP8CB             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC68HC908AP32CB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 42PSDIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC68HC908AP64CB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 64KB FLASH 42PSDIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC68HC908BD48IB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 42PSDIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC68HC908BD48IFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC68HC908AP16CFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC68HC908EY16VFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC68HC908AP16CB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 42PSDIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC68HC908AP8CFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MC68HC908AP64CFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC68HC908EY16MFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC68HC908EY16CFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC68HC908AP32CFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |