

NXP Semiconductors / Freescale

MC908QC8CDYE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC908QC8CDYE                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 8KB FLASH 20SOIC                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6456 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC908QC8CDYE

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| PART NUMBER                      | MC908QC8CDYE                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                     |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20SOIC                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                         |
| QUANTITY AVAILABLE               | 6456 pcs                                                           |
| DATA SHEET                       |                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                        |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                            |
| SPEED                            | 8MHz                                                               |
| SERIES                           | HC08                                                               |
| RAM SIZE                         | 384 x 8                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                              |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                       |
| PERIPHERALS                      | LVD, POR, PWM                                                      |
| PACKAGING                        | Tube                                                               |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                     |
| OSCILLATOR TYPE                  | Internal                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                  |
| NUMBER OF I/O                    | 16                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                         |
| EEPROM SIZE                      | -                                                                  |
| DETAILED DESCRIPTION             | HC08 HC08 Microcontroller IC 8-Bit 8MHz 8KB (8K x 8) FLASH 20-SOIC |
| DATA CONVERTERS                  | A/D 10x10b                                                         |
| CORE SIZE                        | 8-Bit                                                              |
| CORE PROCESSOR                   | HC08                                                               |
| CONNECTIVITY                     | SCI, SPI                                                           |
| BASE PART NUMBER                 | MC908QC8                                                           |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MC908QC8CDYE               | MC908QC8CDYE Distributor        | MC908QC8CDYE Supplier  |
| MC908QC8CDYE Price         | MC908QC8CDYE Pictures           | MC908QC8CDYE Image     |
| MC908QC8CDYE PDF Datasheet | MC908QC8CDYE Download Datasheet | MC908QC8CDYE Datasheet |
| MC908QC8CDYE Stock         | Buy MC908QC8CDYE                | Buy MC908QC8CDYE       |
| MC908QC8CDYE               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                             |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC908QC16VDSE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 20TSSOP<br>In stock: 6946 pcs<br><b>RFQ</b> |  | <b>MC908QC8CDZE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: 3520 pcs<br><b>RFQ</b>  |
|  | <b>MC908QC8CDXER</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br>In stock: 4438 pcs<br><b>RFQ</b>   |  | <b>MC908QC8VDRE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br>In stock: 3663 pcs<br><b>RFQ</b> |
|  | <b>MC908QC8MDSE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>In stock: 6324 pcs<br><b>RFQ</b>   |  | <b>MC908QC8CDZER</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: 6394 pcs<br><b>RFQ</b> |
|  | <b>MC908QC8CDXE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br>In stock: 7050 pcs<br><b>RFQ</b>    |  | <b>MC908QC8CDRE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br>In stock: 6512 pcs<br><b>RFQ</b> |
|  | <b>MC908QC8CDSE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>In stock: 6776 pcs<br><b>RFQ</b>   |  | <b>MC908QC8MDRE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br>In stock: 4530 pcs<br><b>RFQ</b> |
|  | <b>MC908QC8VDSE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>In stock: 6347 pcs<br><b>RFQ</b>   |  | <b>MC908QC8CDTE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 16TSSOP<br>In stock: 2866 pcs<br><b>RFQ</b> |