



Image may be representation. See specifications for product details.

MC9S08QG8CDTE

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08QG8CDTE                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | IC MCU 8BIT 8KB FLASH 16TSSOP                                                                                       |
| Datasheets:         |  <a href="#">MC9S08QG8CDTE.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

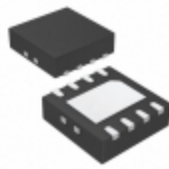
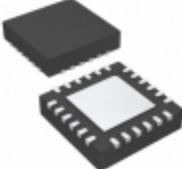
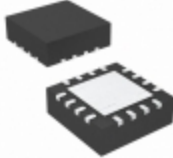
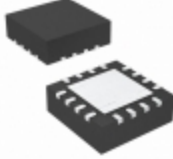
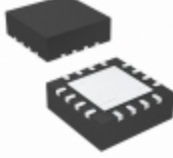
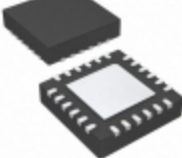
Specifications of MC9S08QG8CDTE

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08QG8CDTE                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 16TSSOP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">MC9S08QG8CDTE.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP                                                                                                              |
| SPEED                            | 20MHz                                                                                                                 |
| SERIES                           | S08                                                                                                                   |
| RAM SIZE                         | 512 x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                          |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width)                                                                                       |
| OTHER NAMES                      | 935321014574                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 12                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | -                                                                                                                     |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 20MHz 8KB (8K x 8) FLASH 16-TSSOP                                                    |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | S08                                                                                                                   |
| CONNECTIVITY                     | I <sup>2</sup> C, SCI, SPI                                                                                            |
| BASE PART NUMBER                 | MC9S08QG8                                                                                                             |

Related Tags

|                                              |                                         |                                                  |
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| NXP Semiconductors / Freescale MC9S08QG8CDTE | MC9S08QG8CDTE Distributor               | MC9S08QG8CDTE Supplier                           |
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| NXP Semiconductors / Freescale MC9S08QG8CDTE | NXP Semiconductors MC9S08QG8CDTE        | Freescale MC9S08QG8CDTE                          |
| Freescale Semiconductor - NXP MC9S08QG8CDTE  | NXP USA Inc. MC9S08QG8CDTE              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MC9S08QG8CFQE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 8QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MC9S08QG8CFKE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: 529 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MC9S08QG8CDNE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MC9S08QG8CDTER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MC9S08QG8CDNER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MC9S08QG84CFQE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 8QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MC9S08QG84CFFER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MC9S08QG8CPBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MC9S08QG8CFFER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MC9S08QG84CPBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MC9S08QG8CFFE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 16QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MC9S08QG84CFKE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |