

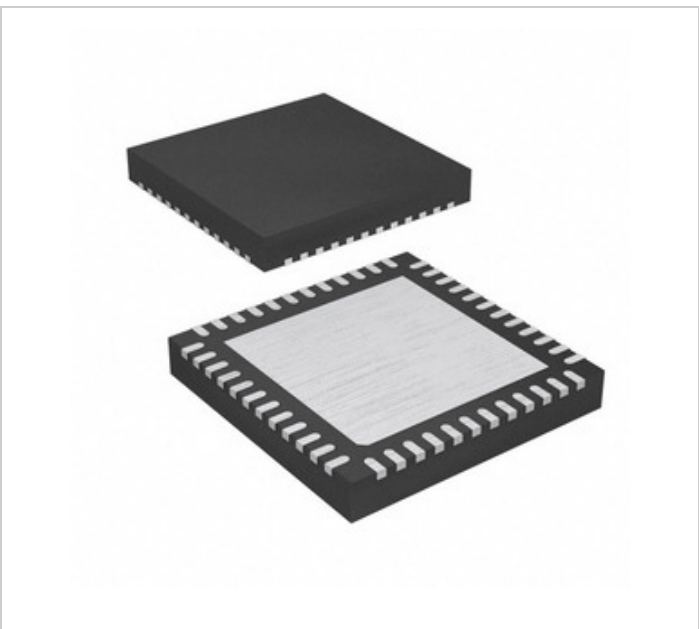


Image may be representation. See specifications for product details.

MC9S08GT16CFDER

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08GT16CFDER                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MCU 8BIT 16KB FLASH 48QFN                                                                                          |
| Datasheets:         |  <a href="#">MC9S08GT16CFDER.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

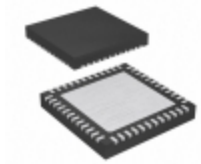
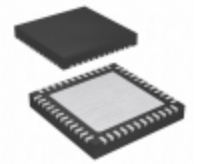
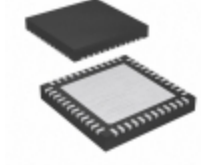
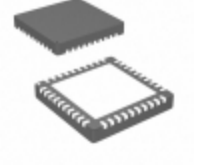
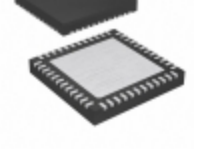
Specifications of MC9S08GT16CFDER

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08GT16CFDER                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48QFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">MC9S08GT16CFDER.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 48-QFN-EP (7x7)                                                                                                         |
| SPEED                            | 40MHz                                                                                                                   |
| SERIES                           | S08                                                                                                                     |
| RAM SIZE                         | 1K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                          |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 39                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 40MHz 16KB (16K x 8) FLASH 48-QFN-EP (7x7)                                             |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | S08                                                                                                                     |
| CONNECTIVITY                     | I <sup>2</sup> C, SCI, SPI                                                                                              |
| BASE PART NUMBER                 | MC9S08GT16                                                                                                              |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08GT16CFDER | MC9S08GT16CFDER Distributor             | MC9S08GT16CFDER Supplier                           |
| MC9S08GT16CFDER Price                          | MC9S08GT16CFDER Pictures                | MC9S08GT16CFDER Image                              |
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| NXP Semiconductors / Freescale MC9S08GT16CFDER | NXP Semiconductors MC9S08GT16CFDER      | Freescale MC9S08GT16CFDER                          |
| Freescale Semiconductor - NXP MC9S08GT16CFDER  | NXP USA Inc. MC9S08GT16CFDER            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08GT32ACFBER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S08GT16CFBER</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>MC9S08GT16AMFDE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08GT32ACFDER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08GT16CFDE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MC9S08GT16AMFCE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC9S08GT16CFBE</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>MC9S08GT32ACBE</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>MC9S08GT16AMFBE</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>MC9S08GT32ACFBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC9S08GT32CB</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>MC9S08GT32ACFDE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |