

NXP Semiconductors / Freescale

MC9S08RE16CFDE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08RE16CFDE                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB FLASH 48QFN                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 18217 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08RE16CFDE

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08RE16CFDE                                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48QFN                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| QUANTITY AVAILABLE               | 18217 pcs                                                                  |
| DATA SHEET                       |                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-QFN-EP (7x7)                                                            |
| SPEED                            | 8MHz                                                                       |
| SERIES                           | S08                                                                        |
| RAM SIZE                         | 1K x 8                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                             |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                         |
| PACKAGING                        | Tray                                                                       |
| 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 8MHz 16KB (16K x 8) FLASH 48-QFN-EP (7x7) |
| DATA CONVERTERS                  | -                                                                          |
| CORE SIZE                        | 8-Bit                                                                      |
| CORE PROCESSOR                   | S08                                                                        |
| CONNECTIVITY                     | SCI                                                                        |
| BASE PART NUMBER                 | MC9S08RE16                                                                 |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC9S08RE16CFDE               | MC9S08RE16CFDE Distributor        | MC9S08RE16CFDE Supplier  |
| MC9S08RE16CFDE Price         | MC9S08RE16CFDE Pictures           | MC9S08RE16CFDE Image     |
| MC9S08RE16CFDE PDF Datasheet | MC9S08RE16CFDE Download Datasheet | MC9S08RE16CFDE Datasheet |
| MC9S08RE16CFDE Stock         | Buy MC9S08RE16CFDE                | Buy MC9S08RE16CFDE       |
| MC9S08RE16CFDE               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S08RD8FJE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br>In stock: 3537 pcs<br><b>RFQ</b>     |  | <b>MC9S08RE16CFJE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br>In stock: 3716 pcs<br><b>RFQ</b> |
|  | <b>MC9S08RE16CFGJE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br>In stock: 4201 pcs<br><b>RFQ</b> |  | <b>MC9S08RD8CFGJE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 44LQFP<br>In stock: 4894 pcs<br><b>RFQ</b>  |
|  | <b>MC9S08RD8PE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28DIP<br>In stock: 3168 pcs<br><b>RFQ</b>       |  | <b>MC9S08RE16CFDER</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 48QFN<br>In stock: 3777 pcs<br><b>RFQ</b> |
|  | <b>MC9S08RD8CPE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28DIP<br>In stock: 6892 pcs<br><b>RFQ</b>      |  | <b>MC9S08RD8DWE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: 4551 pcs<br><b>RFQ</b>    |
|  | <b>MC9S08RE16FDER</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 48QFN<br>In stock: 4914 pcs<br><b>RFQ</b>   |  | <b>MC9S08RE16FGE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br>In stock: 5038 pcs<br><b>RFQ</b>  |
|  | <b>MC9S08RD8CFJE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br>In stock: 3352 pcs<br><b>RFQ</b>    |  | <b>MC9S08RE16FDE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 48QFN<br>In stock: 5112 pcs<br><b>RFQ</b>   |