

NXP Semiconductors / Freescale

MC9S08RE16FDE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08RE16FDE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB FLASH 48QFN                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5112 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

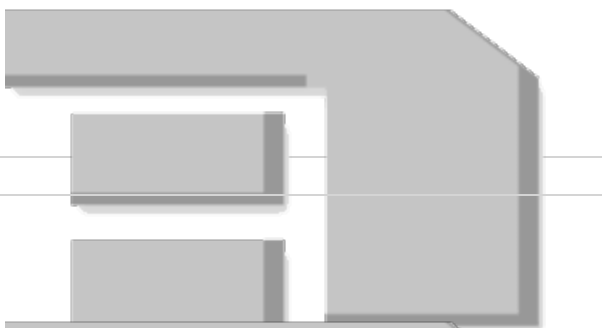
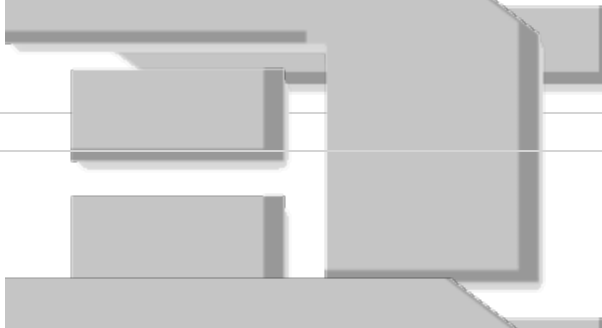
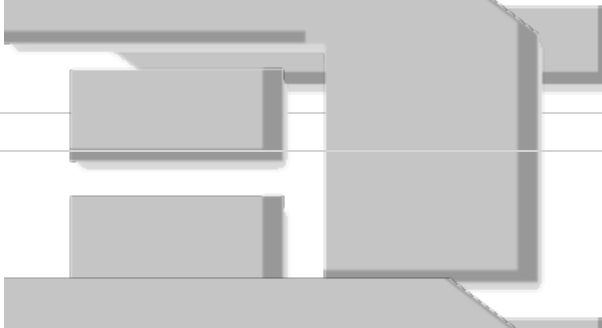
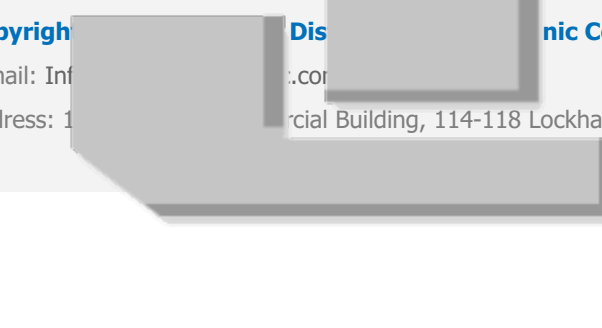
Specifications of MC9S08RE16FDE

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08RE16FDE                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48QFN                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| QUANTITY AVAILABLE               | 5112 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            | 0°C ~ 70°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

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S08RE16FDE               | MC9S08RE16FDE Distributor        | MC9S08RE16FDE Supplier  |
| MC9S08RE16FDE Price         | MC9S08RE16FDE Pictures           | MC9S08RE16FDE Image     |
| MC9S08RE16FDE PDF Datasheet | MC9S08RE16FDE Download Datasheet | MC9S08RE16FDE Datasheet |
| MC9S08RE16FDE Stock         | Buy MC9S08RE16FDE                | Buy MC9S08RE16FDE       |
| MC9S08RE16FDE               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                         |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MC9S08RE32CFJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 5714 pcs</p> <p>RFQ</p> |  | <p><b>MC9S08RD8PE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 3168 pcs</p> <p>RFQ</p>      |
|  | <p><b>MC9S08RD8FJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 3537 pcs</p> <p>RFQ</p>    |  | <p><b>MC9S08RE16CFGE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br/>In stock: 4201 pcs</p> <p>RFQ</p> |
|  | <p><b>MC9S08RE16FGE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br/>In stock: 5038 pcs</p> <p>RFQ</p>  |  | <p><b>MC9S08RE16FJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 3491 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC9S08RE16CFDE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 18217 pcs</p> <p>RFQ</p> |  | <p><b>MC9S08RE60CFGE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 60KB FLASH 32LQFP<br/>In stock: 5869 pcs</p> <p>RFQ</p> |
|  | <p><b>MC9S08RE16CFJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 3716 pcs</p> <p>RFQ</p> |  | <p><b>MC9S08RE16CFDER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 3777 pcs</p> <p>RFQ</p> |
|  | <p><b>MC9S08RE32CFGE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 4753 pcs</p> <p>RFQ</p> |  | <p><b>MC9S08RE16FDER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 4914 pcs</p> <p>RFQ</p>  |