



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC9S08RD16FJE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08RD16FJE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB FLASH 32LQFP                                                                                |
|                     |  1.MC9S08RD16FJE.pdf        |
|                     |  2.MC9S08RD16FJE.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08RD16FJE

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08RD16FJE                                                                                                                                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32LQFP                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.MC9S08RD16FJE.pdf<br> 2.MC9S08RD16FJE.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (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                   | 32-LQFP                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                 |
| 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 32-LQFP (7x7)                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | S08                                                                                                                                                                                                                |
| CONNECTIVITY                     | SCI                                                                                                                                                                                                                |
| BASE PART NUMBER                 | MC9S08RD16                                                                                                                                                                                                         |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08RD16FJE | MC9S08RD16FJE Distributor               | MC9S08RD16FJE Supplier                           |
| MC9S08RD16FJE Price                          | MC9S08RD16FJE Pictures                  | MC9S08RD16FJE Image                              |
| MC9S08RD16FJE PDF Datasheet                  | MC9S08RD16FJE Download Datasheet        | MC9S08RD16FJE Datasheet                          |
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| NXP Semiconductors / Freescale MC9S08RD16FJE | NXP Semiconductors MC9S08RD16FJE        | Freescale MC9S08RD16FJE                          |
| Freescale Semiconductor - NXP MC9S08RD16FJE  | NXP USA Inc. MC9S08RD16FJE              |                                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08RD16CDWE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08RD32DWE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC9S08RC8FGE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 44LQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MC9S08RD32CFGE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08RD32CFJE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08RD32CDWE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08RD32CPE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 28DIP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08RC8FJE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MC9S08RD16CPE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28DIP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08RD16PE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28DIP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MC9S08RC8CFJE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08RD16DWE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>  |