

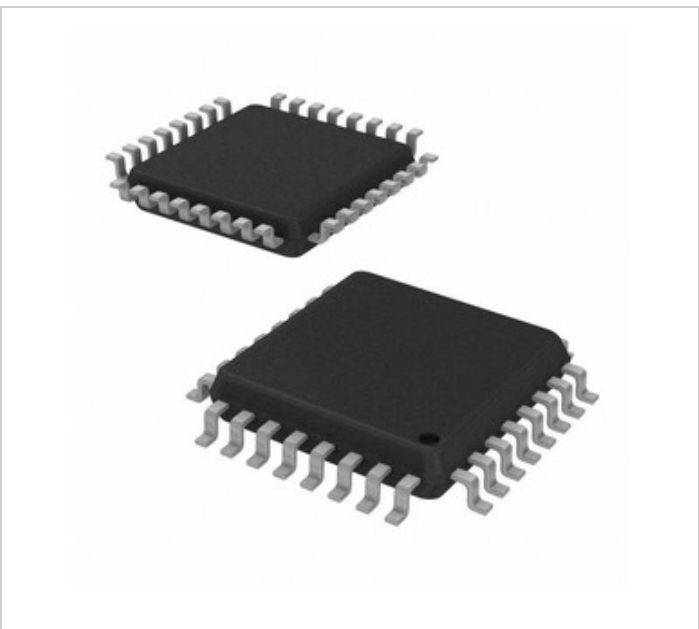


Image may be representation. See specifications for product details.

### MC9S08DV16ACLCR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08DV16ACLCR                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 16KB FLASH 32LQFP                                                                                |
|                     |  1.MC9S08DV16ACLCR.pdf      |
|                     |  2.MC9S08DV16ACLCR.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MC9S08DV16ACLCR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08DV16ACLCR                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32LQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.MC9S08DV16ACLCR.pdf<br> 2.MC9S08DV16ACLCR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (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                   | 32-LQFP                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 40MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)                                                                                                                                              |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | S08                                                                                                                                                                                                                    |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                                                                                                                                          |
| BASE PART NUMBER                 | MC9S08DV16                                                                                                                                                                                                             |

#### Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08DV16ACLCR | MC9S08DV16ACLCR Distributor             | MC9S08DV16ACLCR Supplier                           |
| MC9S08DV16ACLCR Price                          | MC9S08DV16ACLCR Pictures                | MC9S08DV16ACLCR Image                              |
| MC9S08DV16ACLCR PDF Datasheet                  | MC9S08DV16ACLCR Download Datasheet      | MC9S08DV16ACLCR Datasheet                          |
| MC9S08DV16ACLCR Stock                          | Buy MC9S08DV16ACLCR                     | Buy NXP Semiconductors / Freescale MC9S08DV16ACLCR |
| NXP Semiconductors / Freescale MC9S08DV16ACLCR | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor         |
| NXP Semiconductors / Freescale MC9S08DV16ACLCR | NXP Semiconductors MC9S08DV16ACLCR      | Freescale MC9S08DV16ACLCR                          |
| Freescale Semiconductor - NXP MC9S08DV16ACLCR  | NXP USA Inc. MC9S08DV16ACLCR            |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08DV16AVLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>MC9S08DV16AMLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>MC9S08DV16ACLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>MC9S08DV16CLCR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>MC9S08DV128MLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 100LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>MC9S08DV128MLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>MC9S08DV16AMLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>MC9S08DV128MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>MC9S08DV128CLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MC9S08DV128CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 100LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MC9S08DV16CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>    |  <div><b>MC9S08DV16ACLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |