

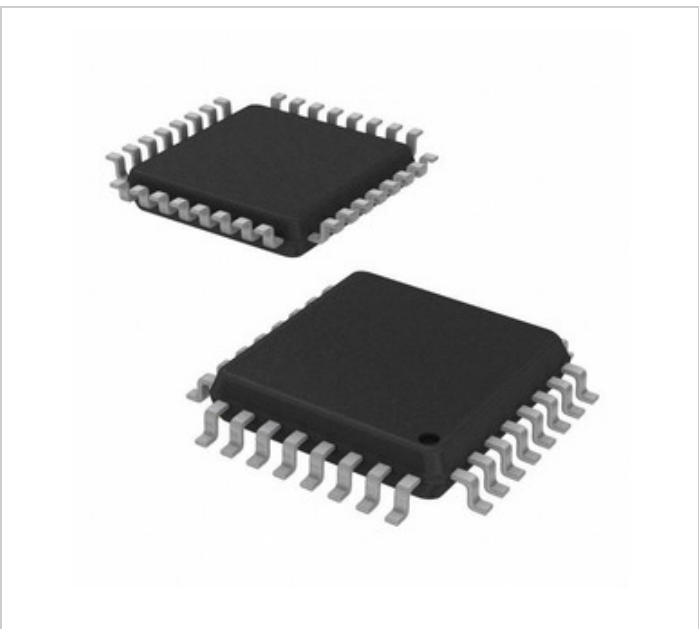


Image may be representation. See specifications for product details.

### MC9S08DN60ACLC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08DN60ACLC                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 60KB FLASH 32LQFP                                                                                |
|                     |  1.MC9S08DN60ACLC.pdf       |
|                     |  2.MC9S08DN60ACLC.pdf       |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MC9S08DN60ACLC

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08DN60ACLC                                                                                                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 60KB FLASH 32LQFP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       |  1.MC9S08DN60ACLC.pdf<br> 2.MC9S08DN60ACLC.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                                                                                                                                        |
| SPEED                            | 40MHz                                                                                                                                                                                                                |
| SERIES                           | S08                                                                                                                                                                                                                  |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 60KB (60K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| 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                      | 2K x 8                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 40MHz 60KB (60K x 8) FLASH 32-LQFP (7x7)                                                                                                                                            |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | S08                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SCI, SPI                                                                                                                                                                                   |
| BASE PART NUMBER                 | MC9S08DN60                                                                                                                                                                                                           |

#### Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08DN60ACLC | MC9S08DN60ACLC Distributor              | MC9S08DN60ACLC Supplier                           |
| MC9S08DN60ACLC Price                          | MC9S08DN60ACLC Pictures                 | MC9S08DN60ACLC Image                              |
| MC9S08DN60ACLC PDF Datasheet                  | MC9S08DN60ACLC Download Datasheet       | MC9S08DN60ACLC Datasheet                          |
| MC9S08DN60ACLC Stock                          | Buy MC9S08DN60ACLC                      | Buy NXP Semiconductors / Freescale MC9S08DN60ACLC |
| NXP Semiconductors / Freescale MC9S08DN60ACLC | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor        |
| NXP Semiconductors / Freescale MC9S08DN60ACLC | NXP Semiconductors MC9S08DN60ACLC       | Freescale MC9S08DN60ACLC                          |
| Freescale Semiconductor - NXP MC9S08DN60ACLC  | NXP USA Inc. MC9S08DN60ACLC             |                                                   |

#### Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08DN48ACLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08DN32MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC9S08DN60ACLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08DN32CLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC9S08DN60CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC9S08DN60ACLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08DN32MLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC9S08DN60AMLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08DN32MLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC9S08DN60AMLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 32LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08DN32CLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC9S08DN60AMLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |