



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC9S08DN32ACLH

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08DN32ACLH                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                |
|                     |  1.MC9S08DN32ACLH.pdf       |
|                     |  2.MC9S08DN32ACLH.pdf       |
|                     |  3.MC9S08DN32ACLH.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08DN32ACLH

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08DN32ACLH                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.MC9S08DN32ACLH.pdf<br> 2.MC9S08DN32ACLH.pdf<br> 3.MC9S08DN32ACLH.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | S08                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                                                                                                                   |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | 935322886557                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 40MHz 32KB (32K x 8) FLASH 64-LQFP (10x10)                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | S08                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, LINbus, SCI, SPI                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | MC9S08DN32                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08DN32ACLH | MC9S08DN32ACLH Distributor              | MC9S08DN32ACLH Supplier                           |
| MC9S08DN32ACLH Price                          | MC9S08DN32ACLH Pictures                 | MC9S08DN32ACLH Image                              |
| MC9S08DN32ACLH PDF Datasheet                  | MC9S08DN32ACLH Download Datasheet       | MC9S08DN32ACLH Datasheet                          |
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| NXP Semiconductors / Freescale MC9S08DN32ACLH | NXP Semiconductors MC9S08DN32ACLH       | Freescale MC9S08DN32ACLH                          |
| Freescale Semiconductor - NXP MC9S08DN32ACLH  | NXP USA Inc. MC9S08DN32ACLH             |                                                   |

Related Products

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|  <div><b>MC9S08DN32AMLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S08DN32AMLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08DN16MLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08DN32ACLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08DN32AVLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S08DN16MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC9S08DN32CLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08DN32AMLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08DN16CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08DN32ACLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08DN32CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08DN16CLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |