



Image may be representation. See specifications for product details.

MC9S08DV32AMLH

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08DV32AMLH                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                |
|                     |  1.MC9S08DV32AMLH.pdf       |
|                     |  2.MC9S08DV32AMLH.pdf       |
|                     |  3.MC9S08DV32AMLH.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08DV32AMLH

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08DV32AMLH                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.MC9S08DV32AMLH.pdf<br> 2.MC9S08DV32AMLH.pdf<br> 3.MC9S08DV32AMLH.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | S08                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 2K 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                      | 935310019557                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                |
| 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                     | CANbus, I²C, LINbus, SCI, SPI                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | MC9S08DV32                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08DV32AMLH | MC9S08DV32AMLH Distributor              | MC9S08DV32AMLH Supplier                           |
| MC9S08DV32AMLH Price                          | MC9S08DV32AMLH Pictures                 | MC9S08DV32AMLH Image                              |
| MC9S08DV32AMLH PDF Datasheet                  | MC9S08DV32AMLH Download Datasheet       | MC9S08DV32AMLH Datasheet                          |
| MC9S08DV32AMLH Stock                          | Buy MC9S08DV32AMLH                      | Buy NXP Semiconductors / Freescale MC9S08DV32AMLH |
| NXP Semiconductors / Freescale MC9S08DV32AMLH | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor        |
| NXP Semiconductors / Freescale MC9S08DV32AMLH | NXP Semiconductors MC9S08DV32AMLH       | Freescale MC9S08DV32AMLH                          |
| Freescale Semiconductor - NXP MC9S08DV32AMLH  | NXP USA Inc. MC9S08DV32AMLH             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MC9S08DV32MLC</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>MC9S08DV32AMLC</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>MC9S08DV32CLF</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>MC9S08DV32AVLC</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>MC9S08DV32MLF</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>MC9S08DV32CLC</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>MC9S08DV32CLH</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>MC9S08DV32AMLCR</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>MC9S08DV32AMLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S08DV 8-BIT MCU S08 CORE 32KB<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S08DV32ACLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: 583 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MC9S08DV32AMLF</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>MC9S08DV32ACLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |