



NXP Semiconductors / Freescale

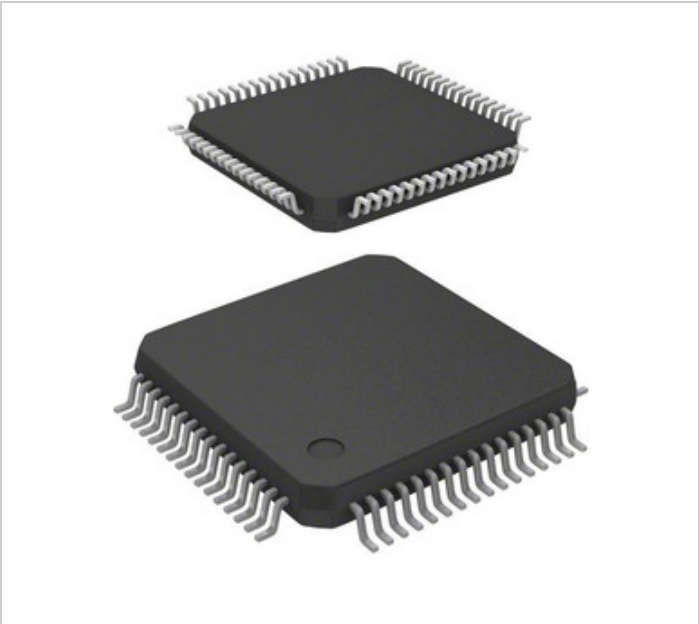


Image may be representation. See specifications for product details.

MC9S08MM32ACLH

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08MM32ACLH                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                |
|                     |  1.MC9S08MM32ACLH.pdf       |
|                     |  2.MC9S08MM32ACLH.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08MM32ACLH

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08MM32ACLH                                                                                                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64LQFP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| DATA SHEET                       |  1.MC9S08MM32ACLH.pdf<br> 2.MC9S08MM32ACLH.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                      |
| SPEED                            | 48MHz                                                                                                                                                                                                                |
| 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                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                   |
| 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 48MHz 32KB (32K x 8) FLASH 64-LQFP (10x10)                                                                                                                                          |
| DATA CONVERTERS                  | A/D 6x16b, D/A 1x12b                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | S08                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, SCI, SPI                                                                                                                                                                                           |
| BASE PART NUMBER                 | MC9S08MM32                                                                                                                                                                                                           |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08MM32ACLH | MC9S08MM32ACLH Distributor              | MC9S08MM32ACLH Supplier                           |
| MC9S08MM32ACLH Price                          | MC9S08MM32ACLH Pictures                 | MC9S08MM32ACLH Image                              |
| MC9S08MM32ACLH PDF Datasheet                  | MC9S08MM32ACLH Download Datasheet       | MC9S08MM32ACLH Datasheet                          |
| MC9S08MM32ACLH Stock                          | Buy MC9S08MM32ACLH                      | Buy NXP Semiconductors / Freescale MC9S08MM32ACLH |
| NXP Semiconductors / Freescale MC9S08MM32ACLH | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor        |
| NXP Semiconductors / Freescale MC9S08MM32ACLH | NXP Semiconductors MC9S08MM32ACLH       | Freescale MC9S08MM32ACLH                          |
| Freescale Semiconductor - NXP MC9S08MM32ACLH  | NXP USA Inc. MC9S08MM32ACLH             |                                                   |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08MM128CLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08MM32AVLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MC9S08MM128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9S08MP12VWL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>MC9S08MM128VLK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 480 pcs<br/>RFQ</div>   |  <div><b>MC9S08MM128CLK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 476 pcs<br/>RFQ</div>     |
|  <div><b>MC9S08MM32CLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08MM128VMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 81MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC9S08MM32VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08MM64VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>MC9S08MM64CLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9S08MM128CMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 128KB FLASH 81MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |