



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC9S08SH16CTL

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08SH16CTL                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | IC MCU 8BIT 16KB FLASH 28TSSOP                                                                                      |
| Datasheets:         |  <a href="#">MC9S08SH16CTL.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of MC9S08SH16CTL

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08SH16CTL                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28TSSOP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">MC9S08SH16CTL.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 28-TSSOP                                                                                                              |
| 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                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | 28-TSSOP (0.173", 4.40mm Width)                                                                                       |
| OTHER NAMES                      | 935325427574                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 23                                                                                                                    |
| 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 16KB (16K x 8) FLASH 28-TSSOP                                                  |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | S08                                                                                                                   |
| CONNECTIVITY                     | I²C, LINbus, SCI, SPI                                                                                                 |
| BASE PART NUMBER                 | MC9S08SH16                                                                                                            |

Related Tags

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| NXP Semiconductors / Freescale MC9S08SH16CTL | MC9S08SH16CTL Distributor               | MC9S08SH16CTL Supplier                           |
| MC9S08SH16CTL Price                          | MC9S08SH16CTL Pictures                  | MC9S08SH16CTL Image                              |
| MC9S08SH16CTL PDF Datasheet                  | MC9S08SH16CTL Download Datasheet        | MC9S08SH16CTL Datasheet                          |
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| NXP Semiconductors / Freescale MC9S08SH16CTL | NXP Semiconductors MC9S08SH16CTL        | Freescale MC9S08SH16CTL                          |
| Freescale Semiconductor - NXP MC9S08SH16CTL  | NXP USA Inc. MC9S08SH16CTL              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MC9S08SH16CWLR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08SF4MTG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MC9S08SH16MTG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC9S08SH16CWL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 383 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MC9S08SH16MTJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 20TSSOP<br/>In stock: 75 pcs<br/><div>RFQ</div></div>     |  <div><b>MC9S08SH16CTJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC9S08SF4MTJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MC9S08SH16CTGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S08SH16CTG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 16TSSOP<br/>In stock: 694 pcs<br/><div>RFQ</div></div>    |  <div><b>MC9S08SH16MTJR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S08SH 8-BIT MCU S08 CORE 16KB<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC9S08SH16CTLR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 28TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S08SH16CTJR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 16KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |