

NXP Semiconductors / Freescale

MC9S08LL16CLHR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | MC9S08LL16CLHR                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | S08LL 8-BIT MCU S08 CORE 16KB  |
| Datasheets:         |                                |
| Stock Condition     | 46383 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

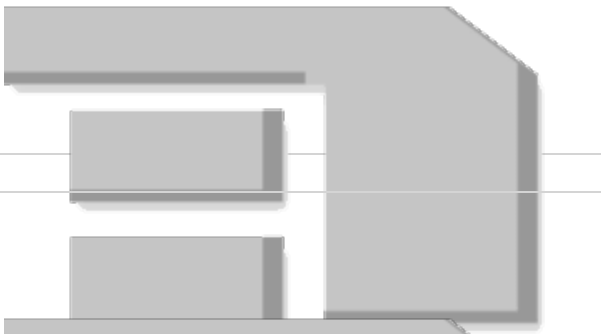
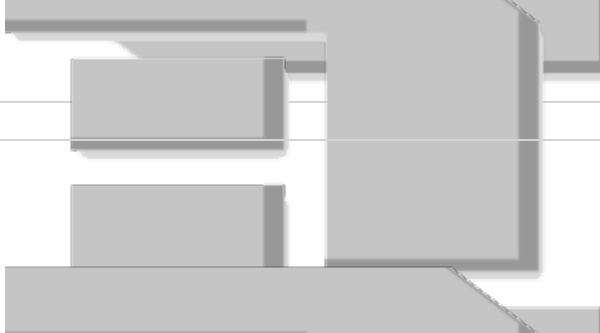
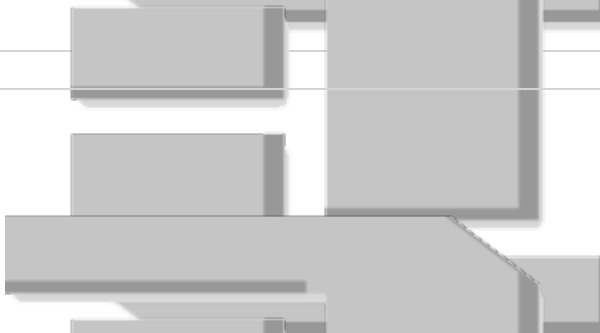
Specifications of MC9S08LL16CLHR

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08LL16CLHR                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                              |
| DESCRIPTION                      | S08LL 8-BIT MCU S08 CORE 16KB                                               |
| LEAD FREE STATUS / ROHS STATUS   |                                                                             |
| QUANTITY AVAILABLE               | 46383 pcs                                                                   |
| DATA SHEET                       |                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                               |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                             |
| SPEED                            | 20MHz                                                                       |
| SERIES                           | S08                                                                         |
| RAM SIZE                         | 2K x 8                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                       |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                              |
| PERIPHERALS                      | LCD, LVD, POR, PWM, WDT                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                            |
| PACKAGE / CASE                   | 64-LQFP                                                                     |
| OTHER NAMES                      | 935310013528                                                                |
| OSCILLATOR TYPE                  | Internal                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                           |
| NUMBER OF I/O                    | 38                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                               |
| EEPROM SIZE                      | -                                                                           |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 20MHz 16KB (16K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x12b                                                                   |
| CORE SIZE                        | 8-Bit                                                                       |
| CORE PROCESSOR                   | S08                                                                         |
| CONNECTIVITY                     | I²C, SCI, SPI                                                               |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC9S08LL16CLHR               | MC9S08LL16CLHR Distributor        | MC9S08LL16CLHR Supplier  |
| MC9S08LL16CLHR Price         | MC9S08LL16CLHR Pictures           | MC9S08LL16CLHR Image     |
| MC9S08LL16CLHR PDF Datasheet | MC9S08LL16CLHR Download Datasheet | MC9S08LL16CLHR Datasheet |
| MC9S08LL16CLHR Stock         | Buy MC9S08LL16CLHR                | Buy MC9S08LL16CLHR       |
| MC9S08LL16CLHR               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                         |                                                                                      |                                                                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S08LL64CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br>In stock: 15176 pcs<br>RFQ  |  | <b>MC9S08LL16CLF</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br>In stock: 26443 pcs<br>RFQ  |
|  | <b>MC9S08LH64CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br>In stock: 16756 pcs<br>RFQ  |  | <b>MC9S08LL16CGTR</b><br>Manufacturers: NXP<br>Description: S08LL 8-BIT MCU S08 CORE 16KB<br>In stock: 45574 pcs<br>RFQ |
|  | <b>MC9S08LL36CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 36KB FLASH 64LQFP<br>In stock: 19024 pcs<br>RFQ  |  | <b>MC9S08LL8CGT</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 10KB FLASH 48QFN<br>In stock: 52668 pcs<br>RFQ    |
|  | <b>MC9S08LL64CLKR</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br>In stock: 27167 pcs<br>RFQ |  | <b>MC9S08LL64CLK</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br>In stock: 14663 pcs<br>RFQ  |
|  | <b>MC9S08LL16CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 64LQFP<br>In stock: 26407 pcs<br>RFQ  |  | <b>MC9S08LL36CLK</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 36KB FLASH 80LQFP<br>In stock: 5661 pcs<br>RFQ   |
|  | <b>MC9S08LH64CLK</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br>In stock: 20488 pcs<br>RFQ  |  | <b>MC9S08LL16CGT</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 48QFN<br>In stock: 45748 pcs<br>RFQ   |