

NXP Semiconductors / Freescale

MC9S08QE32CLC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08QE32CLC                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 32LQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16806 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

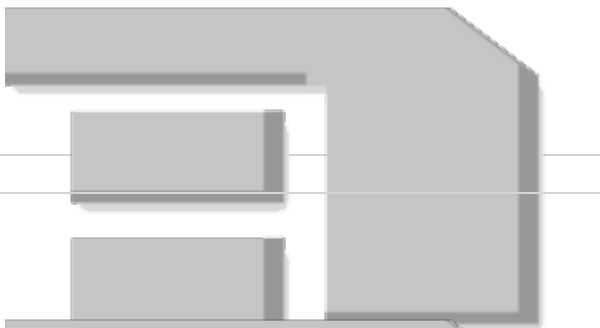
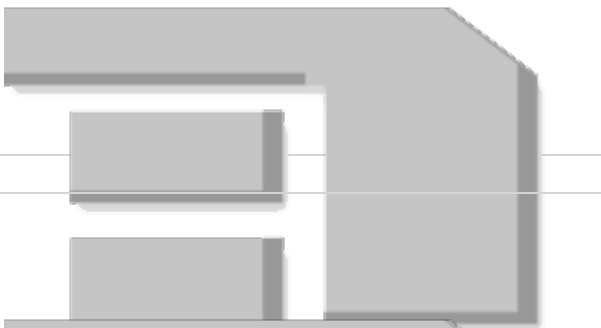
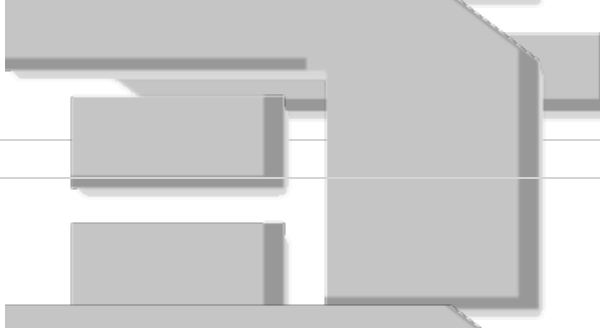
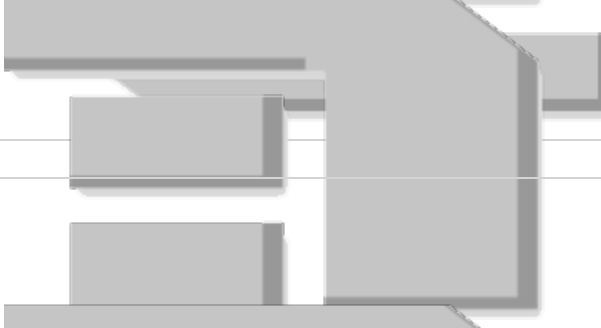
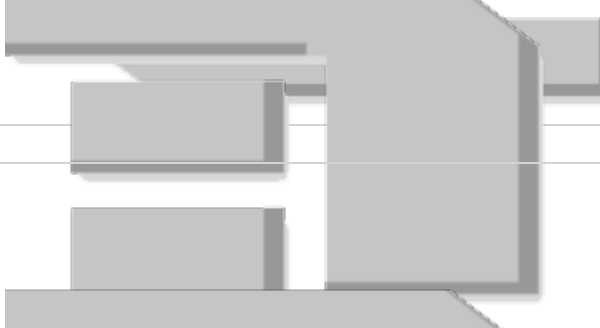
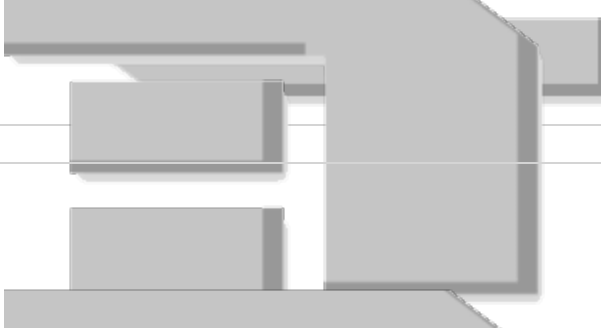
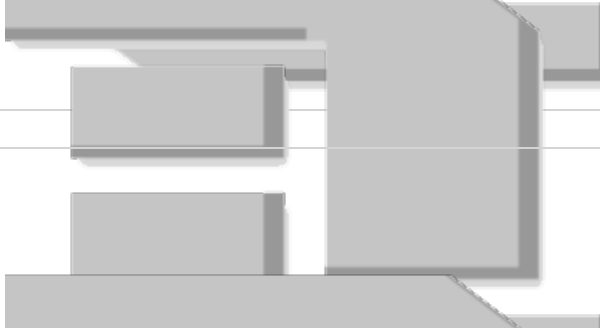
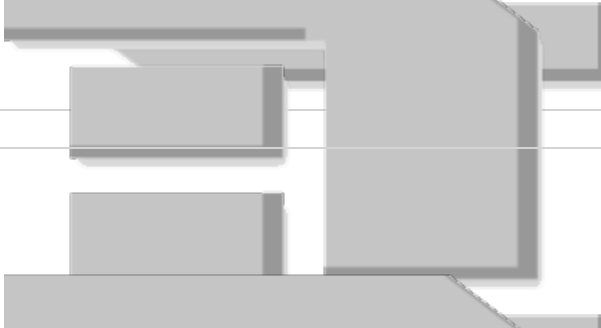
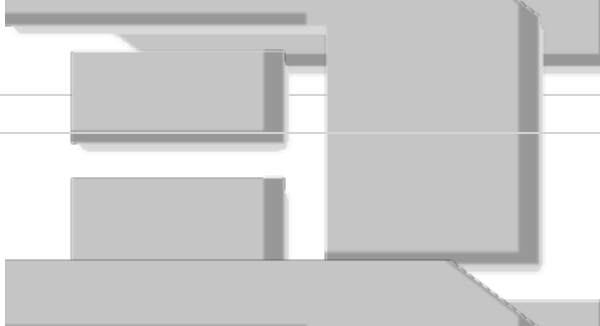
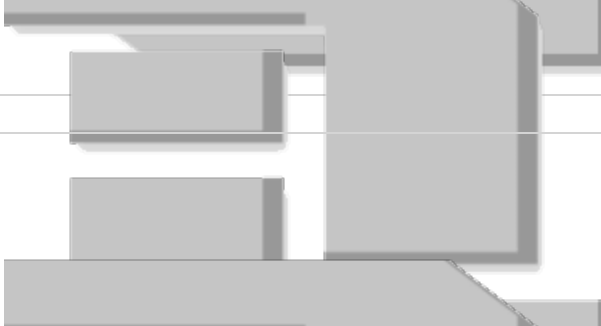
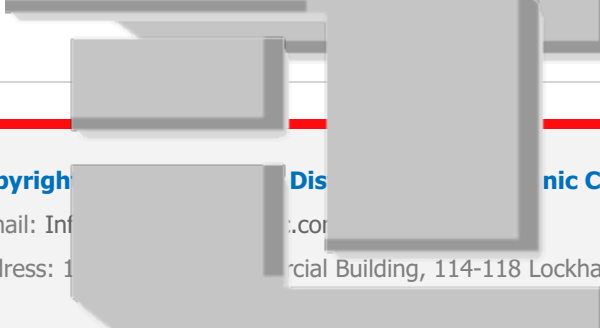
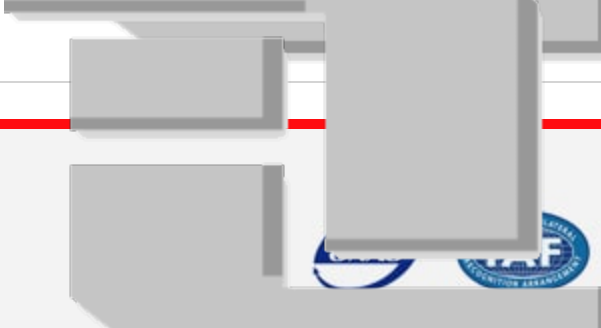
Specifications of MC9S08QE32CLC

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08QE32CLC                                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 32LQFP                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| QUANTITY AVAILABLE               | 16806 pcs                                                                 |
| DATA SHEET                       |                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                             |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                             |
| SPEED                            | 50MHz                                                                     |
| SERIES                           | S08                                                                       |
| RAM SIZE                         | 2K x 8                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                     |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                            |
| PERIPHERALS                      | LVD, PWM, WDT                                                             |
| PACKAGING                        | Tray                                                                      |
| PACKAGE / CASE                   | 32-LQFP                                                                   |
| OTHER NAMES                      | 935316984557                                                              |
| OSCILLATOR TYPE                  | Internal                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                         |
| NUMBER OF I/O                    | 26                                                                        |
| 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 50MHz 32KB (32K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 10x12b                                                                |
| CORE SIZE                        | 8-Bit                                                                     |
| CORE PROCESSOR                   | S08                                                                       |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SCI, SPI                                        |
| BASE PART NUMBER                 | MC9S08QE32                                                                |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S08QE32CLC               | MC9S08QE32CLC Distributor        | MC9S08QE32CLC Supplier  |
| MC9S08QE32CLC Price         | MC9S08QE32CLC Pictures           | MC9S08QE32CLC Image     |
| MC9S08QE32CLC PDF Datasheet | MC9S08QE32CLC Download Datasheet | MC9S08QE32CLC Datasheet |
| MC9S08QE32CLC Stock         | Buy MC9S08QE32CLC                | Buy MC9S08QE32CLC       |
| MC9S08QE32CLC               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S08QE4CPG</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 16DIP<br>In stock: 39807 pcs<br><b>RFQ</b>    |  | <b>MC9S08QE32CFM</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 32QFN<br>In stock: 20003 pcs<br><b>RFQ</b>   |
|  | <b>MC9S08QE16CWL</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br>In stock: 22092 pcs<br><b>RFQ</b> |  | <b>MC9S08QE4CLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 32LQFP<br>In stock: 28813 pcs<br><b>RFQ</b>    |
|  | <b>MC9S08QE16CLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br>In stock: 24057 pcs<br><b>RFQ</b> |  | <b>MC9S08QE32CFMR</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 32QFN<br>In stock: 34829 pcs<br><b>RFQ</b>  |
|  | <b>MC9S08QE16CLD</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br>In stock: 17323 pcs<br><b>RFQ</b> |  | <b>MC9S08QE32CFT</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 48QFN<br>In stock: 15444 pcs<br><b>RFQ</b>   |
|  | <b>MC9S08QE32CLD</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br>In stock: 16793 pcs<br><b>RFQ</b> |  | <b>MC9S08QE32CWL</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br>In stock: 16038 pcs<br><b>RFQ</b>  |
|  | <b>MC9S08QE4CLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 32LQFP<br>In stock: 53175 pcs<br><b>RFQ</b>  |  | <b>MC9S08QE32CLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br>In stock: 35039 pcs<br><b>RFQ</b> |