

NXP Semiconductors / Freescale

MC9S08DN32MLF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08DN32MLF                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 32KB FLASH 48LQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6793 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

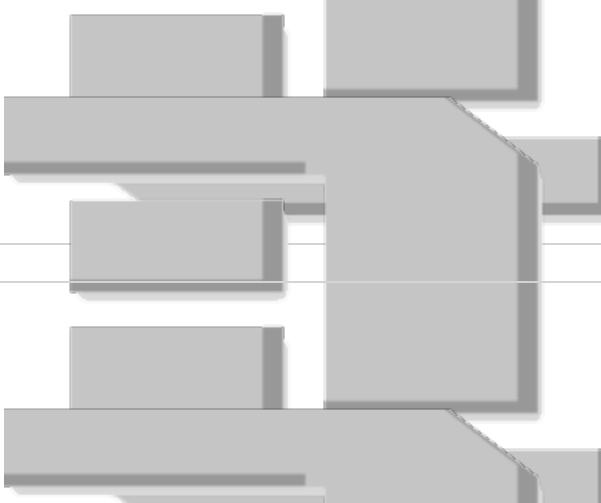
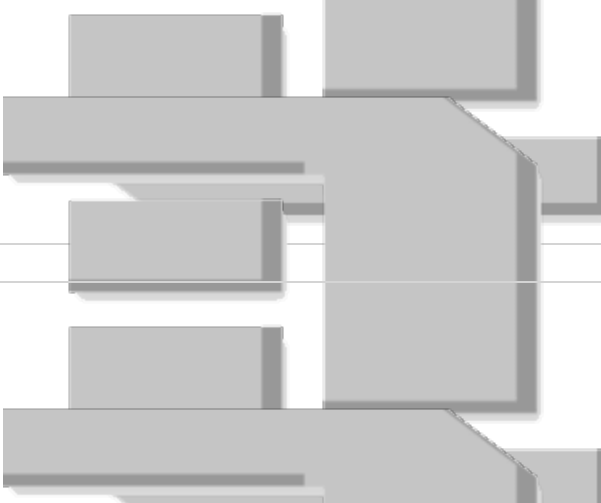
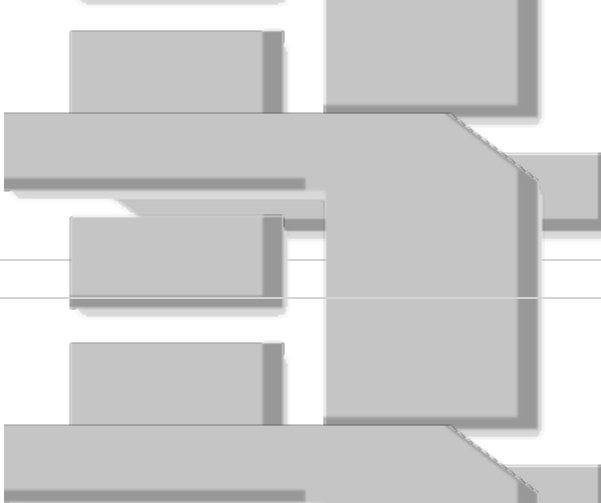
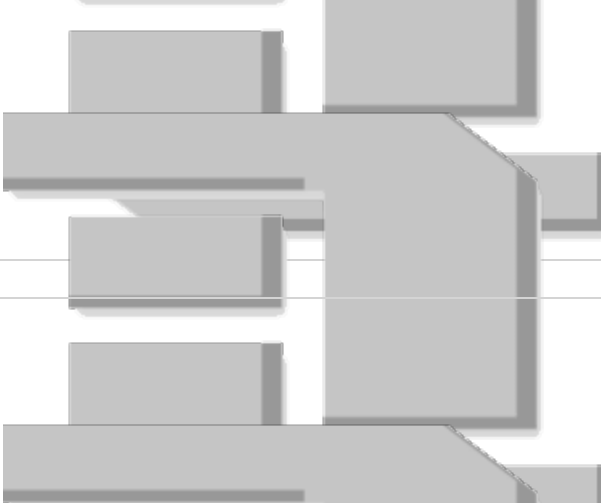
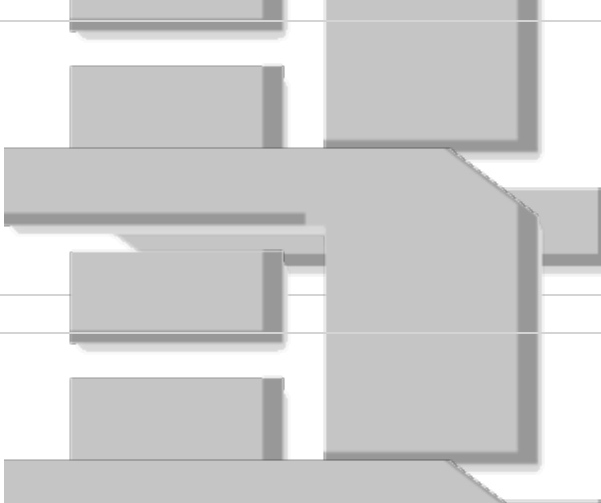
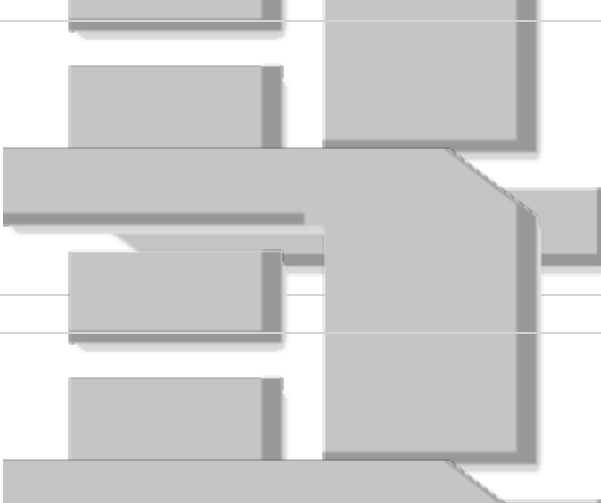
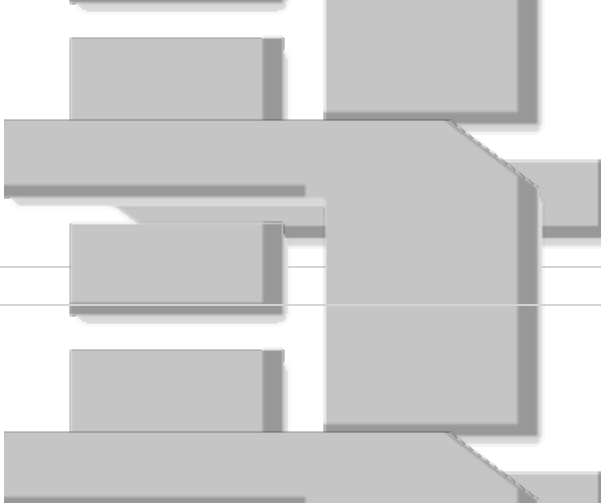
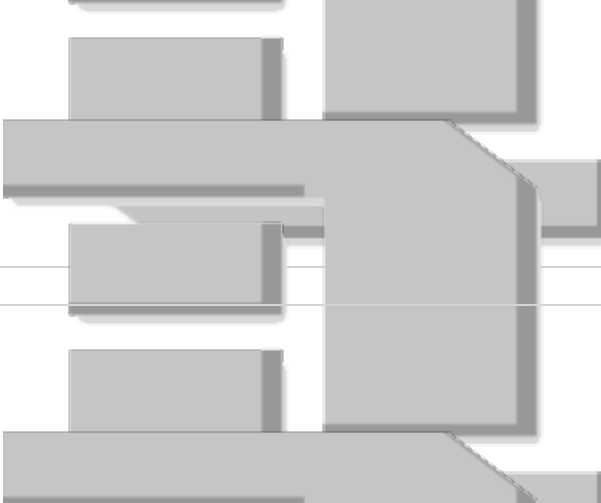
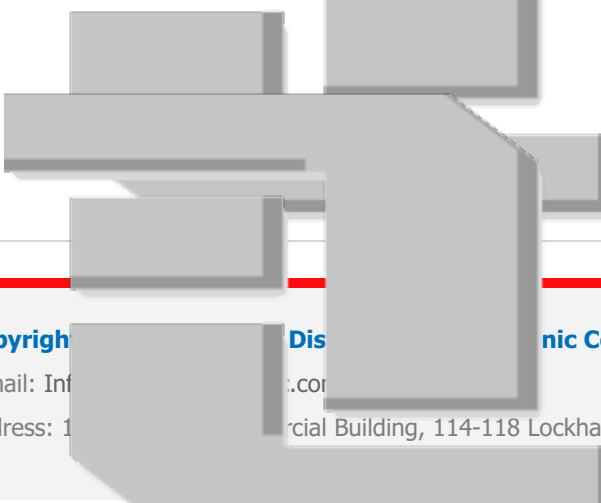
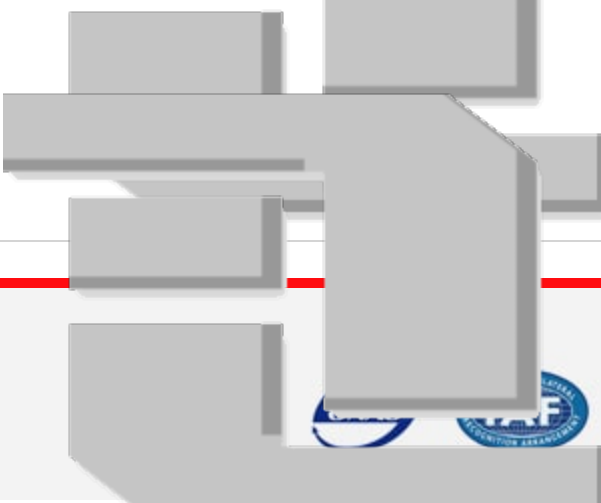
Specifications of MC9S08DN32MLF

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08DN32MLF                                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48LQFP                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| QUANTITY AVAILABLE               | 6793 pcs                                                                  |
| DATA SHEET                       |                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                             |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                             |
| SPEED                            | 40MHz                                                                     |
| SERIES                           | S08                                                                       |
| RAM SIZE                         | 1.5K x 8                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                     |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                            |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                        |
| PACKAGING                        | Tray                                                                      |
| PACKAGE / CASE                   | 48-LQFP                                                                   |
| OSCILLATOR TYPE                  | External                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                        |
| NUMBER OF I/O                    | 39                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| EEPROM SIZE                      | 1K x 8                                                                    |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 40MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 16x12b                                                                |
| CORE SIZE                        | 8-Bit                                                                     |
| CORE PROCESSOR                   | S08                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SCI, SPI                                                     |
| BASE PART NUMBER                 | MC9S08DN32                                                                |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S08DN32MLF               | MC9S08DN32MLF Distributor        | MC9S08DN32MLF Supplier  |
| MC9S08DN32MLF Price         | MC9S08DN32MLF Pictures           | MC9S08DN32MLF Image     |
| MC9S08DN32MLF PDF Datasheet | MC9S08DN32MLF Download Datasheet | MC9S08DN32MLF Datasheet |
| MC9S08DN32MLF Stock         | Buy MC9S08DN32MLF                | Buy MC9S08DN32MLF       |
| MC9S08DN32MLF               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                         |                                                                                      |                                                                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S08DN32AVLF</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br>In stock: 18695 pcs<br>RFQ |  | <b>MC9S08DN60ACLF</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 60KB FLASH 48LQFP<br>In stock: 15793 pcs<br>RFQ |
|  | <b>MC9S08DN32CLF</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br>In stock: 5636 pcs<br>RFQ   |  | <b>MC9S08DN32AMLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br>In stock: 14717 pcs<br>RFQ |
|  | <b>MC9S08DN60AMLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 60KB FLASH 32LQFP<br>In stock: 6348 pcs<br>RFQ  |  | <b>MC9S08DN32CLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br>In stock: 4367 pcs<br>RFQ   |
|  | <b>MC9S08DN32CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br>In stock: 3031 pcs<br>RFQ   |  | <b>MC9S08DN60ACLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 60KB FLASH 64LQFP<br>In stock: 5706 pcs<br>RFQ  |
|  | <b>MC9S08DN60ACLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 60KB FLASH 32LQFP<br>In stock: 3122 pcs<br>RFQ  |  | <b>MC9S08DN32MLC</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br>In stock: 6048 pcs<br>RFQ   |
|  | <b>MC9S08DN48ACLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 48KB FLASH 64LQFP<br>In stock: 3284 pcs<br>RFQ  |  | <b>MC9S08DN32MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 32KB FLASH 64LQFP<br>In stock: 6474 pcs<br>RFQ   |