

NXP Semiconductors / Freescale

MCF51QM32VHS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCF51QM32VHS                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 44MAPLGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26292 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

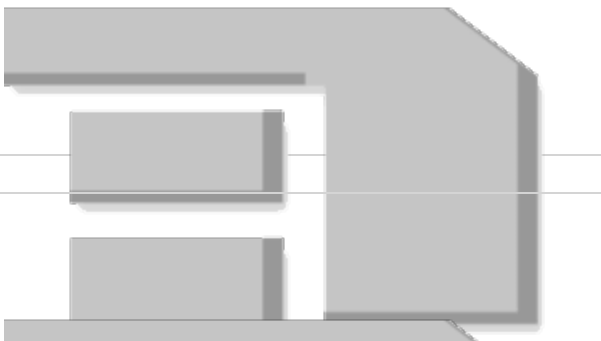
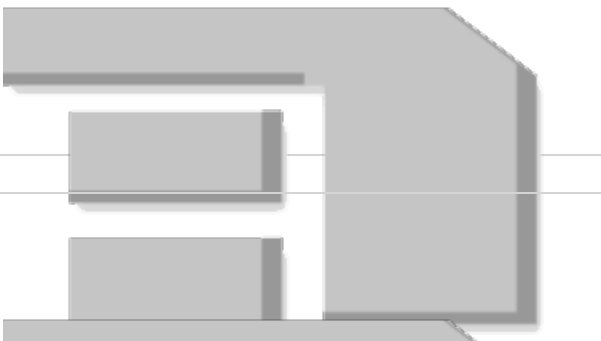
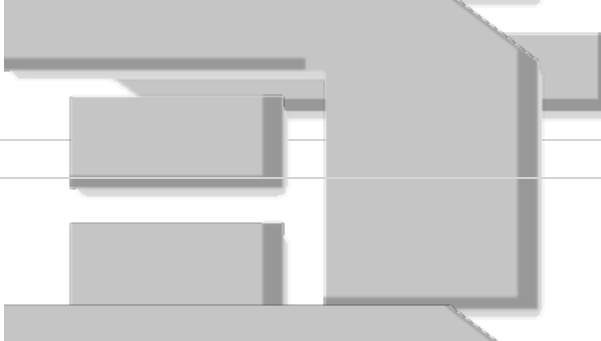
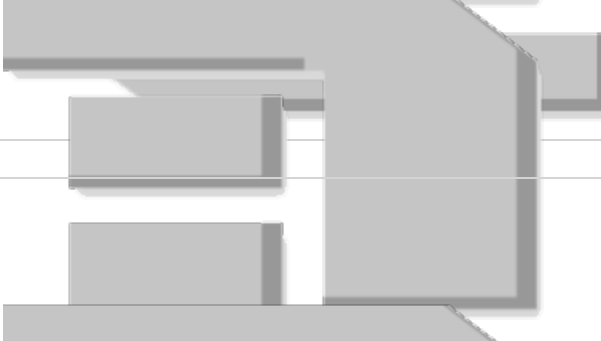
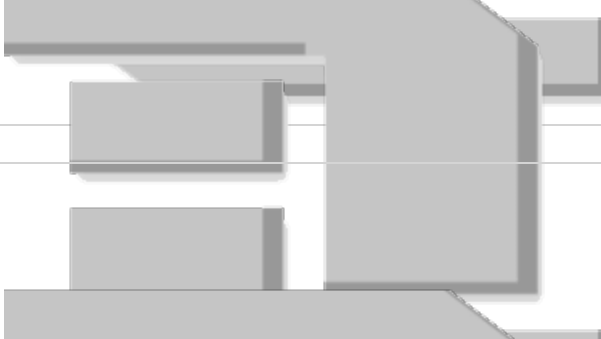
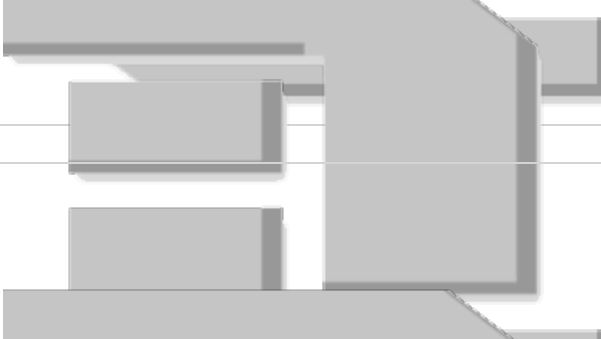
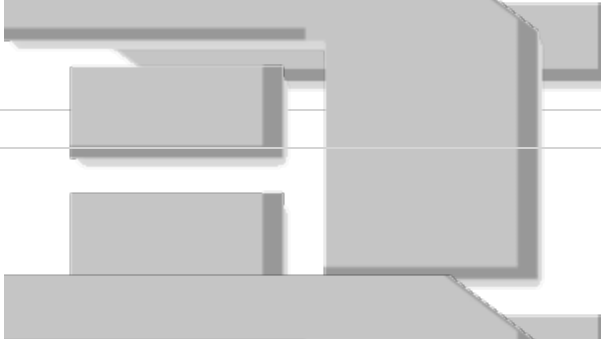
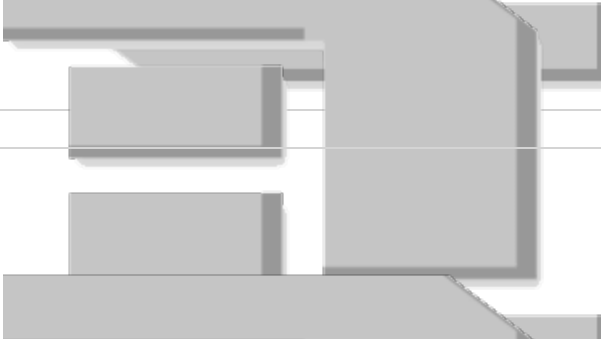
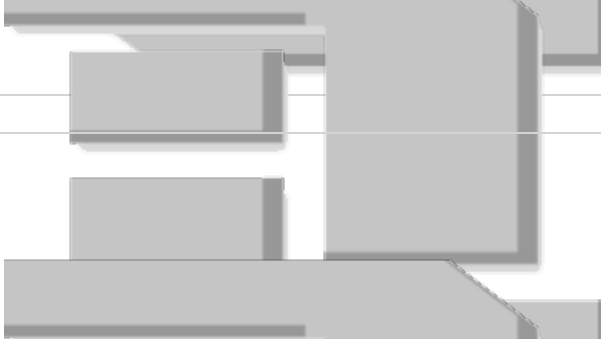
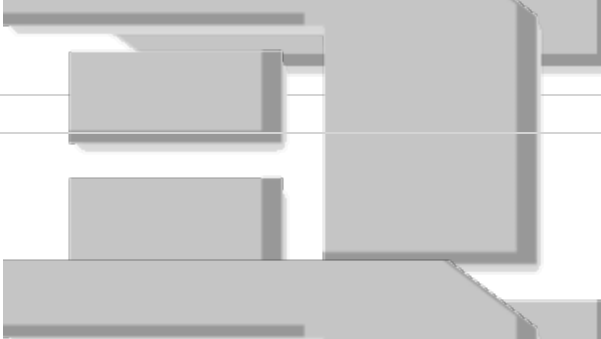
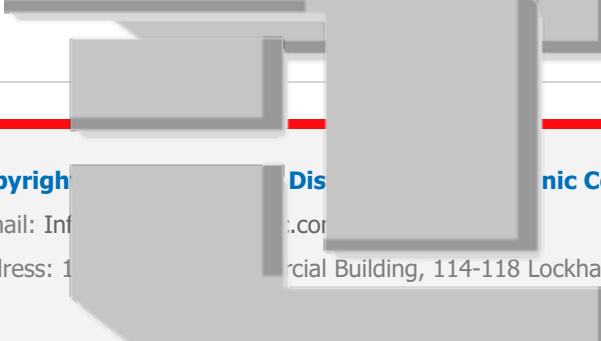
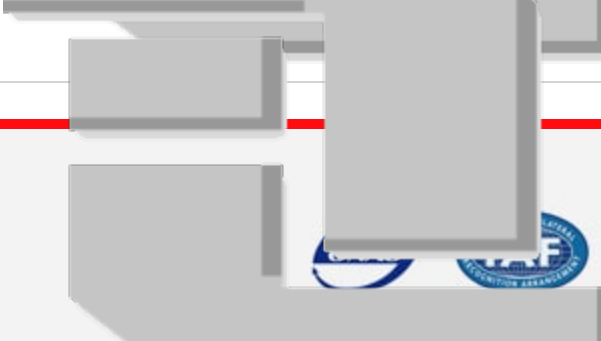
Specifications of MCF51QM32VHS

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCF51QM32VHS                                                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                           |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 44MAPLGA                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| QUANTITY AVAILABLE               | 26292 pcs                                                                                |
| DATA SHEET                       |                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-MAPLGA (5x5)                                                                          |
| SPEED                            | 50MHz                                                                                    |
| SERIES                           | MCF51Qx                                                                                  |
| RAM SIZE                         | 8K x 8                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                    |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                     |
| PACKAGE / CASE                   | 44-VFLGA Exposed Pad                                                                     |
| OTHER NAMES                      | 935319943557                                                                             |
| OSCILLATOR TYPE                  | External                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                       |
| NUMBER OF I/O                    | 31                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| EEPROM SIZE                      | -                                                                                        |
| DETAILED DESCRIPTION             | Coldfire V1 MCF51Qx Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 44-MAPLGA (5x5) |
| DATA CONVERTERS                  | A/D 2x16b, 11x16b, D/A 1x12b                                                             |
| CORE SIZE                        | 32-Bit                                                                                   |
| CORE PROCESSOR                   | Coldfire V1                                                                              |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                            |
| BASE PART NUMBER                 | MCF51QM32                                                                                |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MCF51QM32VHS               | MCF51QM32VHS Distributor        | MCF51QM32VHS Supplier  |
| MCF51QM32VHS Price         | MCF51QM32VHS Pictures           | MCF51QM32VHS Image     |
| MCF51QM32VHS PDF Datasheet | MCF51QM32VHS Download Datasheet | MCF51QM32VHS Datasheet |
| MCF51QM32VHS Stock         | Buy MCF51QM32VHS                | Buy MCF51QM32VHS       |
| MCF51QM32VHS               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCF51QM128VHS</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 44LGA<br>In stock: 15098 pcs<br>  |  | <b>MCF51QE96CLK</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 96KB FLASH 80LQFP<br>In stock: 14929 pcs<br>    |
|  | <b>MCF51QM64VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br>In stock: 28173 pcs<br>   |  | <b>MCF51QM128VHSR</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 44LGA<br>In stock: 36235 pcs<br>  |
|  | <b>MCF51QM128VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 17687 pcs<br> |  | <b>MCF51QU128VLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 29142 pcs<br> |
|  | <b>MCF51QU128VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 16883 pcs<br> |  | <b>MCF51QM32VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 20043 pcs<br>     |
|  | <b>MCF51QM64VHS</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 44MAPLGA<br>In stock: 27325 pcs<br> |  | <b>MCF51QM128VLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 26759 pcs<br> |
|  | <b>MCF51QU32VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 36344 pcs<br>    |  | <b>MCF51QU128VHS</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 44LGA<br>In stock: 18089 pcs<br>   |