

NXP Semiconductors / Freescale

MC56F8256VLF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F8256VLF                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9999 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

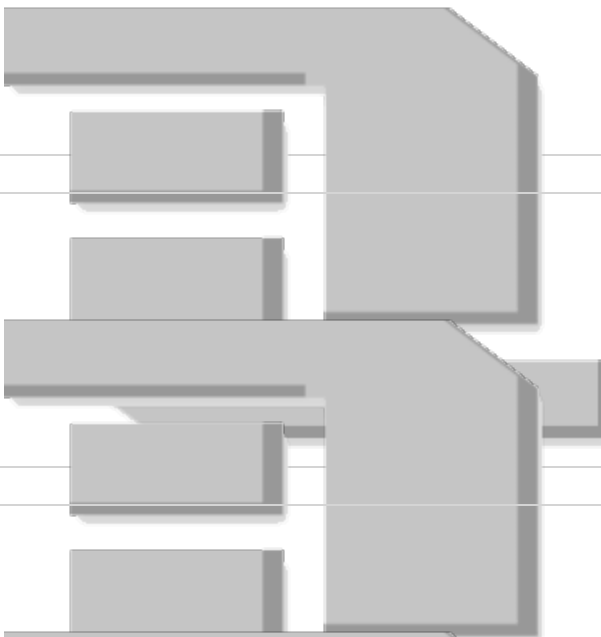
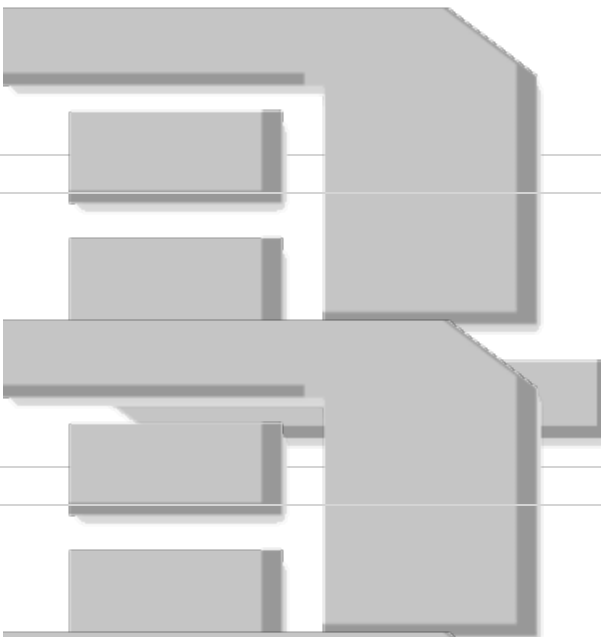
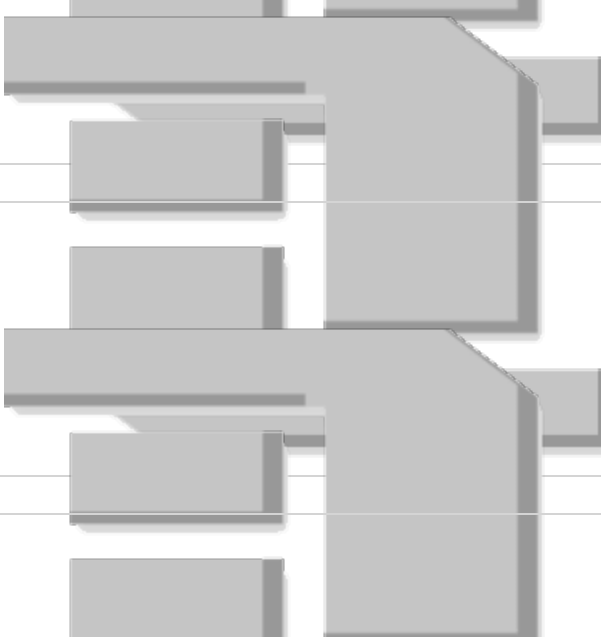
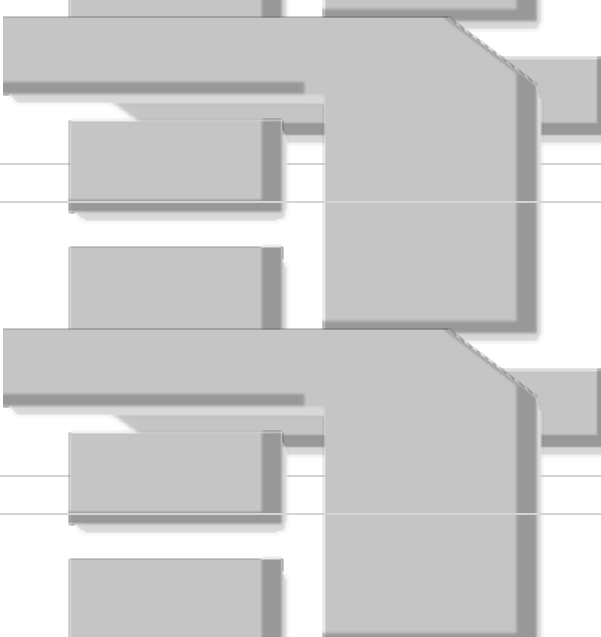
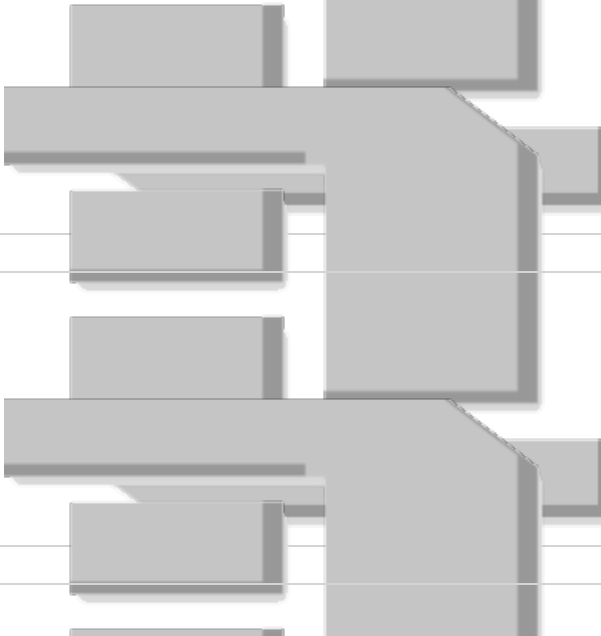
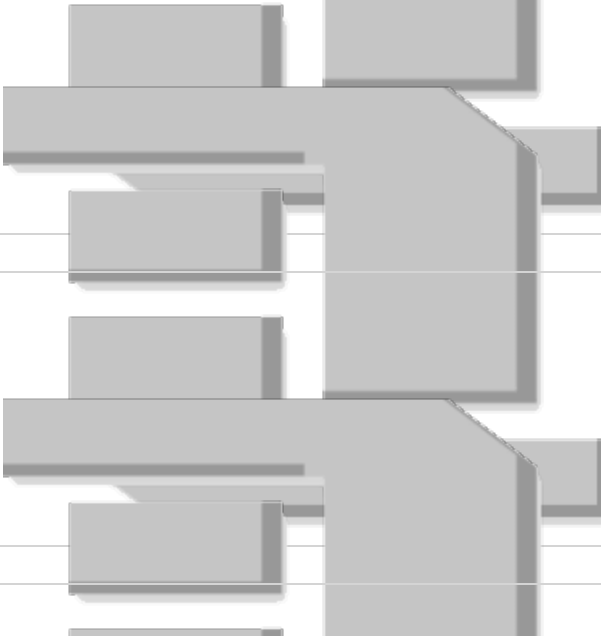
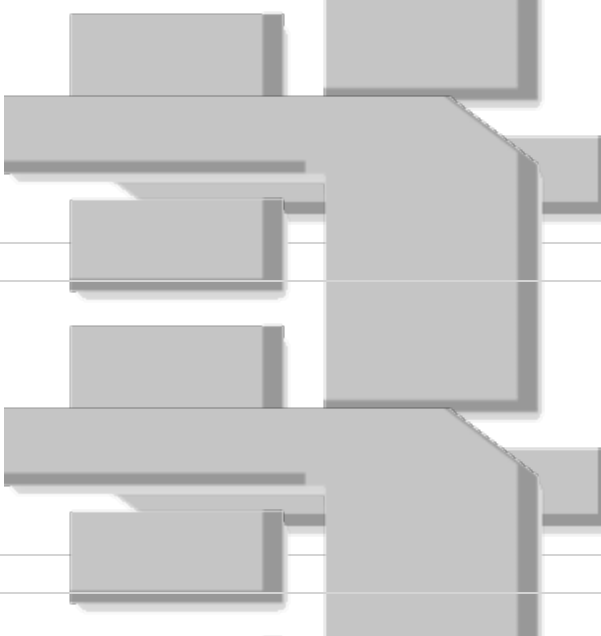
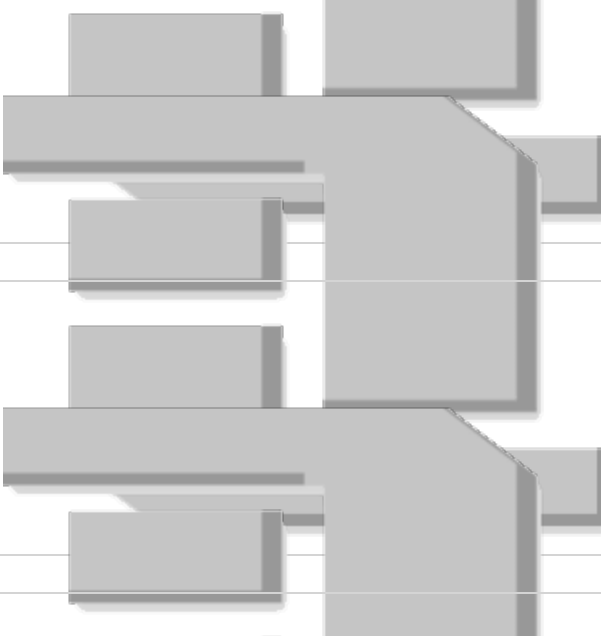
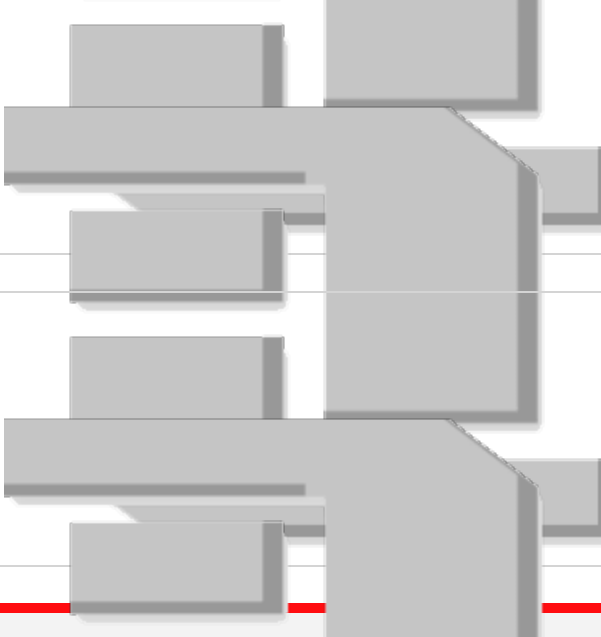
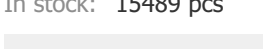
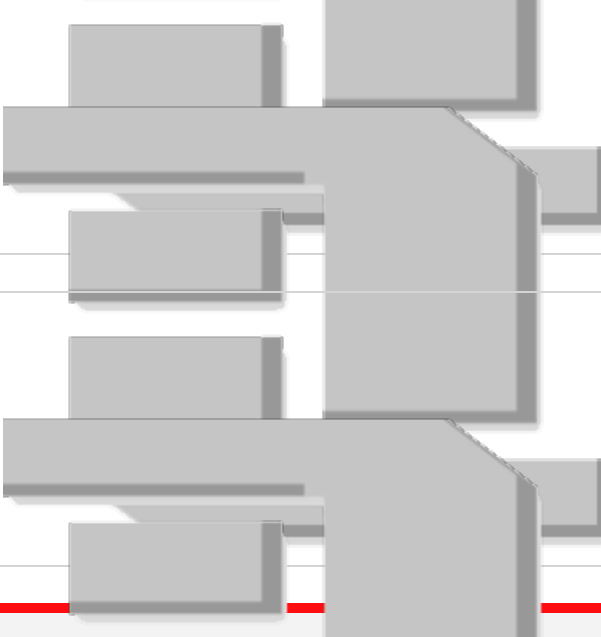
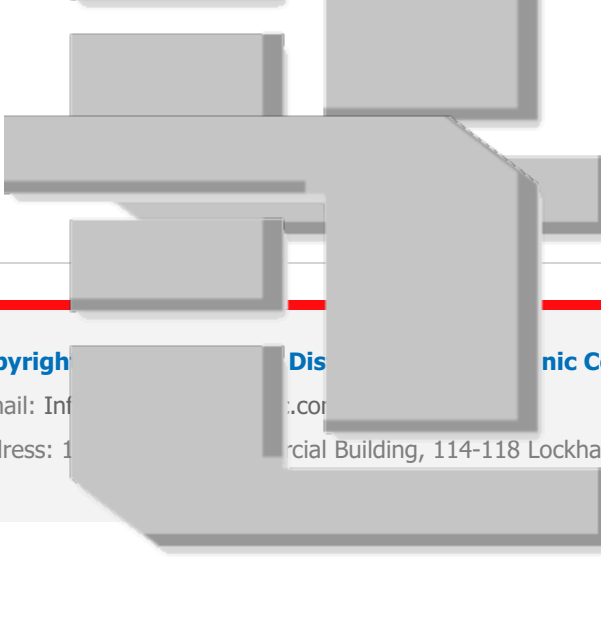
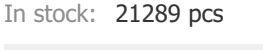
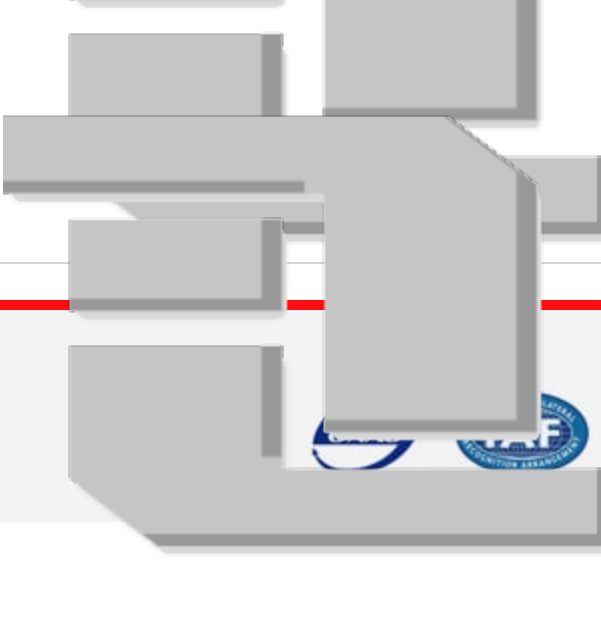
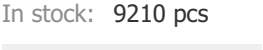
Specifications of MC56F8256VLF

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F8256VLF                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 9999 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                      |
| SPEED                            | 60MHz                                                                              |
| SERIES                           | 56F8xxx                                                                            |
| RAM SIZE                         | 4K x 16                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                    |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 48-LQFP                                                                            |
| OTHER NAMES                      | 935310528557                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°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                      | -                                                                                  |
| DETAILED DESCRIPTION             | 56800E 56F8xxx Microcontroller IC 16-Bit 60MHz 64KB (32K x 16) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 10x12b, D/A 1x12b                                                              |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | 56800E                                                                             |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                      |
| BASE PART NUMBER                 | MC56F8256                                                                          |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MC56F8256VLF               | MC56F8256VLF Distributor        | MC56F8256VLF Supplier  |
| MC56F8256VLF Price         | MC56F8256VLF Pictures           | MC56F8256VLF Image     |
| MC56F8256VLF PDF Datasheet | MC56F8256VLF Download Datasheet | MC56F8256VLF Datasheet |
| MC56F8256VLF Stock         | Buy MC56F8256VLF                | Buy MC56F8256VLF       |
| MC56F8256VLF               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                                                                         |                                                                                      |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC56F82726VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 26750 pcs<br> |  | <b>MC56F82723VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 16188 pcs<br>  |
|  | <b>MC56F8257VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 8783 pcs<br>   |  | <b>MC56F82723VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br>In stock: 14656 pcs<br> |
|  | <b>MC56F8247VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br>In stock: 10667 pcs<br>  |  | <b>MC56F8257MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 10082 pcs<br>  |
|  | <b>MC56F8247VLHR</b><br>Manufacturers: NXP<br>Description: 16-BIT DSC 56800E CORE 48KB FL<br>In stock: 17698 pcs<br> |  | <b>MC56F8255VLD</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 44LQFP<br>In stock: 9864 pcs<br>   |
|  | <b>MC56F82726VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 15489 pcs<br> |  | <b>MC56F8255MLD</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 44LQFP<br>In stock: 14379 pcs<br>  |
|  | <b>MC56F8246VLF</b><br>Manufacturers: NXP<br>Description: 16-BIT DSC 56800E CORE 48KB FL<br>In stock: 21289 pcs<br>  |  | <b>MC56F8247MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br>In stock: 9210 pcs<br>   |