

NXP Semiconductors / Freescale

MC56F84587VLL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F84587VLL                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9520 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

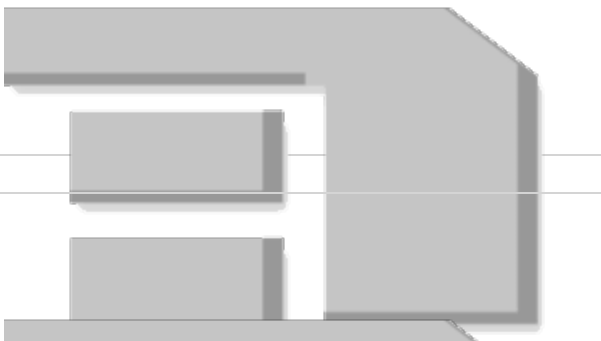
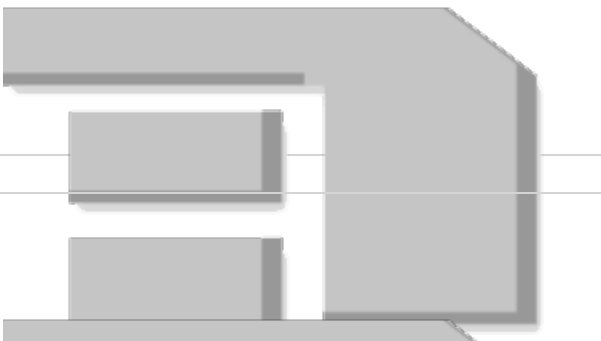
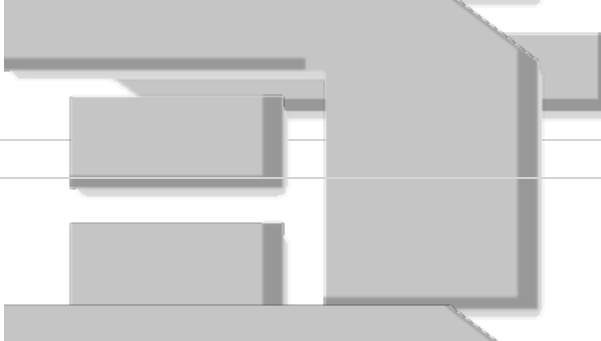
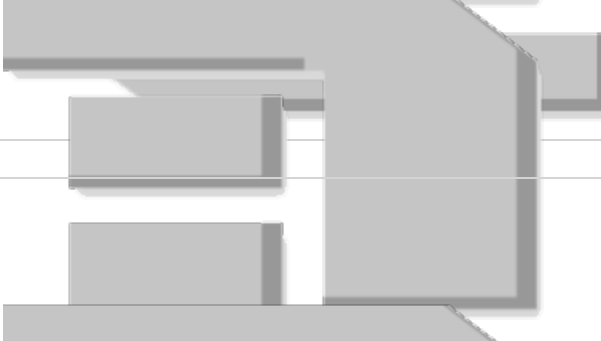
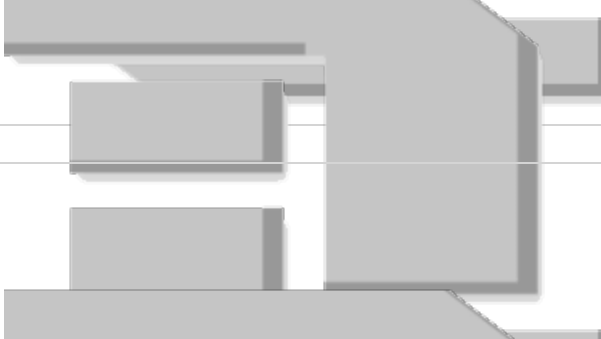
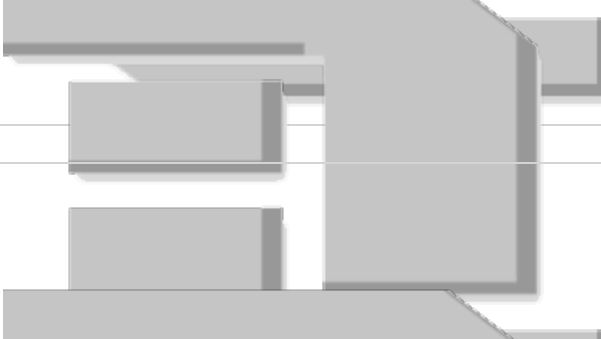
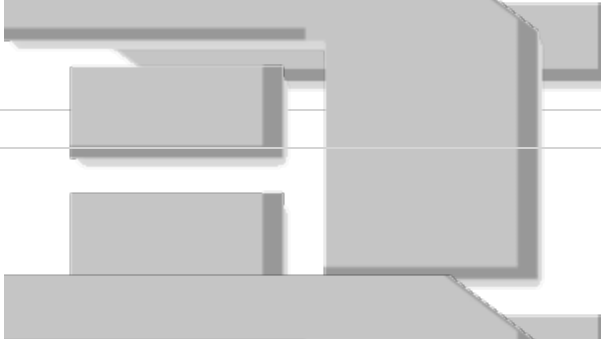
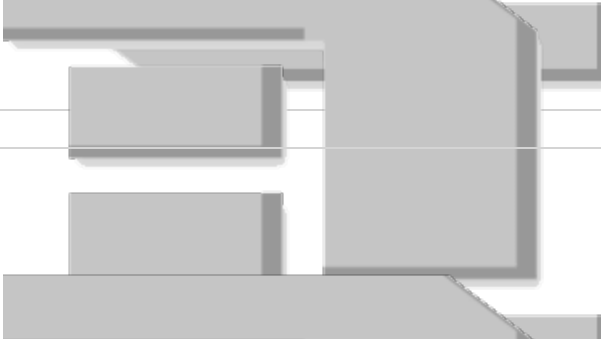
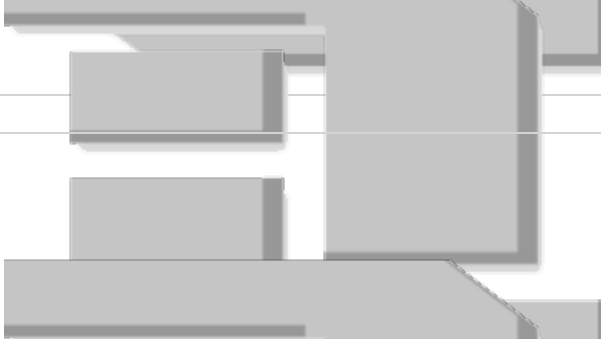
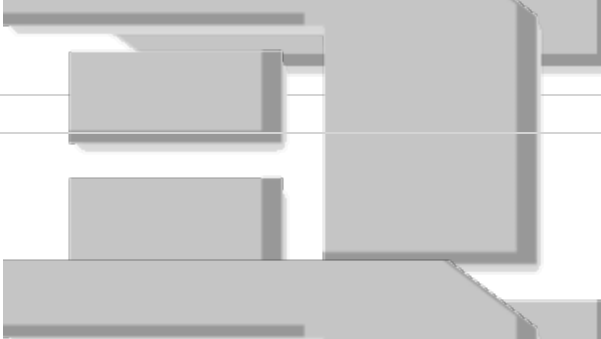
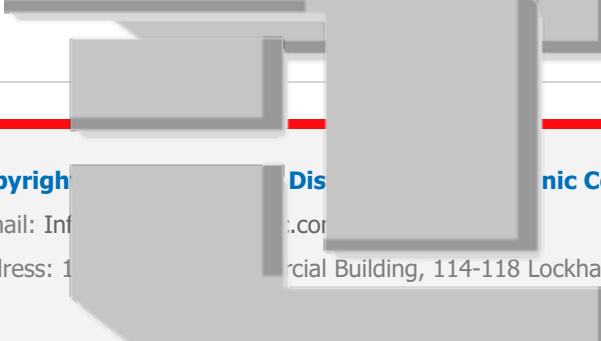
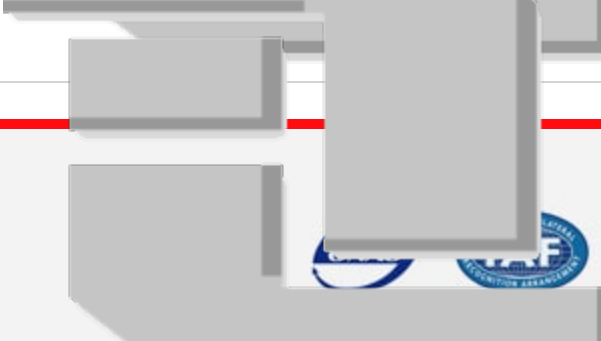
Specifications of MC56F84587VLL

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F84587VLL                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 9520 pcs                                                                                |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                        |
| SPEED                            | 80MHz                                                                                   |
| SERIES                           | 56F8xxx                                                                                 |
| RAM SIZE                         | 32K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT                                         |
| PACKAGING                        | Tray                                                                                    |
| PACKAGE / CASE                   | 100-LQFP                                                                                |
| OTHER NAMES                      | 935319898557                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                      |
| NUMBER OF I/O                    | 86                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | 2K x 8                                                                                  |
| DETAILED DESCRIPTION             | 56800EX 56F8xxx Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b, 16x16b, D/A 1x12b                                                           |
| CORE SIZE                        | 32-Bit                                                                                  |
| CORE PROCESSOR                   | 56800EX                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                           |
| BASE PART NUMBER                 | MC56F845                                                                                |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F84587VLL               | MC56F84587VLL Distributor        | MC56F84587VLL Supplier  |
| MC56F84587VLL Price         | MC56F84587VLL Pictures           | MC56F84587VLL Image     |
| MC56F84587VLL PDF Datasheet | MC56F84587VLL Download Datasheet | MC56F84587VLL Datasheet |
| MC56F84587VLL Stock         | Buy MC56F84587VLL                | Buy MC56F84587VLL       |
| MC56F84587VLL               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC56F84553VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br>In stock: 12001 pcs<br>  |  | <b>MC56F84763VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 8703 pcs<br>   |
|  | <b>MC56F84565VLK</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 11854 pcs<br> |  | <b>MC56F84766VLK</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 8155 pcs<br>   |
|  | <b>MC56F84567VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 9301 pcs<br> |  | <b>MC56F84550VLFR</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br>In stock: 14943 pcs<br>  |
|  | <b>MC56F84786VLK</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 6171 pcs<br>  |  | <b>MC56F84763VLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 13287 pcs<br> |
|  | <b>MC56F84769VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 8582 pcs<br> |  | <b>MC56F84565VLKR</b><br>Manufacturers: NXP<br>Description: 32-BIT DSC 56800EX CORE 128KB<br>In stock: 16375 pcs<br>   |
|  | <b>MC56F84766VLKR</b><br>Manufacturers: NXP<br>Description: 32-BIT DSC 56800EX CORE 128KB<br>In stock: 11197 pcs<br>  |  | <b>MC56F84585VLK</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 6357 pcs<br>   |