

NXP Semiconductors / Freescale

MC56F8365VFGE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F8365VFGE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 512KB FLASH 128LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2815 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

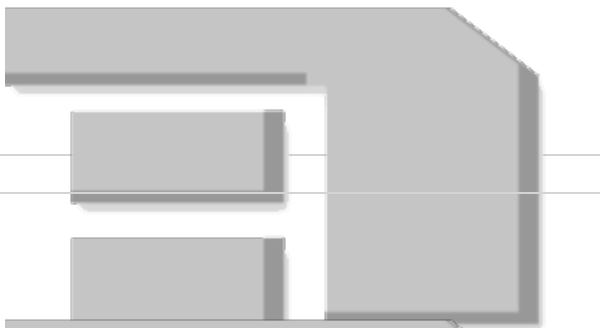
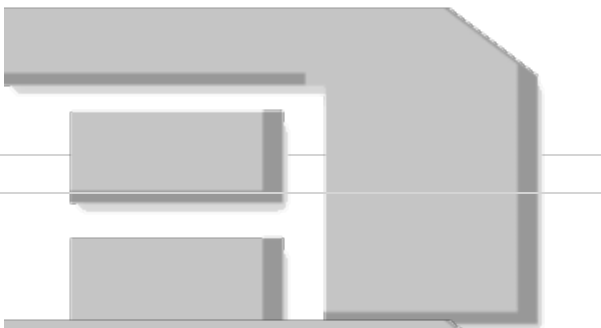
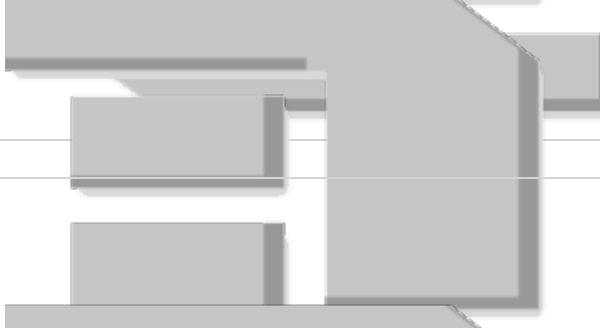
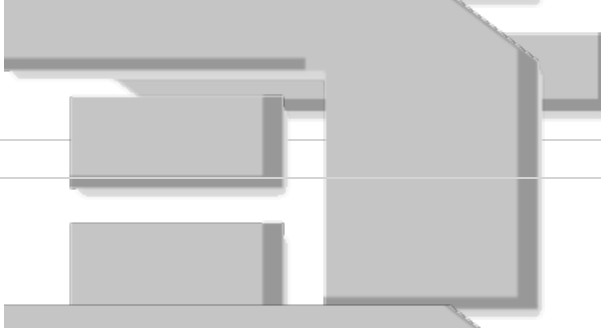
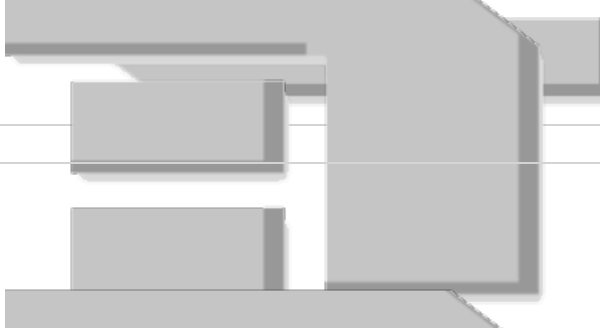
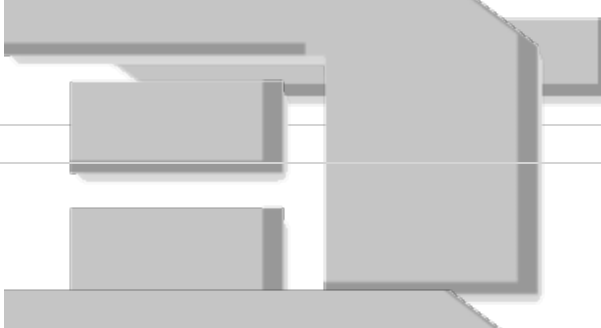
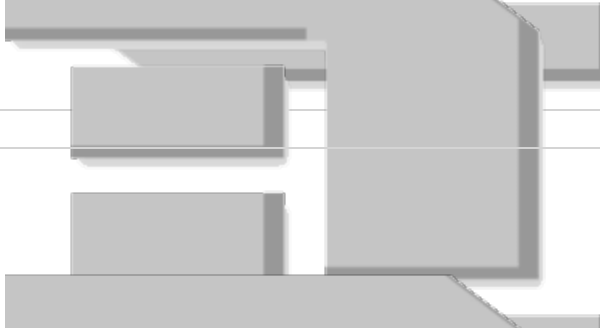
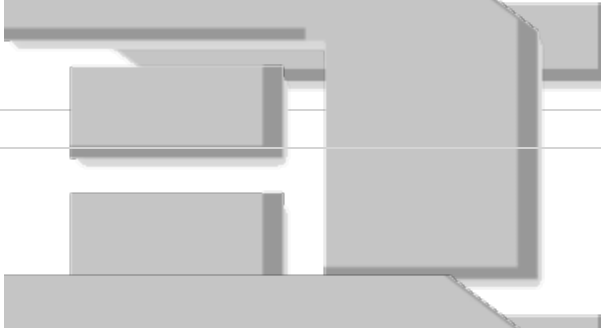
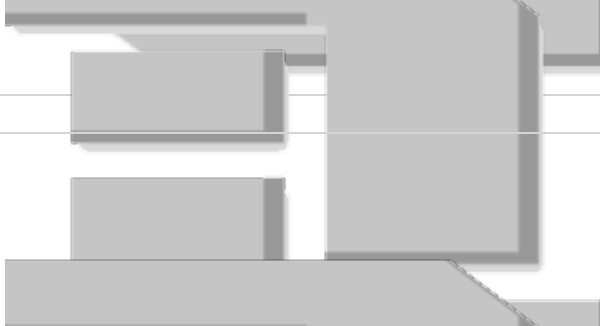
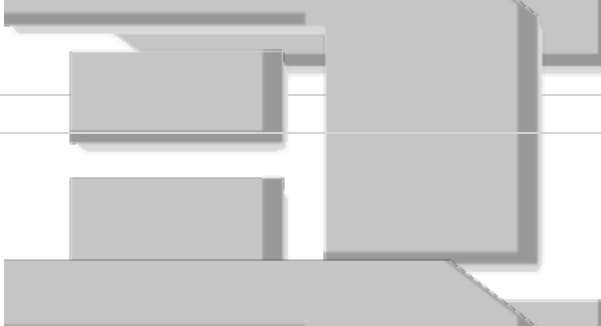
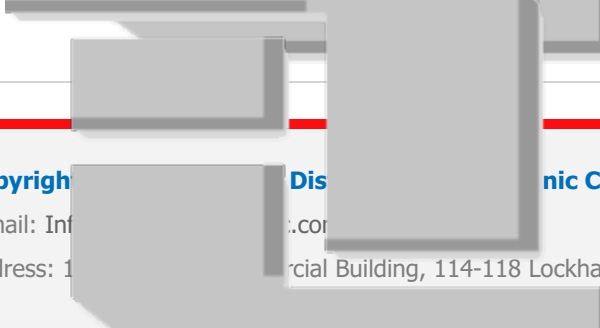
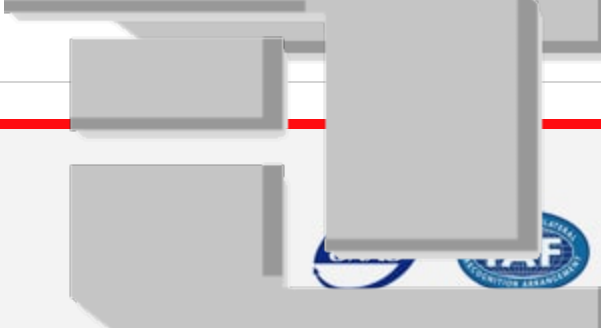
Specifications of MC56F8365VFGE

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F8365VFGE                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                          |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 128LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 2815 pcs                                                                                |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 3.6 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 128-LQFP (14x20)                                                                        |
| SPEED                            | 60MHz                                                                                   |
| SERIES                           | 56F8xxx                                                                                 |
| RAM SIZE                         | 18K x 16                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 512KB (256K x 16)                                                                       |
| PERIPHERALS                      | POR, PWM, Temp Sensor, WDT                                                              |
| PACKAGING                        | Tray                                                                                    |
| PACKAGE / CASE                   | 128-LQFP                                                                                |
| OTHER NAMES                      | 935313462557                                                                            |
| OSCILLATOR TYPE                  | External                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                      |
| NUMBER OF I/O                    | 49                                                                                      |
| 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 512KB (256K x 16) FLASH 128-LQFP (14x20) |
| DATA CONVERTERS                  | A/D 16x12b                                                                              |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | 56800E                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI                                                               |
| BASE PART NUMBER                 | MC56F8365                                                                               |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F8365VFGE               | MC56F8365VFGE Distributor        | MC56F8365VFGE Supplier  |
| MC56F8365VFGE Price         | MC56F8365VFGE Pictures           | MC56F8365VFGE Image     |
| MC56F8365VFGE PDF Datasheet | MC56F8365VFGE Download Datasheet | MC56F8365VFGE Datasheet |
| MC56F8365VFGE Stock         | Buy MC56F8365VFGE                | Buy MC56F8365VFGE       |
| MC56F8365VFGE               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC56F8367EVME</b><br>Manufacturers: NXP<br>Description: EVAL BOARD FOR MC56F83X<br>In stock: 261 pcs<br><b>RFQ</b>           |  | <b>MC56F8356VFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 3263 pcs<br><b>RFQ</b> |
|  | <b>MC56F8365MFGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 128LQFP<br>In stock: 2293 pcs<br><b>RFQ</b> |  | <b>MC56F8357VVFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 160BGA<br>In stock: 6522 pcs<br><b>RFQ</b> |
|  | <b>MC56F8367VPYE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 160LQFP<br>In stock: 2140 pcs<br><b>RFQ</b> |  | <b>MC56F8357VPYE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 160LQFP<br>In stock: 2906 pcs<br><b>RFQ</b> |
|  | <b>MC56F8357MPYE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 160LQFP<br>In stock: 3285 pcs<br><b>RFQ</b> |  | <b>MC56F8366MFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>In stock: 2109 pcs<br><b>RFQ</b> |
|  | <b>MC56F8367MPYE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 160LQFP<br>In stock: 1933 pcs<br><b>RFQ</b> |  | <b>MC56F8357EVM</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION FOR MC56F8357<br>In stock: 5247 pcs<br><b>RFQ</b>      |
|  | <b>MC56F8366VFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>In stock: 2313 pcs<br><b>RFQ</b> |  | <b>MC56F8367EVM</b><br>Manufacturers: NXP<br>Description: BOARD EVALUATION MC56F8367<br>In stock: 5296 pcs<br><b>RFQ</b>        |