

NXP Semiconductors / Freescale

MC56F8123VFBE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F8123VFBE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8870 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

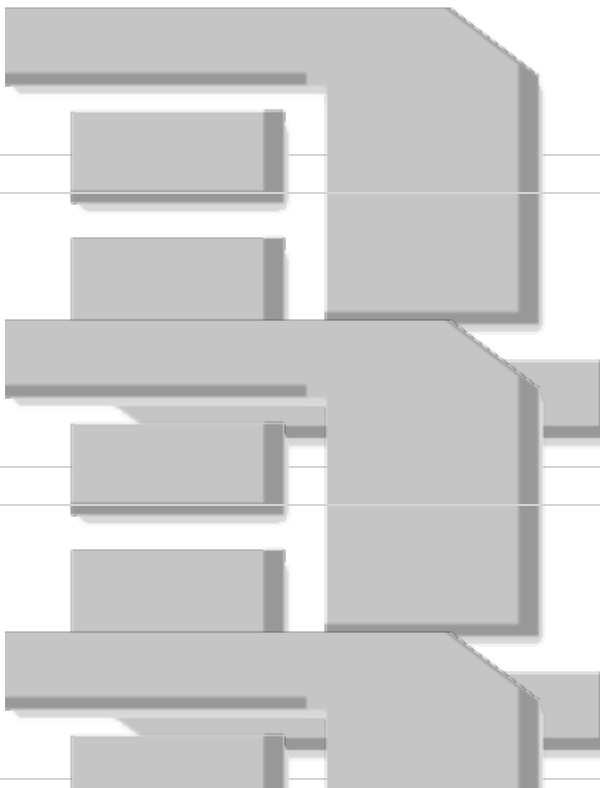
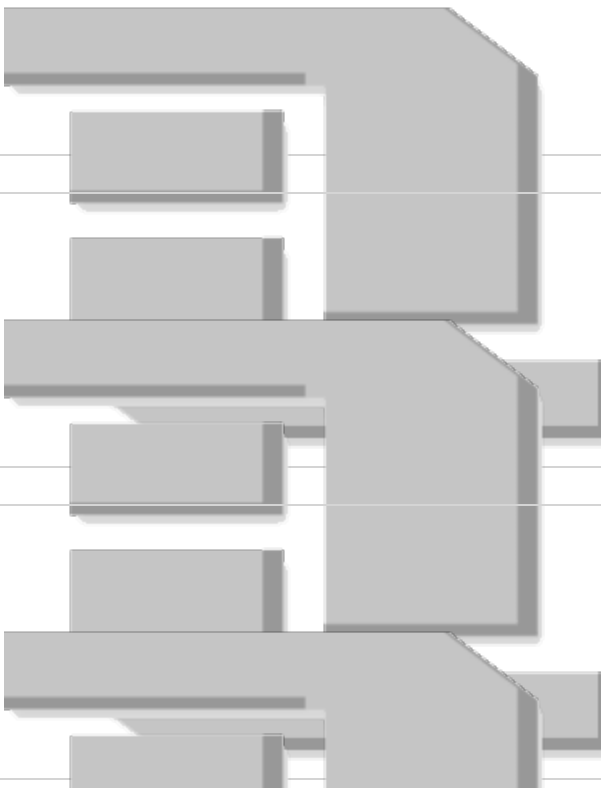
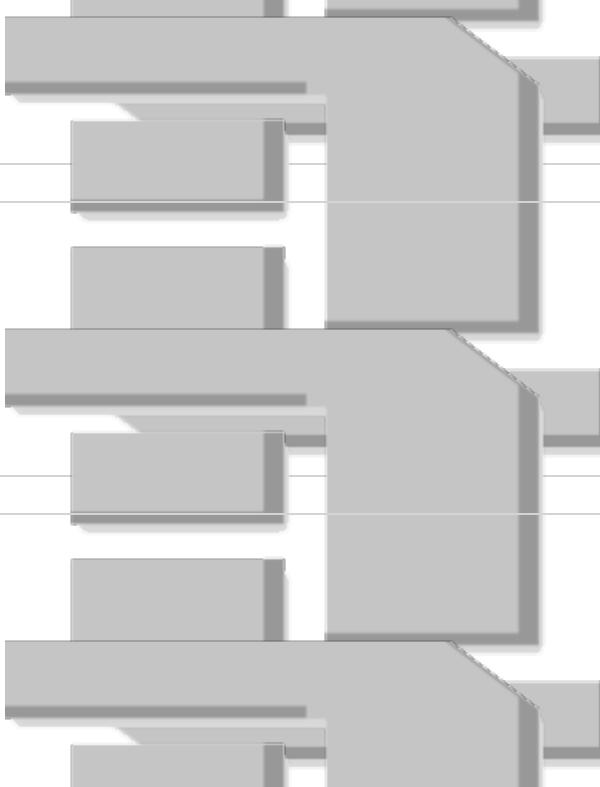
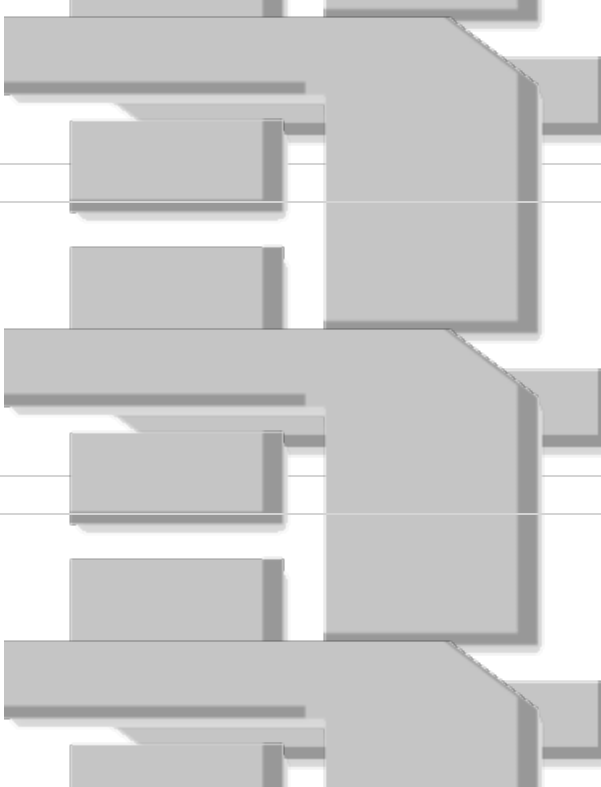
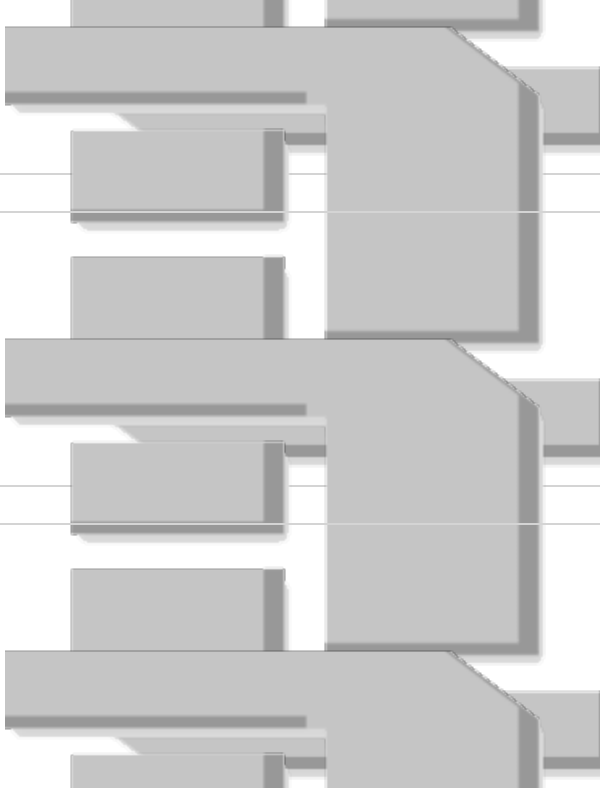
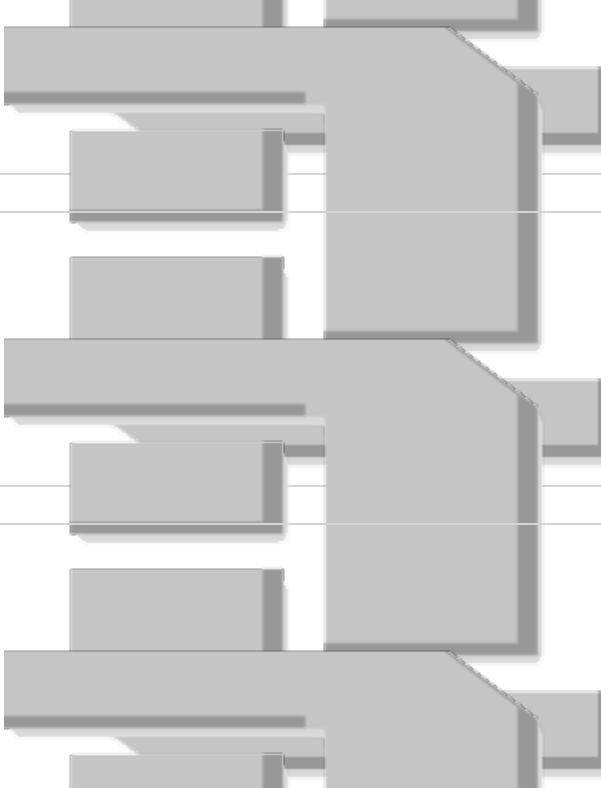
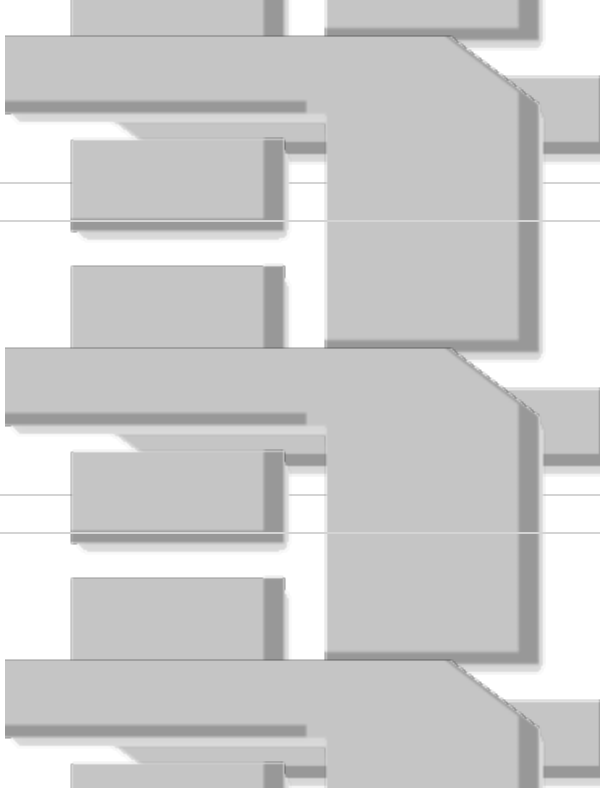
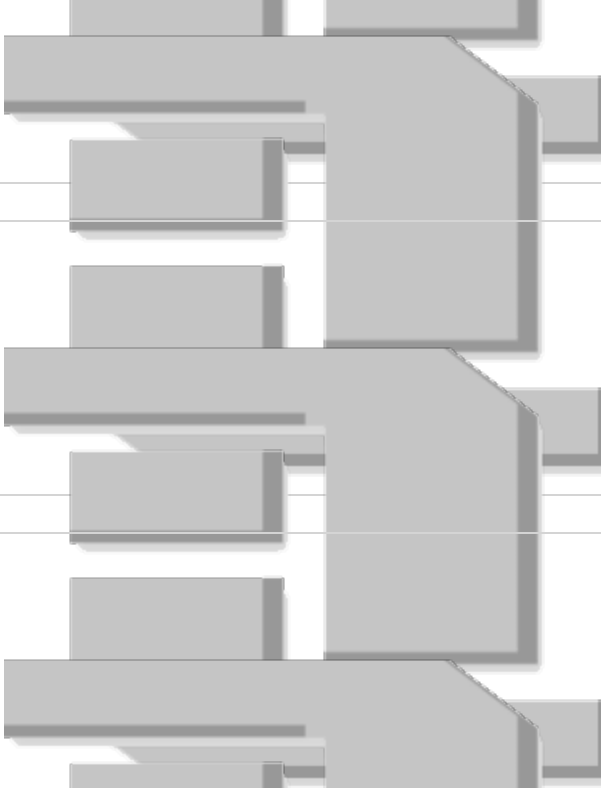
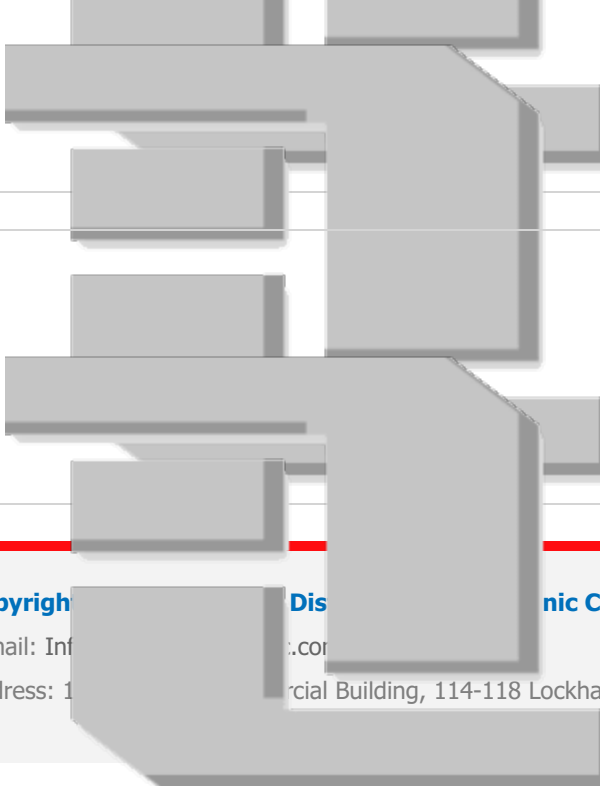
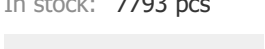
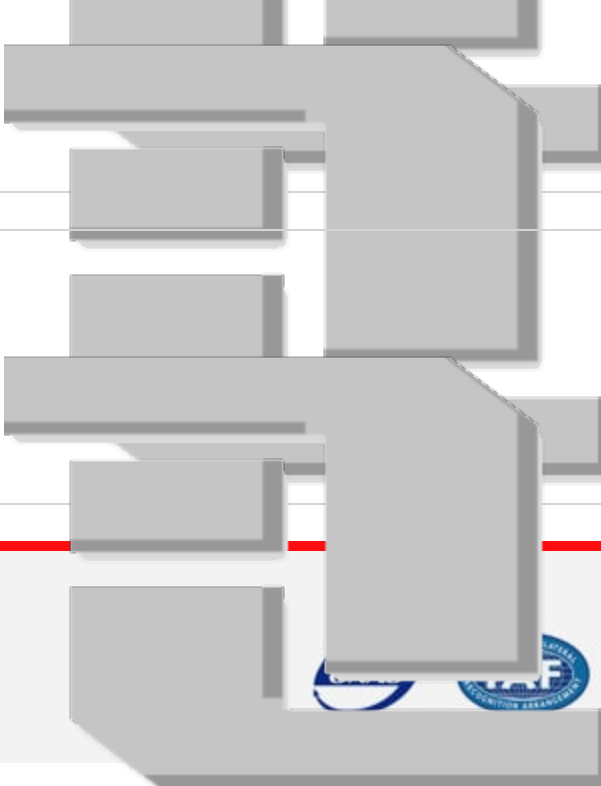
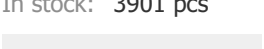
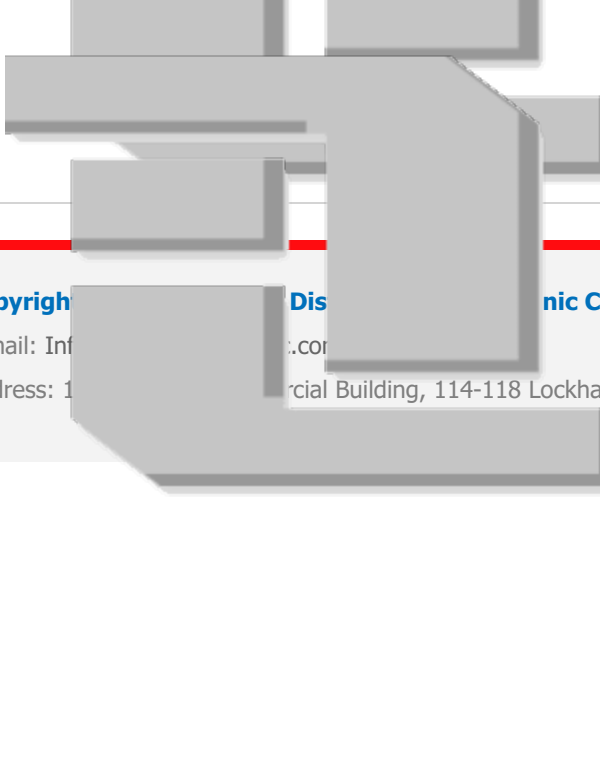
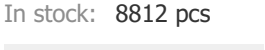
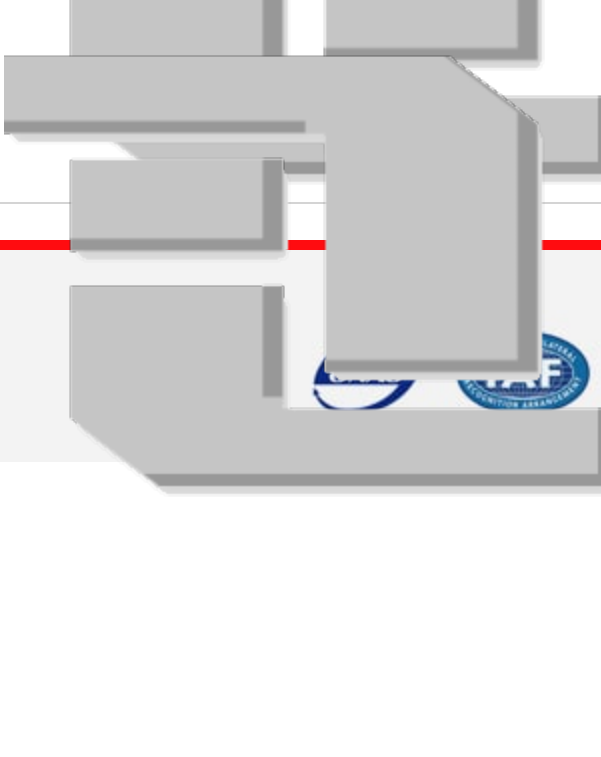
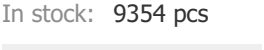
Specifications of MC56F8123VFBE

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F8123VFBE                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 64LQFP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 8870 pcs                                                                             |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 3.6 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                      |
| SPEED                            | 40MHz                                                                                |
| SERIES                           | 56F8xxx                                                                              |
| RAM SIZE                         | 8K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                      |
| PERIPHERALS                      | POR, WDT                                                                             |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 64-LQFP                                                                              |
| OTHER NAMES                      | 935313443557                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                   |
| NUMBER OF I/O                    | 27                                                                                   |
| 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 40MHz 32KB (16K x 16) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | 56800E                                                                               |
| CONNECTIVITY                     | SCI, SPI                                                                             |
| BASE PART NUMBER                 | MC56F8123                                                                            |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F8123VFBE               | MC56F8123VFBE Distributor        | MC56F8123VFBE Supplier  |
| MC56F8123VFBE Price         | MC56F8123VFBE Pictures           | MC56F8123VFBE Image     |
| MC56F8123VFBE PDF Datasheet | MC56F8123VFBE Download Datasheet | MC56F8123VFBE Datasheet |
| MC56F8123VFBE Stock         | Buy MC56F8123VFBE                | Buy MC56F8123VFBE       |
| MC56F8123VFBE               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC56F8146VFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 144LQFP<br>In stock: 6381 pcs<br> |  | <b>MC56F8155VFGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 128LQFP<br>In stock: 6186 pcs<br> |
|  | <b>MC56F8037EVM</b><br>Manufacturers: NXP<br>Description: BOARD EVAL FOR MC56F8037<br>In stock: 6288 pcs<br>          |  | <b>MC56F8145VFGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 128LQFP<br>In stock: 6399 pcs<br> |
|  | <b>MC56F8037VLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 14625 pcs<br>  |  | <b>MC56F8122VFAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 13573 pcs<br>  |
|  | <b>MC56F8147VPYE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 160LQFP<br>In stock: 6540 pcs<br> |  | <b>MC56F8135VFGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 128LQFP<br>In stock: 7461 pcs<br>  |
|  | <b>MC56F8037MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 7793 pcs<br>    |  | <b>MC56F8147VVFE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 160BGA<br>In stock: 3901 pcs<br>  |
|  | <b>MC56F8036VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br>In stock: 8812 pcs<br>    |  | <b>MC56F8037VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 9354 pcs<br>    |

