

NXP Semiconductors / Freescale

MC56F8027VLHR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F8027VLHR                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13864 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC56F8027VLHR

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F8027VLHR                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 64LQFP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 13864 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                      |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | 56F8xxx                                                                              |
| RAM SIZE                         | 2K x 16                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                      |
| PERIPHERALS                      | POR, PWM, WDT                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                              |
| OTHER NAMES                      | 935314082528                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                   |
| NUMBER OF I/O                    | 53                                                                                   |
| 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 32MHz 32KB (16K x 16) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 16x12b; D/A 2x12b                                                                |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | 56800E                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SCI, SPI                                                   |
| BASE PART NUMBER                 | MC56F8027                                                                            |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F8027VLHR               | MC56F8027VLHR Distributor        | MC56F8027VLHR Supplier  |
| MC56F8027VLHR Price         | MC56F8027VLHR Pictures           | MC56F8027VLHR Image     |
| MC56F8027VLHR PDF Datasheet | MC56F8027VLHR Download Datasheet | MC56F8027VLHR Datasheet |
| MC56F8027VLHR Stock         | Buy MC56F8027VLHR                | Buy MC56F8027VLHR       |
| MC56F8027VLHR               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                          |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MC56F8023VLCR</b></p> <p>Manufacturers: NXP<br/>Description: 16-BIT DSC 56800E CORE 32KB FL<br/>In stock: 20620 pcs</p> <p>RFQ</p> |  | <p><b>MC56F8025VLD</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 44LQFP<br/>In stock: 10494 pcs</p> <p>RFQ</p> |
|  | <p><b>MC56F8027VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 13742 pcs</p> <p>RFQ</p>  |  | <p><b>MC56F8025VLD</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 44LQFP<br/>In stock: 13980 pcs</p> <p>RFQ</p> |
|  | <p><b>MC56F8036VLF</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 8812 pcs</p> <p>RFQ</p>   |  | <p><b>MC56F8035VLD</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 44LQFP<br/>In stock: 9284 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC56F8037MLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 7793 pcs</p> <p>RFQ</p>   |  | <p><b>MC56F8035VLD</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 44LQFP<br/>In stock: 14784 pcs</p> <p>RFQ</p> |
|  | <p><b>MC56F8037EVM</b></p> <p>Manufacturers: NXP<br/>Description: BOARD EVAL FOR MC56F8037<br/>In stock: 6288 pcs</p> <p>RFQ</p>         |  | <p><b>MC56F8025MLD</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 44LQFP<br/>In stock: 4193 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC56F8023VLC</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 10921 pcs</p> <p>RFQ</p>  |  | <p><b>MC56F8033VLC</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 32LQFP<br/>In stock: 12176 pcs</p> <p>RFQ</p> |