

NXP Semiconductors / Freescale

MC56F82733VFM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC56F82733VFM                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 48KB FLASH 32QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23132 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC56F82733VFM

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MC56F82733VFM                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 32BIT 48KB FLASH 32QFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 23132 pcs                                                                           |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                        |
| SPEED                            | 100MHz                                                                              |
| SERIES                           | 56F8xxx                                                                             |
| RAM SIZE                         | 4K x 16                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 48KB (24K x 16)                                                                     |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                |
| OTHER NAMES                      | 935325779557                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                  |
| NUMBER OF I/O                    | 26                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | -                                                                                   |
| DETAILED DESCRIPTION             | 56800EX 56F8xxx Microcontroller IC 32-Bit 100MHz 48KB (24K x 16) FLASH 32-QFN (5x5) |
| DATA CONVERTERS                  | A/D 6x12b; D/A 2x12b                                                                |
| CORE SIZE                        | 32-Bit                                                                              |
| CORE PROCESSOR                   | 56800EX                                                                             |
| CONNECTIVITY                     | I <sup>2</sup> C, SCI, SPI                                                          |
| BASE PART NUMBER                 | MC56F82733                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F82733VFM               | MC56F82733VFM Distributor        | MC56F82733VFM Supplier  |
| MC56F82733VFM Price         | MC56F82733VFM Pictures           | MC56F82733VFM Image     |
| MC56F82733VFM PDF Datasheet | MC56F82733VFM Download Datasheet | MC56F82733VFM Datasheet |
| MC56F82733VFM Stock         | Buy MC56F82733VFM                | Buy MC56F82733VFM       |
| MC56F82733VFM               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC56F82728VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br>In stock: 21369 pcs<br><b>RFQ</b> |  | <b>MC56F82743VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32LQFP<br>In stock: 14292 pcs<br><b>RFQ</b> |
|  | <b>MC56F82736VLF</b><br>Manufacturers: NXP<br>Description: 32-BIT DSC 56800EX CORE 48KB F<br>In stock: 28011 pcs<br><b>RFQ</b> |  | <b>MC56F82736VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 48KB FLASH 48LQFP<br>In stock: 25651 pcs<br><b>RFQ</b> |
|  | <b>MC56F82723VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 16188 pcs<br><b>RFQ</b>  |  | <b>MC56F82743VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32QFN<br>In stock: 15318 pcs<br><b>RFQ</b>  |
|  | <b>MC56F82733VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 48KB FLASH 32LQFP<br>In stock: 20843 pcs<br><b>RFQ</b> |  | <b>MC56F82738VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 48KB FLASH 64LQFP<br>In stock: 18050 pcs<br><b>RFQ</b> |
|  | <b>MC56F82726VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 26750 pcs<br><b>RFQ</b> |  | <b>MC56F82726VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 15489 pcs<br><b>RFQ</b> |
|  | <b>MC56F82723VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br>In stock: 14656 pcs<br><b>RFQ</b> |  | <b>MC56F82733MFM</b><br>Manufacturers: NXP<br>Description: 32-BIT DSC 56800EX CORE 48KB F<br>In stock: 22499 pcs<br><b>RFQ</b> |