



Image may be representation. See specifications for product details.

PCF51QM64VLF

|                     |                                      |
|---------------------|--------------------------------------|
| Part Number:        | PCF51QM64VLF                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale       |
| Product description | IC MCU 32BIT 64KB FLASH 48LQFP       |
| Datasheets:         | <a href="#">PDF</a> PCF51QM64VLF.pdf |
| RoHs Status         | Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                |

REQUEST FOR QUOTATION

Specifications of PCF51QM64VLF

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF51QM64VLF                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                         |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 48LQFP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       | <a href="#">PDF</a> PCF51QM64VLF.pdf                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                          |
| SPEED                            | 50MHz                                                                                  |
| SERIES                           | MCF51Qx                                                                                |
| RAM SIZE                         | 16K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                  |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM                                                                     |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 48-LQFP                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                     |
| NUMBER OF I/O                    | 35                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| EEPROM SIZE                      | -                                                                                      |
| DETAILED DESCRIPTION             | Coldfire V1 MCF51Qx Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 14x16b, D/A 1x12b                                                                  |
| CORE SIZE                        | 32-Bit                                                                                 |
| CORE PROCESSOR                   | Coldfire V1                                                                            |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                          |
| BASE PART NUMBER                 | PCF51QM64                                                                              |

Related Tags

|                                             |                                         |                                                 |
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| NXP Semiconductors / Freescale PCF51QM64VLF | PCF51QM64VLF Distributor                | PCF51QM64VLF Supplier                           |
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| NXP Semiconductors / Freescale PCF51QM64VLF | NXP Semiconductors PCF51QM64VLF         | Freescale PCF51QM64VLF                          |
| Freescale Semiconductor - NXP PCF51QM64VLF  | NXP USA Inc. PCF51QM64VLF               |                                                 |

Related Products

|                                                                                                                                                                    |                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>PCF51QU128VHS</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>PCF51QM128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>PCF52252CAF66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>PCF51QM32VFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: Out stock</p> <p>RFQ</p>    |
| <p><b>PCF52252AF80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>PCF51QU128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>PCF51QU64VLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>PCF51JM64VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>   |
| <p><b>PCF51QM128VHS</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>PCF52254AF80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>PCF51JU128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>PCF51JU128VHS</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: Out stock</p> <p>RFQ</p>  |