

NXP Semiconductors / Freescale

PCF51QU64VLF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCF51QU64VLF                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4512 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PCF51QU64VLF

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF51QU64VLF                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                         |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 48LQFP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| QUANTITY AVAILABLE               | 4512 pcs                                                                               |
| DATA SHEET                       |                                                                                        |
| 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 13x12b, D/A 1x12b                                                                  |
| CORE SIZE                        | 32-Bit                                                                                 |
| CORE PROCESSOR                   | Coldfire V1                                                                            |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                          |
| BASE PART NUMBER                 | PCF51QU64                                                                              |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| PCF51QU64VLF               | PCF51QU64VLF Distributor        | PCF51QU64VLF Supplier  |
| PCF51QU64VLF Price         | PCF51QU64VLF Pictures           | PCF51QU64VLF Image     |
| PCF51QU64VLF PDF Datasheet | PCF51QU64VLF Download Datasheet | PCF51QU64VLF Datasheet |
| PCF51QU64VLF Stock         | Buy PCF51QU64VLF                | Buy PCF51QU64VLF       |
| PCF51QU64VLF               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>PCF52252CAF66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 5684 pcs<br><b>RFQ</b> |  | <b>PCF52255CAF80</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 6229 pcs<br><b>RFQ</b> |
|  | <b>PCF51QM128VHS</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 44LGA<br>In stock: 3514 pcs<br><b>RFQ</b>   |  | <b>PCF52254AF80</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 2908 pcs<br><b>RFQ</b>  |
|  | <b>PCF52254CAF66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 6468 pcs<br><b>RFQ</b> |  | <b>PCF52252AF80</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 5205 pcs<br><b>RFQ</b>  |
|  | <b>PCF51QU128VHS</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 44LGA<br>In stock: 4087 pcs<br><b>RFQ</b>   |  | <b>PCF51QM64VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br>In stock: 4113 pcs<br><b>RFQ</b>    |
|  | <b>PCF51QM128VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 6198 pcs<br><b>RFQ</b>  |  | <b>PCF51QM32VFM</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 2975 pcs<br><b>RFQ</b>     |
|  | <b>PCF52256CAG66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br>In stock: 4257 pcs<br><b>RFQ</b> |  | <b>PCF51QU128VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 3179 pcs<br><b>RFQ</b>  |