

NXP Semiconductors / Freescale

PCF51QU128VHS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCF51QU128VHS                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 128KB FLASH 44LGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4087 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PCF51QU128VHS

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF51QU128VHS                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 44LGA                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| QUANTITY AVAILABLE               | 4087 pcs                                                                                   |
| DATA SHEET                       |                                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 44-MAPLGA (5x5)                                                                            |
| SPEED                            | 50MHz                                                                                      |
| SERIES                           | MCF51Qx                                                                                    |
| RAM SIZE                         | 32K x 8                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                      |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM                                                                         |
| PACKAGING                        | Tray                                                                                       |
| PACKAGE / CASE                   | 44-VFLGA Exposed Pad                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                         |
| NUMBER OF I/O                    | 31                                                                                         |
| 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 128KB (128K x 8) FLASH 44-MAPLGA (5x5) |
| DATA CONVERTERS                  | A/D 11x12b, D/A 1x12b                                                                      |
| CORE SIZE                        | 32-Bit                                                                                     |
| CORE PROCESSOR                   | Coldfire V1                                                                                |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                              |
| BASE PART NUMBER                 | PCF51QU128                                                                                 |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| PCF51QU128VHS               | PCF51QU128VHS Distributor        | PCF51QU128VHS Supplier  |
| PCF51QU128VHS Price         | PCF51QU128VHS Pictures           | PCF51QU128VHS Image     |
| PCF51QU128VHS PDF Datasheet | PCF51QU128VHS Download Datasheet | PCF51QU128VHS Datasheet |
| PCF51QU128VHS Stock         | Buy PCF51QU128VHS                | Buy PCF51QU128VHS       |
| PCF51QU128VHS               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                           |                                                                                      |                                                                                                                                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>PCF51JU128VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 3335 pcs</p> <p>RFQ</p>  |  | <p><b>PCF51QM128VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 6198 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51JU128VHS</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: 5282 pcs</p> <p>RFQ</p>   |  | <p><b>PCF52252AF80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5205 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF52254CAF66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 6468 pcs</p> <p>RFQ</p> |  | <p><b>PCF51QM64VLF</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 4113 pcs</p> <p>RFQ</p>   |
|  | <p><b>PCF52252CAF66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5684 pcs</p> <p>RFQ</p> |  | <p><b>PCF52254AF80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 2908 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51QU64VLF</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 4512 pcs</p> <p>RFQ</p>    |  | <p><b>PCF51QU128VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 3179 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51QM32VFM</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 2975 pcs</p> <p>RFQ</p>     |  | <p><b>PCF51QM128VHS</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: 3514 pcs</p> <p>RFQ</p>  |