



Image may be representation. See specifications for product details.

PCF51AC256BCLKE

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCF51AC256BCLKE                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MCU 32BIT 256KB FLASH 80LQFP                                                                                       |
| Datasheets:         |  <a href="#">PCF51AC256BCLKE.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

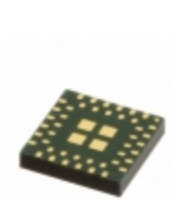
Specifications of PCF51AC256BCLKE

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF51AC256BCLKE                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 80LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">PCF51AC256BCLKE.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (14x14)                                                                                                         |
| SPEED                            | 50MHz                                                                                                                   |
| SERIES                           | MCF51AC                                                                                                                 |
| RAM SIZE                         | 32K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                        |
| PERIPHERALS                      | LVD, PWM, WDT                                                                                                           |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                 |
| OSCILLATOR TYPE                  | External                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 69                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | Coldfire V1 MCF51AC Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 80-LQFP (14x14)                              |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | Coldfire V1                                                                                                             |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                                           |
| BASE PART NUMBER                 | PCF51AC256                                                                                                              |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale PCF51AC256BCLKE | PCF51AC256BCLKE Distributor             | PCF51AC256BCLKE Supplier                           |
| PCF51AC256BCLKE Price                          | PCF51AC256BCLKE Pictures                | PCF51AC256BCLKE Image                              |
| PCF51AC256BCLKE PDF Datasheet                  | PCF51AC256BCLKE Download Datasheet      | PCF51AC256BCLKE Datasheet                          |
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| NXP Semiconductors / Freescale PCF51AC256BCLKE | NXP Semiconductors PCF51AC256BCLKE      | Freescale PCF51AC256BCLKE                          |
| Freescale Semiconductor - NXP PCF51AC256BCLKE  | NXP USA Inc. PCF51AC256BCLKE            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
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|  <div><b>PCF51JF128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>PCF51AC256ACLKE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PCF51AC256ACPUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PCF51JM128VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>PCF51AC128CCPUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PCF51JM128EVLK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PCF51JF128VHS</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PCF51JF64VLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>PCF51AC256BCPUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PCF51AC256BCFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PCF51AC128CCLKE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PCF51AC256ACFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |