

NXP Semiconductors / Freescale

PCF51AC256ACLKE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCF51AC256ACLKE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 80LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3051 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

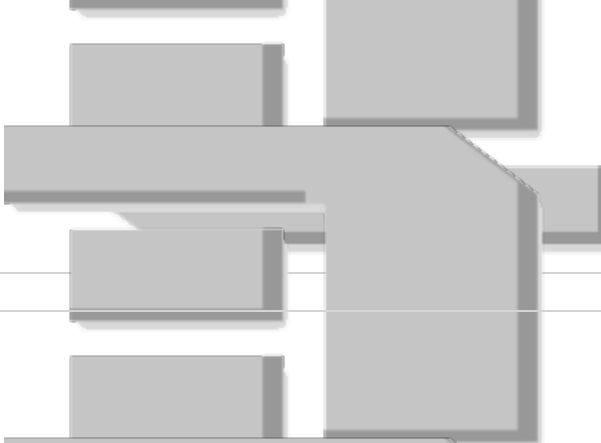
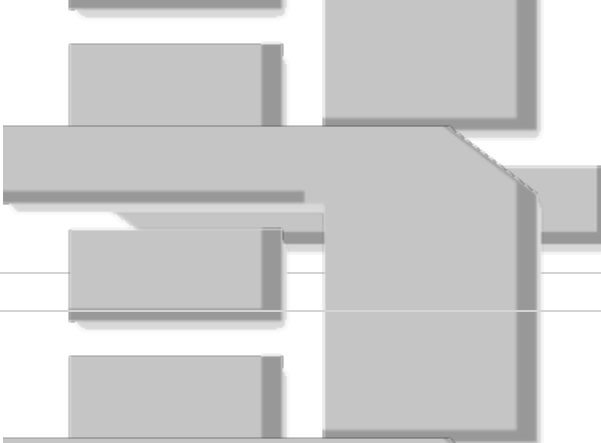
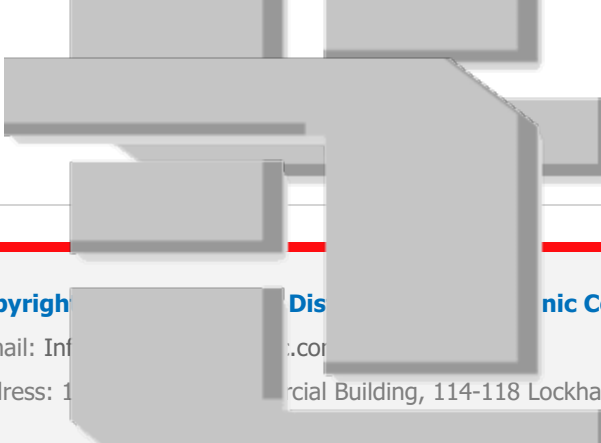
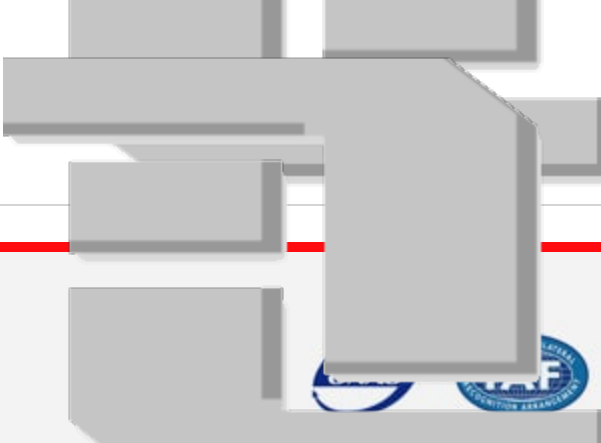
Specifications of PCF51AC256ACLKE

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF51AC256ACLKE                                                                            |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 80LQFP                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| QUANTITY AVAILABLE               | 3051 pcs                                                                                   |
| DATA SHEET                       |                                                                                            |
| 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                     | CANbus, I²C, SCI, SPI                                                                      |
| BASE PART NUMBER                 | PCF51AC256                                                                                 |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| PCF51AC256ACLKE               | PCF51AC256ACLKE Distributor        | PCF51AC256ACLKE Supplier  |
| PCF51AC256ACLKE Price         | PCF51AC256ACLKE Pictures           | PCF51AC256ACLKE Image     |
| PCF51AC256ACLKE PDF Datasheet | PCF51AC256ACLKE Download Datasheet | PCF51AC256ACLKE Datasheet |
| PCF51AC256ACLKE Stock         | Buy PCF51AC256ACLKE                | Buy PCF51AC256ACLKE       |
| PCF51AC256ACLKE               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                            |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>PCF51AC256ACFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 64QFP<br/>In stock: 6539 pcs</p> <p>RFQ</p>  |  | <p><b>PCF51AC256BCPUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 4768 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51AC128ACLKE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 7063 pcs</p> <p>RFQ</p> |  | <p><b>PCF51AC128ACPUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 3132 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51AC256BCLKE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 5813 pcs</p> <p>RFQ</p> |  | <p><b>PCF51AC128CCFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64QFP<br/>In stock: 6299 pcs</p> <p>RFQ</p>  |
|  | <p><b>PCF51AC128CCLKE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 6249 pcs</p> <p>RFQ</p> |  | <p><b>PCF51AC128CCPUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 4789 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF51JF128VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 3867 pcs</p> <p>RFQ</p>   |  | <p><b>PCF51JF128VHS</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 44LGA<br/>In stock: 6206 pcs</p> <p>RFQ</p>    |
|  | <p><b>PCF51AC256ACPUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 5209 pcs</p> <p>RFQ</p> |  | <p><b>PCF51AC256BCFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 64QFP<br/>In stock: 6790 pcs</p> <p>RFQ</p>  |