

NXP Semiconductors / Freescale

LPC2131FBD64/01,11

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC2131FBD64/01,11                                                                                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21281 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of LPC2131FBD64/01,11

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC2131FBD64/01,11                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 21281 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                       |
| SPEED                            | 60MHz                                                                                 |
| SERIES                           | LPC2100                                                                               |
| RAM SIZE                         | 8K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                               |
| OTHER NAMES                      | 935281771118                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 47                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | ARM7® LPC2100 Microcontroller IC 16/32-Bit 60MHz 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b; D/A 1x10b                                                                  |
| CORE SIZE                        | 16/32-Bit                                                                             |
| CORE PROCESSOR                   | ARM7®                                                                                 |
| CONNECTIVITY                     | I²C, Microwire, SPI, SSI, SSP, UART/USART                                             |
| BASE PART NUMBER                 | LPC2131                                                                               |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LPC2131FBD64/01,11               | LPC2131FBD64/01,11 Distributor        | LPC2131FBD64/01,11 Supplier  |
| LPC2131FBD64/01,11 Price         | LPC2131FBD64/01,11 Pictures           | LPC2131FBD64/01,11 Image     |
| LPC2131FBD64/01,11 PDF Datasheet | LPC2131FBD64/01,11 Download Datasheet | LPC2131FBD64/01,11 Datasheet |
| LPC2131FBD64/01,11 Stock         | Buy LPC2131FBD64/01,11                | Buy LPC2131FBD64/01,11       |
| LPC2131FBD64/01,11               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>LPC2124FBD64,151</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 64LQFP</div> <div>In stock: 6499 pcs</div> <div>RFQ</div>                                                                                                                                                                              | <div>LPC2132FHN64/01,55</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 64KB FLASH 64HVQFN</div> <div>In stock: 2929 pcs</div>                                                                                                                                                               |
| <div>LPC2124FBD64/01,15</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 256KB FLASH 64LQFP</div> <div>In stock: 7708 pcs</div>                                                                                                                                                                | <div>LPC2131FBD64/01,15</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 32KB FLASH 64LQFP</div> <div>In stock: 11996 pcs</div> <div>LPC2131FBD64,151</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 32KB FLASH 64LQFP</div> <div>In stock: 4813 pcs</div> <div>RFQ</div> |
| <div>LPC2119FBD64/01,15</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 128KB FLASH 64LQFP</div> <div>In stock: 7934 pcs</div>                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                            |
| <div>LPC2132FBD64/01,11</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div> <div>In stock: 17272 pcs</div> <div>LPC2129FBD64,151</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 64LQFP</div> <div>In stock: 6189 pcs</div> <div>RFQ</div> | <div>LPC2129FBD64/01,15</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 256KB FLASH 64LQFP</div> <div>In stock: 5636 pcs</div> <div>LPC2132FBD64,151</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div> <div>In stock: 6642 pcs</div> <div>RFQ</div> |
| <div>LPC2132FBD64/01,15</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div> <div>In stock: 18765 pcs</div> <div>RFQ</div>                                                                                                                                                 | <div>LPC2132FHN64,557</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 64KB FLASH 64HVQFN</div> <div>In stock: 5124 pcs</div> <div>RFQ</div>                                                                                                                                                                             |