

NXP Semiconductors / Freescale

LPC1224FBD64/101,1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC1224FBD64/101,1                                                                                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31088 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

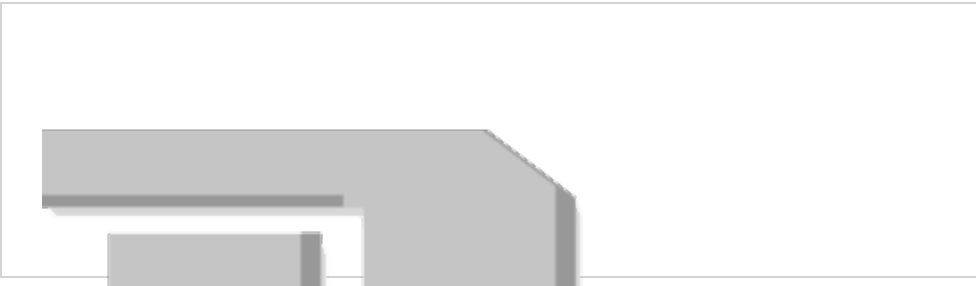
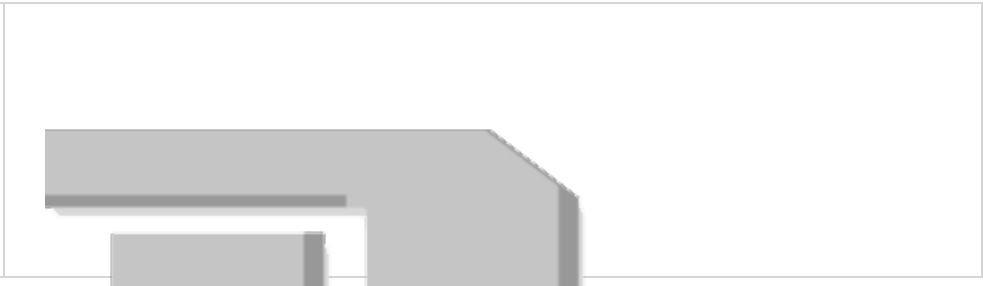
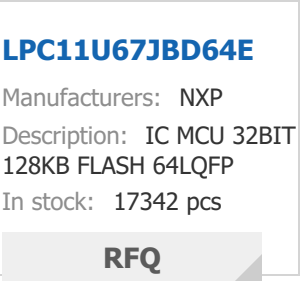
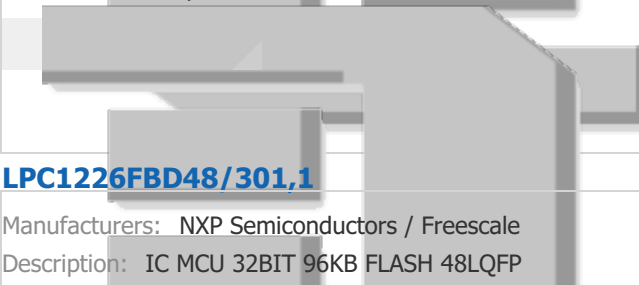
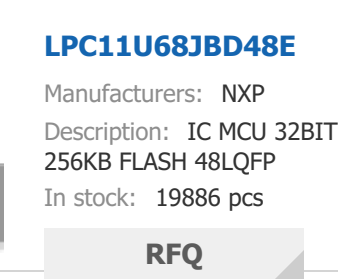
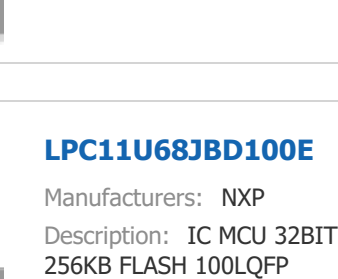
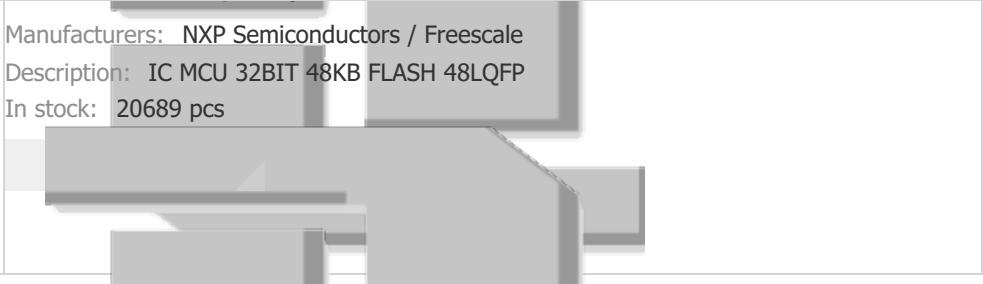
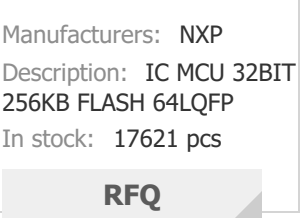
Specifications of LPC1224FBD64/101,1

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC1224FBD64/101,1                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                               |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 31088 pcs                                                                                    |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                              |
| SPEED                            | 45MHz                                                                                        |
| SERIES                           | LPC1200                                                                                      |
| RAM SIZE                         | 4K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, WDT                                                        |
| PACKAGING                        | Tray                                                                                         |
| PACKAGE / CASE                   | 64-LQFP                                                                                      |
| OTHER NAMES                      | 568-5155<br>935294968151<br>LPC1224FBD64/201<br>LPC1224FBD64/201,1                           |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 55                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| EEPROM SIZE                      | -                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 LPC1200 Microcontroller IC 32-Bit 45MHz 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                              |
| CONNECTIVITY                     | I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART                                              |
| BASE PART NUMBER                 | LPC1224                                                                                      |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LPC1224FBD64/101,1               | LPC1224FBD64/101,1 Distributor        | LPC1224FBD64/101,1 Supplier  |
| LPC1224FBD64/101,1 Price         | LPC1224FBD64/101,1 Pictures           | LPC1224FBD64/101,1 Image     |
| LPC1224FBD64/101,1 PDF Datasheet | LPC1224FBD64/101,1 Download Datasheet | LPC1224FBD64/101,1 Datasheet |
| LPC1224FBD64/101,1 Stock         | Buy LPC1224FBD64/101,1                | Buy LPC1224FBD64/101,1       |
| LPC1224FBD64/101,1               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>LPC1225FBD48/301,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 22127 pcs</p>            |  <p><b>LPC1224FBD48/101,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 27535 pcs</p>            |  <p><b>LPC11U67JBD64E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 17342 pcs</p> <p>RFQ</p>                   |
|  <p><b>LPC1226FBD48/301,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 22449 pcs</p>            |  <p><b>LPC11U68JBD48E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 19886 pcs</p> <p>RFQ</p>                                |  <p><b>LPC1224FBD48/121,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 48KB FLASH 48LQFP<br/>In stock: 20689 pcs</p> |
|  <p><b>LPC1225FBD48/321,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 80KB FLASH 48LQFP<br/>In stock: 19161 pcs</p>            |  <p><b>LPC11U68JBD100E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 12772 pcs</p> <p>RFQ</p>                              |  <p><b>LPC1224FBD64/121,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 48KB FLASH 64LQFP<br/>In stock: 16930 pcs</p> |
|  <p><b>LPC1225FBD64/301,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 19459 pcs</p> <p>RFQ</p> |  <p><b>LPC1225FBD64/321,1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 80KB FLASH 64LQFP<br/>In stock: 30045 pcs</p> <p>RFQ</p> |  <p><b>LPC11U68JBD64E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 17621 pcs</p> <p>RFQ</p>                   |