

LPC1114FBD48/303,1



Part Number: [LPC1114FBD48/303,1](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 48LQFP

Data sheet:  [LPC1110-15](#)  
 [LPC111x/LPC11Cxx Manual](#)

RoHs Status: Lead free / RoHS Compliant

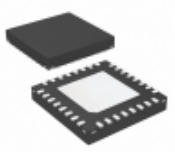
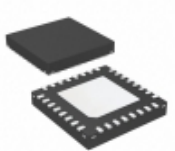
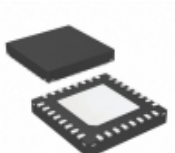
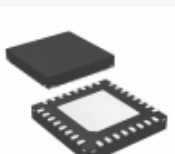
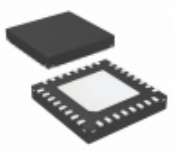
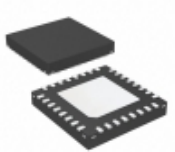
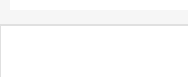
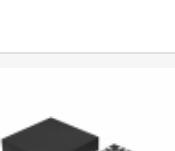
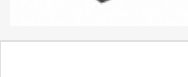
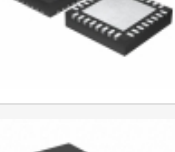
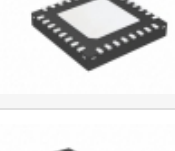
Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LPC1114FBD48/303,1                        | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 32KB FLASH 48LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 54047 pcs                                 | Data sheet                       | <a href="#">LPC1110-15</a><br><a href="#">LPC111x/LPC11Cxx Manual</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.8 V                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 48-LQFP (7x7)                             | Speed                            | 50MHz                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LPC1100L                                  | RAM Size                         | 8K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                     | Program Memory Size              | 32KB (32K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, POR, WDT          | Packaging                        | Tray                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 48-LQFP                                   | Other Names                      | 568-8575<br>935295624151                                                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Detailed Description             | ARM® Cortex®-M0 LPC1100L Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 8x10b                                 | Core Size                        | 32-Bit                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ARM® Cortex®-M0                           | Connectivity                     | I²C, SPI, UART/USART                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LPC1114                                   |                                  |                                                                                             |
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|  | Part#: <a href="#">LPC1113FHN33/302,5</a><br>Description: IC MCU 32BIT 24KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LPC1113JBD48/303QL</a><br>Description: IC MCU 32BIT 24KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1113JHN33/203E</a><br>Description: IC MCU 32BIT 24KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1113FHN33/302K</a><br>Description: IC MCU 32BIT 24KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/333,1</a><br>Description: IC MCU 32BIT 56KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/301,1</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/301,1</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/323,1</a><br>Description: IC MCU 32BIT 48KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FHI33/302,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/302,1</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1113JHN33/303E</a><br>Description: IC MCU 32BIT 24KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FBD48/323J</a><br>Description: IC MCU 32BIT 48KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FDH28/102,5</a><br>Description: IC MCU 32BIT 32KB FLASH 28TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FHI33/303,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1114FHN33/202,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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