

LPC1112FHN33/102,5



**Part Number:** [LPC1112FHN33/102,5](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MCU 32BIT 16KB FLASH 33HVQFN

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

**RoHs Status:** Lead free / RoHS Compliant

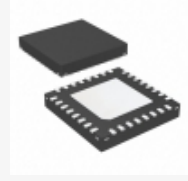
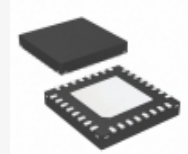
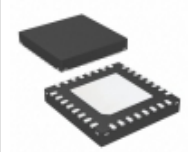
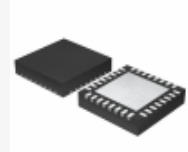
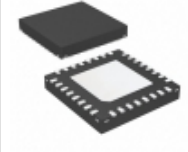
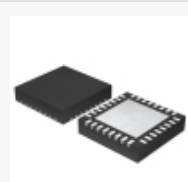
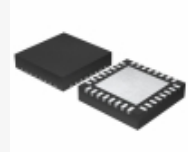
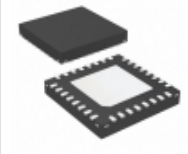
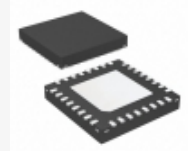
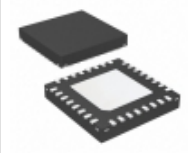
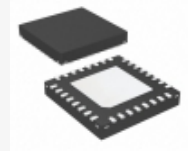
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LPC1112FHN33/102,5                        | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 16KB FLASH 33HVQFN           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 86123 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 ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-HVQFN (7x7)                            | Speed                            | 50MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LPC1100L                                  | RAM Size                         | 2K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                     | Program Memory Size              | 16KB (16K x 8)                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, POR, WDT          | Packaging                        | Tray                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 32-VQFN Exposed Pad                       | Other Names                      | 568-5144<br>935293876551<br>LPC1112FHN331025                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                |
| 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 16KB (16K x 8) FLASH 32-HVQFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 8x10b                                 | Core Size                        | 32-Bit                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ARM® Cortex®-M0                           | Connectivity                     | I²C, SPI, UART/USART                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LPC1112                                   |                                  |                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                               |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LPC1112FD20/102,52</a><br>Description: IC MCU 32BIT 16KB FLASH 20SOIC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN33/201,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FDH20/102,5</a><br>Description: IC MCU 32BIT 16KB FLASH 20TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN33/101,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN33/203,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHI33/203,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112JHN33/203E</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN24/202J</a><br>Description: IC MCU 32BIT 16KB FLASH 24HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN33/103,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112LVFHN24/003</a><br>Description: IC MCU 32BIT 16KB FLASH 24HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHI33/102,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHI33/202,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FDH28/102,5</a><br>Description: IC MCU 32BIT 16KB FLASH 28TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112JHI33/203E</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112JHN33/103E</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1112FHN33/202,5</a><br>Description: IC MCU 32BIT 16KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LPC1111JHN33/203E</a><br>Description: IC MCU 32BIT 8KB FLASH 33HVQFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LPC1112FHN24/202,1</a><br>Description: IC MCU 32BIT 16KB FLASH 24HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

Related keywords for **LPC1112FHN33/102,5**

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