

LPC1114FN28/102,12



Part Number: [LPC1114FN28/102,12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 28DIP

Data sheet:  [LPC1110-15](#)

RoHs Status: Lead free / RoHS Compliant

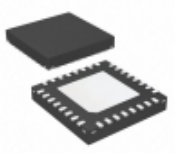
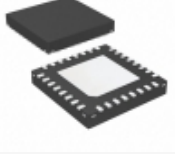
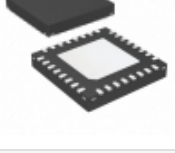
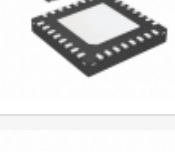
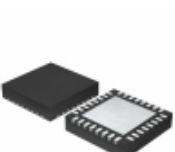
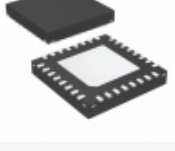
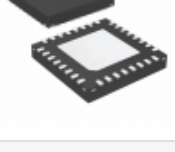
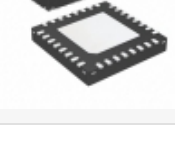
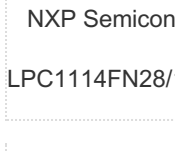
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                      |                                  |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LPC1114FN28/102,12                                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 32KB FLASH 28DIP                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4324 pcs                                                                             | Data sheet                       | <a href="#">LPC1110-15</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28-DIP                                                                               | Speed                            | 50MHz                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LPC1100L                                                                             | RAM Size                         | 4K x 8                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                                                                | Program Memory Size              | 32KB (32K x 8)                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, POR, WDT                                                     | Packaging                        | Tube                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28-DIP (0.600", 15.24mm)                                                             | Other Names                      | 568-10143-5<br>935297016129<br>LPC1114FN28/102,12-ND<br>LPC1114FN2810212 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                                                             | Operating Temperature            | -40°C ~ 85°C (TA)                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 22                                                                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                            |
| 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 28-DIP | Data Converters                  | A/D 6x10b                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-Bit                                                                               | Core Processor                   | ARM® Cortex®-M0                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IPC, SPI, UART/USART                                                                 | Base Part Number                 | LPC1114                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                               |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|
|  | Part#: <a href="#">LPC1114FHN33/201,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/333,5</a><br>Description: IC MCU 32BIT 56KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/302,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JBD48/333QL</a><br>Description: IC MCU 32BIT 56KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JHN33/303E</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/301,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JBD48/303QL</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JHN33/333E</a><br>Description: IC MCU 32BIT 56KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114LVFHN24/103</a><br>Description: IC MCU 32BIT 32KB FLASH 24HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/301,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JHI33/303E</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JBD48/323QL</a><br>Description: IC MCU 32BIT 48KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114LVFHI33/303</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/303Y</a><br>Description: 32KB FLASH, 8KB SRAM, HVQFN32 PA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114JHN33/203E</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/203,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/303,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/302,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114LVFHN24/303</a><br>Description: IC MCU 32BIT 32KB FLASH 24HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FHN33/202,5</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |

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