

LPC1114LVFHN24/103



Part Number: [LPC1114LVFHN24/103](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 24HVQFN

Data sheet:  [LPC111xLV/11xxLVUK](#)

RoHs Status: Lead free / RoHS Compliant

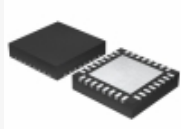
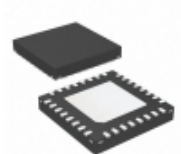
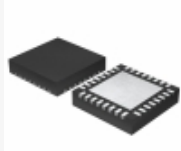
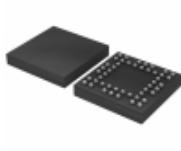
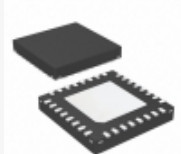
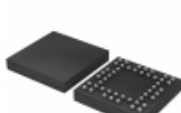
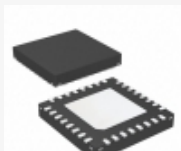
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LPC1114LVFHN24/103                                                                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 32KB FLASH 24HVQFN                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 57114 pcs                                                                                     | Data sheet                       | <a href="#">LPC111xLV/11xxLVUK</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                                     | Voltage - Supply (Vcc/Vdd)       | 1.65 V ~ 1.95 V                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24-HVQFN (4x4)                                                                                | Speed                            | 50MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LPC1100LV                                                                                     | RAM Size                         | 4K x 8                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                         | Program Memory Size              | 32KB (32K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, POR, WDT                                                              | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24-VFQFN Exposed Pad                                                                          | Other Names                      | 935297771151                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                                                                      | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20                                                                                            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                                    | EEPROM Size                      | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ARM® Cortex®-M0 LPC1100LV Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 24-HVQFN (4x4) | Data Converters                  | A/D 8x8b                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-Bit                                                                                        | Core Processor                   | ARM® Cortex®-M0                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PC, SPI, UART/USART                                                                           | Base Part Number                 | LPC1114                                        |
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|  | Part#: <a href="#">LPC1114JHI33/303E</a><br>Description: IC MCU 32BIT 32KB FLASH 33HVQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
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|  | 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="#">LPC1114JBD48/303QL</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | 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="#">LPC1115FBD48/303,1</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1114FN28/102,12</a><br>Description: IC MCU 32BIT 32KB FLASH 28DIP   | 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="#">LPC1115FET48/303QL</a><br>Description: IC MCU 32BIT 64KB FLASH 48TFBGA | 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="#">LPC1125JBD48/303QL</a><br>Description: IC MCU 32BIT 64KB 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 |
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|  | Part#: <a href="#">LPC1115FET48/303Y</a><br>Description: 32-BIT ARM M0 CORE               | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1115JET48/303QL</a><br>Description: IC MCU 32BIT 64KB FLASH 48TFBGA | 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="#">LPC1114JBD48/333QL</a><br>Description: IC MCU 32BIT 56KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">LPC1124JBD48/303QL</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |

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