

LPC2214FBD144,551



Part Number: [LPC2214FBD144,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 144LQFP

Data sheet:  [LPC221x](#)

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.  
Buy **LPC2214FBD144,551** with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                          |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LPC2214FBD144,551                                                                        | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 256KB FLASH 144LQFP                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4973 pcs                                                                                 | Data sheet                       | <a href="#">LPC221x</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                                | Voltage - Supply (Vcc/Vdd)       | 1.65 V ~ 1.95 V                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 144-LQFP (20x20)                                                                         | Speed                            | 60MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LPC2200                                                                                  | RAM Size                         | 16K x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                                    | Program Memory Size              | 256KB (256K x 8)                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | POR, PWM, WDT                                                                            | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 144-LQFP                                                                                 | Other Names                      | 568-1229<br>935274741551<br>LPC2214FBD144-S    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                                                                 | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 112                                                                                      | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                               | EEPROM Size                      | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ARM7® LPC2200 Microcontroller IC 16/32-Bit 60MHz 256KB (256K x 8) FLASH 144-LQFP (20x20) | Data Converters                  | A/D 8x10b                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16/32-Bit                                                                                | Core Processor                   | ARM7®                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EBI/EMI, I²C, Microwire, SPI, SSI, SSP, UART/USART                                       | Base Part Number                 | LPC2214                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 4973 pieces of NXP Semiconductors / Freescale LPC2214FBD144,551 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                          |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LPC2210FBD144/01,5</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2210FBD144,551</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2157FBD100,551</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2220FET144/G,55</a><br>Description: IC MCU 32BIT ROMLESS 144TFBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2220FET144/G,51</a><br>Description: IC MCU 32BIT ROMLESS 144TFBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2292FET144/01,5</a><br>Description: IC MCU 32BIT 256KB FLASH 144BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2292FBD144,551</a><br>Description: IC MCU 32BIT 256KB FLASH 144LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2292FET144,551</a><br>Description: IC MCU 32BIT 256KB FLASH 144BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2148FBD64,151</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2220FBD144,551</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2214FBD144/01,5</a><br>Description: IC MCU 32BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2290FBD144,551</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2158FBD100,551</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2194HBD64,151</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2290FBD144/01,5</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2194HBD64/01,15</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2212FBD144,551</a><br>Description: IC MCU 32BIT 128KB FLASH 144LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2194JBD64,151</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2212FBD144/01,5</a><br>Description: IC MCU 32BIT 128KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC2292FBD144/01,5</a><br>Description: IC MCU 32BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

|                                                     |                                                     |                                                    |                                |
|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|--------------------------------|
| Related keywords for <b>LPC2214FBD144,551</b>       |                                                     |                                                    |                                |
| NXP Semiconductors / Freescale<br>LPC2214FBD144,551 | LPC2214FBD144,551 distributor                       | LPC2214FBD144,551 supplier                         | LPC2214FBD144,551 price        |
|                                                     | LPC2214FBD144,551 download datasheet                | LPC2214FBD144,551 datasheet                        | LPC2214FBD144,551 stock        |
| buy LPC2214FBD144,551                               | NXP Semiconductors / Freescale<br>LPC2214FBD144,551 | NXP Semiconductors LPC2214FBD144,551               | Freescale LPC2214FBD144,551    |
|                                                     |                                                     | Freescale Semiconductor - NXP<br>LPC2214FBD144,551 | NXP USA Inc. LPC2214FBD144,551 |
|                                                     |                                                     |                                                    |                                |