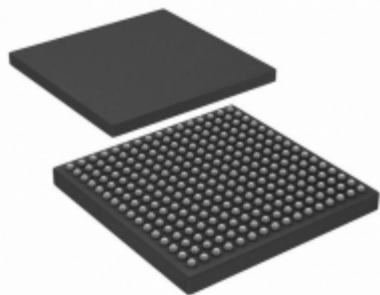


LPC4337JET256,551



Part Number: [LPC4337JET256,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 256LBGA

Data sheet:  [LPC435x,3x,2x,1x Datasheet](#)  
 [LPC4300 Series Leaflet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

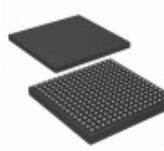
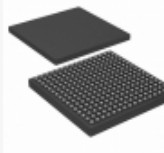
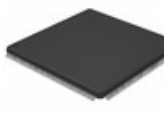
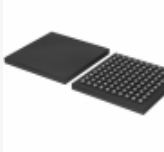
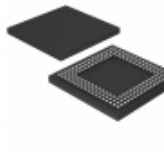
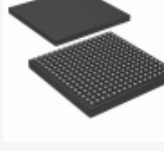
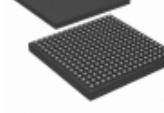
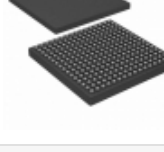
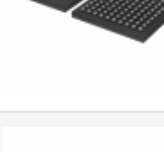
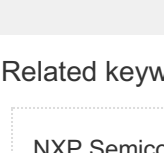
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                                                    |                                  |                                                                                                           |
|---------------------------------|--------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number                     | LPC4337JET256,551                                                  | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                            |
| Description                     | IC MCU 32BIT 1MB FLASH 256LBGA                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                |
| Quantity Available              | 10655 pcs                                                          | Data sheet                       | <a href="#">LPC435x,3x,2x,1x Datasheet</a><br><a href="#">LPC4300 Series Leaflet</a>                      |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 2.2 V ~ 3.6 V                                                                                             |
| Supplier Device Package         | 256-LBGA (17x17)                                                   | Speed                            | 204MHz                                                                                                    |
| Series                          | LPC43xx                                                            | RAM Size                         | 136K x 8                                                                                                  |
| Program Memory Type             | FLASH                                                              | Program Memory Size              | 1MB (1M x 8)                                                                                              |
| Peripherals                     | Brown-out Detect/Reset, DMA, IFS, Motor Control PWM, POR, PWM, WDT | Packaging                        | Tray                                                                                                      |
| Package / Case                  | 256-LBGA                                                           | Other Names                      | 568-13511<br>935298804551<br>LPC4337JET256,551-ND                                                         |
| Oscillator Type                 | Internal                                                           | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                        |
| Number of I/O                   | 164                                                                | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                             |
| Manufacturer Standard Lead Time | 12 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                |
| EEPROM Size                     | 16K x 8                                                            | Detailed Description             | ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz 1MB (1M x 8) FLASH 256-LBGA (17x17) |
| Data Converters                 | A/D 8x10b; D/A 1x10b                                               | Core Size                        | 32-Bit Dual-Core                                                                                          |
| Core Processor                  | ARM® Cortex®-M4/M0                                                 | Connectivity                     | CANbus, EBI/EMI, Ethernet, IFC, IrDA, Microwire, QEI, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG         |
| Base Part Number                | LPC4337                                                            |                                  |                                                                                                           |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LPC4330FET256,551</a><br>Description: IC MCU 32BIT ROMLESS 256LBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4357JET256,551</a><br>Description: IC MCU 32BIT 1MB FLASH 256LBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4333JBD144E</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4337JET256Y</a><br>Description: 32-BIT ARM CORTEX-M4/M0 MCU; UP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4350FBD208,551</a><br>Description: IC MCU 32BIT ROMLESS 208LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4333JET100E</a><br>Description: IC MCU 32BIT 512KB FLASH 100BGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4330FET180Y</a><br>Description: IC MCU 32BIT ROMLESS 180TFBGA       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4353FET256,551</a><br>Description: IC MCU 32BIT 512KB FLASH 256LBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4357FET256,551</a><br>Description: IC MCU 32BIT 1MB FLASH 256LBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4353JBD208E</a><br>Description: IC MCU 32BIT 512KB FLASH 208LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4333FET256,551</a><br>Description: IC MCU 32BIT 512KB FLASH 256LBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4333JET256,551</a><br>Description: IC MCU 32BIT 512KB FLASH 256LBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4337JET100E</a><br>Description: IC MCU 32BIT 1MB FLASH 100TFBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4330FET180,551</a><br>Description: IC MCU 32BIT ROMLESS 180TFBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4357JBD208E</a><br>Description: IC MCU 32BIT 1MB FLASH 208LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4350FET256,551</a><br>Description: IC MCU 32BIT ROMLESS 256LBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4337JBD144E</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4350FET180,551</a><br>Description: IC MCU 32BIT ROMLESS 180TFBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4353JET256,551</a><br>Description: IC MCU 32BIT 512KB FLASH 256LBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LPC4337FET256,551</a><br>Description: IC MCU 32BIT 1MB FLASH 256LBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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