

LPC4327JET100E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC4327JET100E                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 1MB FLASH 100TFBGA                                                                                      |
| Datasheets:         |  <a href="#">LPC4327JET100E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

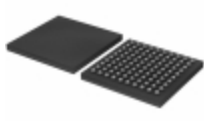
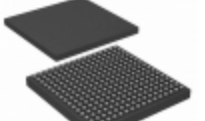
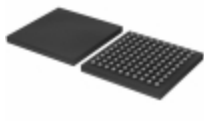
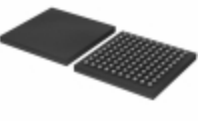
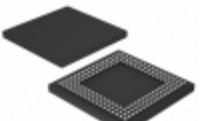
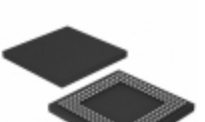
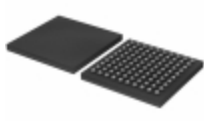
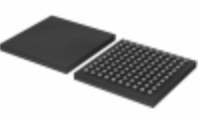
Specifications of LPC4327JET100E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC4327JET100E                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100TFBGA                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">LPC4327JET100E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-TFBGA (9x9)                                                                                                        |
| 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, I <sup>2</sup> S, POR, WDT                                                                |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 100-TFBGA                                                                                                              |
| OTHER NAMES                      | 935299672551                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 49                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| 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 100-TFBGA (9x9)               |
| DATA CONVERTERS                  | A/D 4x10b; D/A 1x10b                                                                                                   |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M4/M0                                                                                                     |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG                        |
| BASE PART NUMBER                 | LPC4327                                                                                                                |

Related Tags

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| Freescale Semiconductor - NXP LPC4327JET100E  | NXP USA Inc. LPC4327JET100E             |                                                   |

Related Products

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|  <div><b>LPC4322JET100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: 260 pcs<br/><div>RFQ</div></div>    |  <div><b>LPC4330FET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 256LBGA<br/>In stock: 165 pcs<br/><div>RFQ</div></div>   |
|  <div><b>LPC4330FET100,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 100TFBGA<br/>In stock: 289 pcs<br/><div>RFQ</div></div>   |  <div><b>LPC4325JET100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LPC4325JBD144E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LPC4330FET180Y</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 180TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>LPC4323JBD144E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 55 pcs<br/><div>RFQ</div></div>    |  <div><b>LPC4330FBD144,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 144LQFP<br/>In stock: 791 pcs<br/><div>RFQ</div></div>   |
|  <div><b>LPC4327JBD144E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 50 pcs<br/><div>RFQ</div></div>      |  <div><b>LPC4330FET180,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 180TFBGA<br/>In stock: 855 pcs<br/><div>RFQ</div></div>  |
|  <div><b>LPC4330FET100Y</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 100TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>LPC4323JET100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |