



Image may be representation. See specifications for product details.

LPC1519JBD64E

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC1519JBD64E                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                                     |
| Datasheets:         |  <a href="#">LPC1519JBD64E.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

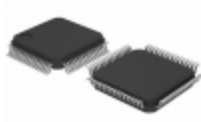
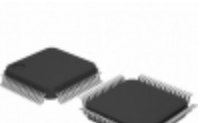
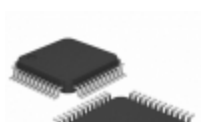
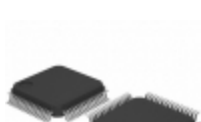
Specifications of LPC1519JBD64E

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC1519JBD64E                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">LPC1519JBD64E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                       |
| SPEED                            | 72MHz                                                                                                                 |
| SERIES                           | LPC15xx                                                                                                               |
| RAM SIZE                         | 36K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 64-LQFP                                                                                                               |
| OTHER NAMES                      | 568-11343<br>935302765551                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 46                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | 4K x 8                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 LPC15xx Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)                        |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                       |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                                          |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale LPC1519JBD64E | LPC1519JBD64E Distributor               | LPC1519JBD64E Supplier                           |
| LPC1519JBD64E Price                          | LPC1519JBD64E Pictures                  | LPC1519JBD64E Image                              |
| LPC1519JBD64E PDF Datasheet                  | LPC1519JBD64E Download Datasheet        | LPC1519JBD64E Datasheet                          |
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| NXP Semiconductors / Freescale LPC1519JBD64E | NXP Semiconductors LPC1519JBD64E        | Freescale LPC1519JBD64E                          |
| Freescale Semiconductor - NXP LPC1519JBD64E  | NXP USA Inc. LPC1519JBD64E              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>LPC1517JBD64E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 795 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LPC1548JBD100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LPC1519JBD100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 699 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LPC1517JBD48E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LPC1547JBD48QL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 232 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LPC1518JBD100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LPC1549JBD100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LPC1517JBD64Y</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LPC1549JBD48QL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LPC1547JBD64QL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LPC1518JBD64E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>LPC1548JBD64QL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |