

NXP Semiconductors / Freescale

LPC1519JBD64E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC1519JBD64E                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15087 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

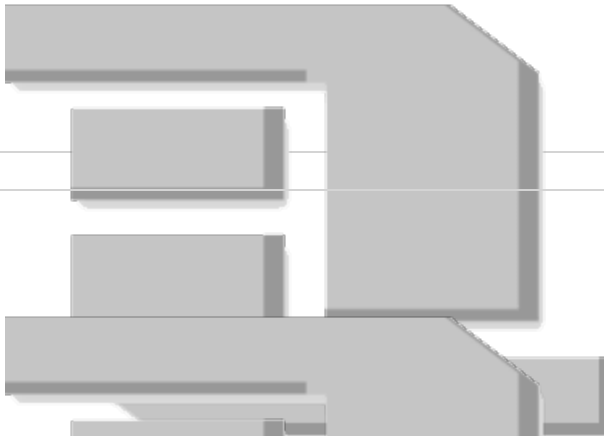
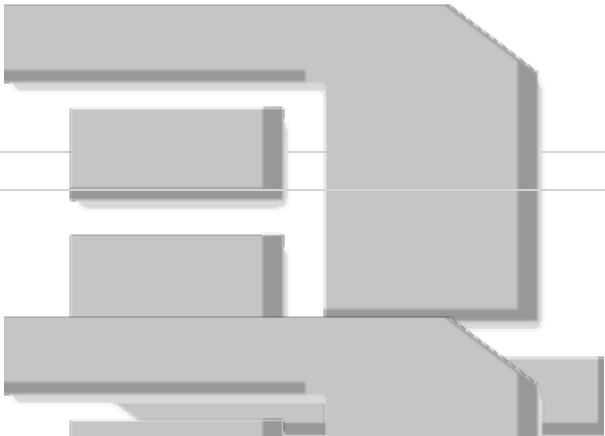
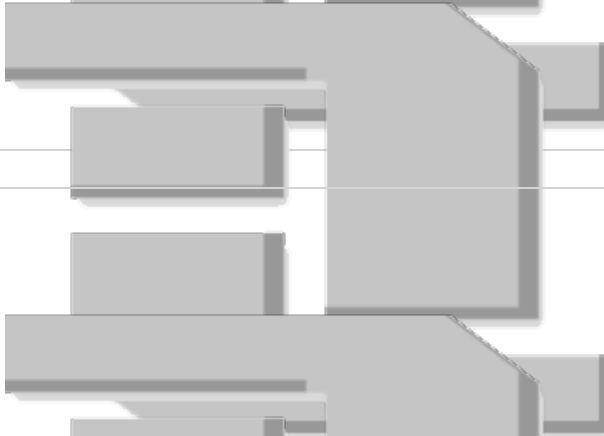
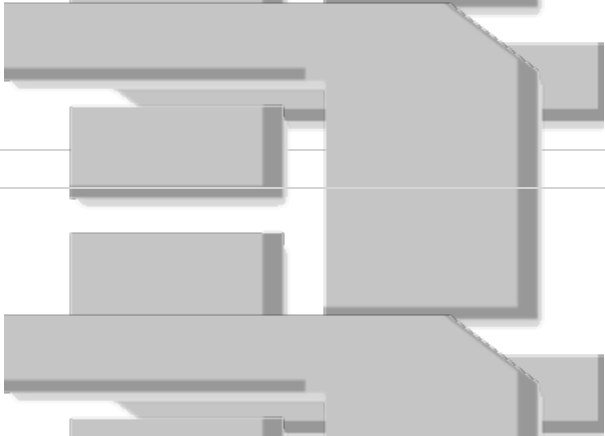
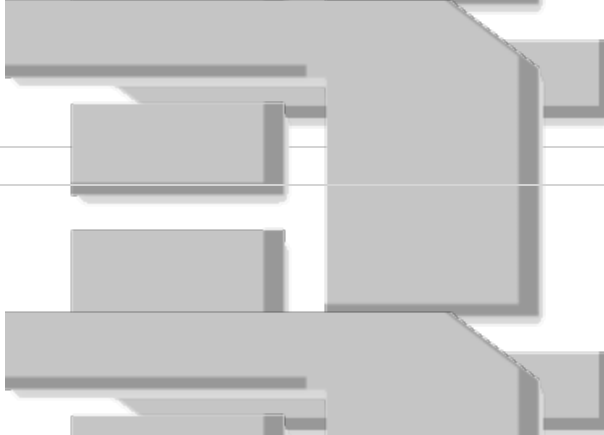
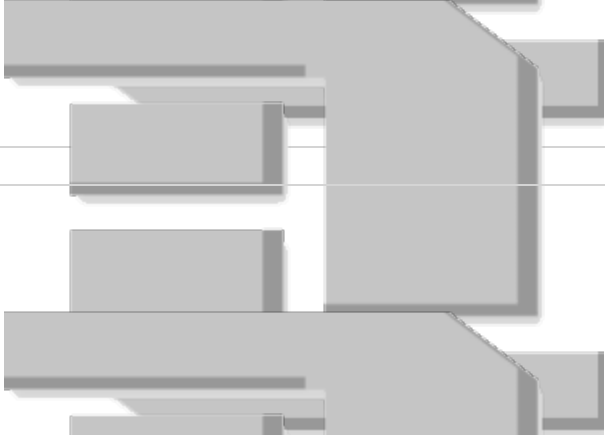
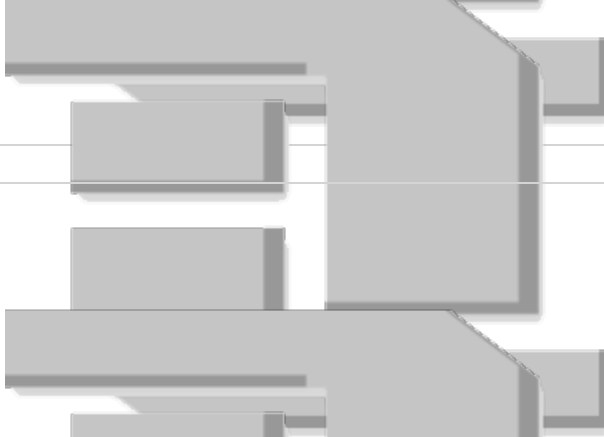
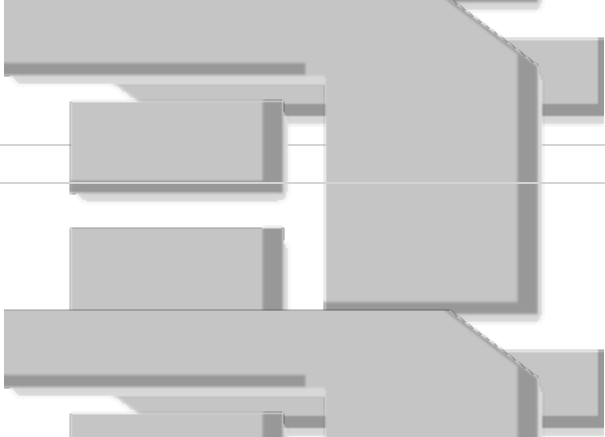
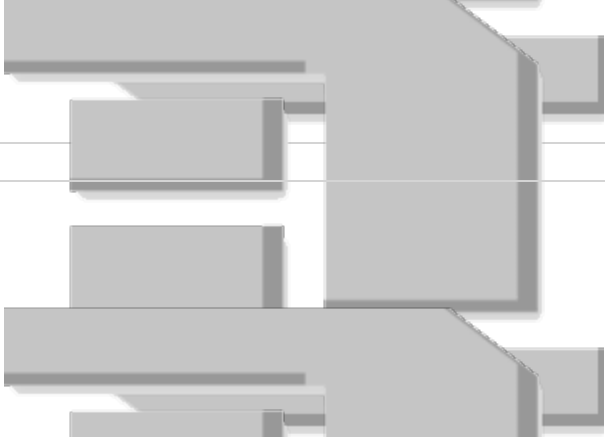
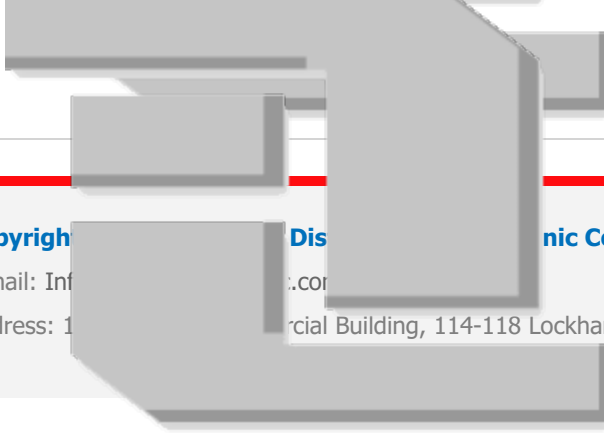
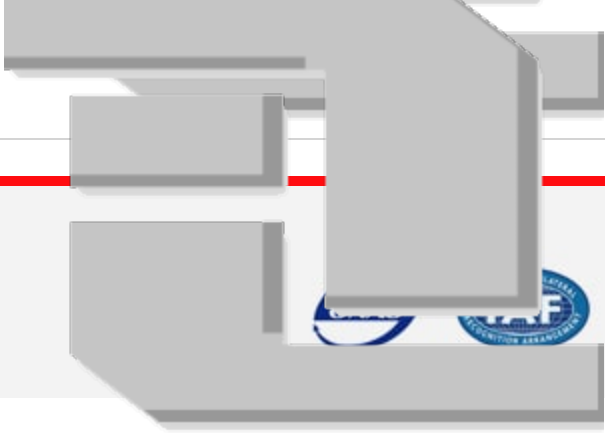
Specifications of LPC1519JBD64E

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC1519JBD64E                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE               | 15087 pcs                                                                                      |
| DATA SHEET                       |                                                                                                |
| 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)                                                                                  |
| 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

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| LPC1519JBD64E               | LPC1519JBD64E Distributor        | LPC1519JBD64E Supplier  |
| LPC1519JBD64E Price         | LPC1519JBD64E Pictures           | LPC1519JBD64E Image     |
| LPC1519JBD64E PDF Datasheet | LPC1519JBD64E Download Datasheet | LPC1519JBD64E Datasheet |
| LPC1519JBD64E Stock         | Buy LPC1519JBD64E                | Buy LPC1519JBD64E       |
| LPC1519JBD64E               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                             |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>LPC1547JBD48QL</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 13631 pcs</p> <p>RFQ</p>   |  | <p><b>LPC1549JBD48QL</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 15033 pcs</p> <p>RFQ</p>  |
|  | <p><b>LPC1517JBD64E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 18094 pcs</p> <p>RFQ</p>    |  | <p><b>LPC1547JBD64QL</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 22874 pcs</p> <p>RFQ</p>   |
|  | <p><b>LPC1518JBD100E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 16567 pcs</p> <p>RFQ</p> |  | <p><b>LPC1548JBD64QL</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 20495 pcs</p> <p>RFQ</p>  |
|  | <p><b>LPC1517JBD64Y</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 35747 pcs</p> <p>RFQ</p>    |  | <p><b>LPC1517JBD48E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 18988 pcs</p> <p>RFQ</p>    |
|  | <p><b>LPC1549JBD100E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14566 pcs</p> <p>RFQ</p> |  | <p><b>LPC1519JBD100E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 16501 pcs</p> <p>RFQ</p> |
|  | <p><b>LPC1518JBD64E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 15236 pcs</p> <p>RFQ</p>   |  | <p><b>LPC1548JBD100E</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 17410 pcs</p> <p>RFQ</p> |