



NXP Semiconductors / Freescale

LPC1517JBD64Y

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC1517JBD64Y                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP                                                                                      |
| Datasheets:         |  <a href="#">LPC1517JBD64Y.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.

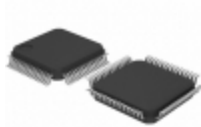
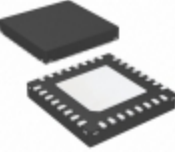
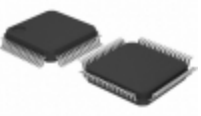
Specifications of LPC1517JBD64Y

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC1517JBD64Y                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                       |  <a href="#">LPC1517JBD64Y.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                       |
| SPEED                            | 72MHz                                                                                                                 |
| SERIES                           | LPC15xx                                                                                                               |
| RAM SIZE                         | 12K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                               |
| OTHER NAMES                      | 935302761518                                                                                                          |
| 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 64KB (64K 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

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| Freescale Semiconductor - NXP LPC1517JBD64Y  | NXP USA Inc. LPC1517JBD64Y              |                                                  |

Related Products

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| <div></div> <div><b>LPC1519JBD64E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<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>LPC135A12-BTHR</b><br/>Manufacturers: Mechatronics<br/>Description: FAN AXIAL 135X38MM 115VAC EC<br/>In stock: 20 pcs<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>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>LPC135A23-BTHR</b><br/>Manufacturers: Mechatronics<br/>Description: FAN AXIAL 135X38MM 230VAC EC<br/>In stock: 60 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>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>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>LPC1347FHN33,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 33HVQFN<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>LPC1347FBD64,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |