

NXP Semiconductors / Freescale

LPC1752FBD80,551

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC1752FBD80,551                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 64KB FLASH 80LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15167 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

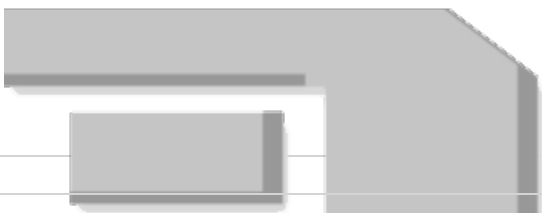
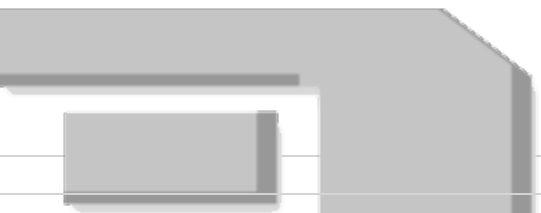
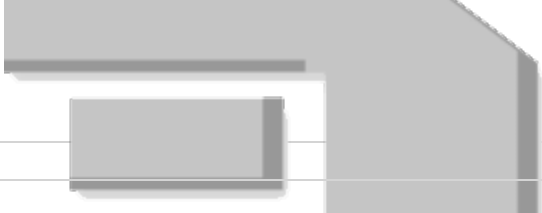
Specifications of LPC1752FBD80,551

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC1752FBD80,551                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 80LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 15167 pcs                                                                                     |
| DATA SHEET                       |                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 3.6 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                               |
| SPEED                            | 100MHz                                                                                        |
| SERIES                           | LPC17xx                                                                                       |
| RAM SIZE                         | 16K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                 |
| PACKAGING                        | Tray                                                                                          |
| PACKAGE / CASE                   | 80-LQFP                                                                                       |
| OTHER NAMES                      | 568-4789<br>935287915551<br>LPC1752FBD80551                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                             |
| NUMBER OF I/O                    | 52                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| EEPROM SIZE                      | -                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 LPC17xx Microcontroller IC 32-Bit 100MHz 64KB (64K x 8) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 6x12b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                        |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                               |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB                                  |
| BASE PART NUMBER                 | LPC1752                                                                                       |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| LPC1752FBD80,551               | LPC1752FBD80,551 Distributor        | LPC1752FBD80,551 Supplier  |
| LPC1752FBD80,551 Price         | LPC1752FBD80,551 Pictures           | LPC1752FBD80,551 Image     |
| LPC1752FBD80,551 PDF Datasheet | LPC1752FBD80,551 Download Datasheet | LPC1752FBD80,551 Datasheet |
| LPC1752FBD80,551 Stock         | Buy LPC1752FBD80,551                | Buy LPC1752FBD80,551       |
| LPC1752FBD80,551               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                |                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>LPC1751FBD80,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 80LQFP<br>In stock: 15826 pcs<br><b>RFQ</b>        | <br><b>LPC1754FBD80,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 10453 pcs<br><b>RFQ</b>   |
| <br><b>LPC15P12-BTER</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 172X150X51MM 115VAC EC<br>In stock: 1622 pcs<br><b>RFQ</b> | <br><b>LPC15P12-BTLR</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 172X150X51MM 115VAC<br>In stock: 4508 pcs<br><b>RFQ</b> |
| <br><b>LPC15P23-BTER</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 172X150X51MM 230VAC EC<br>In stock: 1396 pcs<br><b>RFQ</b> | <br><b>LPC1754FBD80,518</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 21288 pcs<br><b>RFQ</b>   |
| <br><b>LPC1758FBD80,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br>In stock: 10287 pcs<br><b>RFQ</b>       | <br><b>LPC1756FBD80Y</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 18182 pcs<br><b>RFQ</b>      |
| <br><b>LPC15P12-BTHR</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 172X150X51MM 115VAC<br>In stock: 3310 pcs<br><b>RFQ</b>    | <br><b>LPC1758FBD80Y</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br>In stock: 14366 pcs<br><b>RFQ</b>      |
| <br><b>LPC15A99-BTHR</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 172X38MM BALL TERM<br>In stock: 3201 pcs<br><b>RFQ</b>     | <br><b>LPC1756FBD80,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 12700 pcs<br><b>RFQ</b>   |