



Image may be representation. See specifications for product details.

LPC4076FBD144E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC4076FBD144E                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 256KB FLASH 144LQFP                                                                                     |
| Datasheets:         |  <a href="#">LPC4076FBD144E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

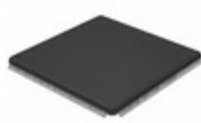
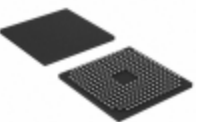
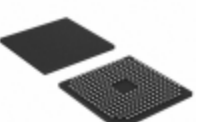
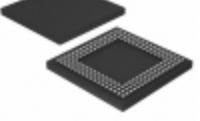
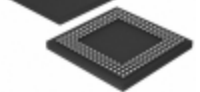
Specifications of LPC4076FBD144E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC4076FBD144E                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">LPC4076FBD144E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                       |
| SPEED                            | 120MHz                                                                                                                 |
| SERIES                           | LPC40xx                                                                                                                |
| RAM SIZE                         | 80K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 144-LQFP                                                                                                               |
| OTHER NAMES                      | 568-14544<br>935298965551<br>LPC4076FBD144E-ND                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 LPC40xx Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)                       |
| DATA CONVERTERS                  | A/D 8x12b, D/A 1x10b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                        |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB                                                           |
| BASE PART NUMBER                 | LPC4076                                                                                                                |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale LPC4076FBD144E | LPC4076FBD144E Distributor              | LPC4076FBD144E Supplier                           |
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| NXP Semiconductors / Freescale LPC4076FBD144E | NXP Semiconductors LPC4076FBD144E       | Freescale LPC4076FBD144E                          |
| Freescale Semiconductor - NXP LPC4076FBD144E  | NXP USA Inc. LPC4076FBD144E             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                      |
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|  <div><b>LPC4078FBD208,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 208LQFP<br/>In stock: 178 pcs<br/><div>RFQ</div></div>   |  <div><b>LPC4078FBD80,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LPC4072FET80K</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 80TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>LPC4072FBD80E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>LPC4074FBD144,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LPC3250FET296/01,5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 296TFBGA<br/>In stock: 946 pcs<br/><div>RFQ</div></div>   |
|  <div><b>LPC4078FBD100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 757 pcs<br/><div>RFQ</div></div>      |  <div><b>LPC3250FET296,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 296TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>LPC4078FBD144,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 32 pcs<br/><div>RFQ</div></div>    |  <div><b>LPC4076FET180,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 180BGA<br/>In stock: 189 pcs<br/><div>RFQ</div></div>  |
|  <div><b>LPC4074FBD80,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 116 pcs<br/><div>RFQ</div></div>     |  <div><b>LPC4076FET180K</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 180BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |