

NXP Semiconductors / Freescale

LPC11U36FBD48/401,

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC11U36FBD48/401,                                                                                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 96KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16401 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of LPC11U36FBD48/401,

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC11U36FBD48/401,                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                              |
| DESCRIPTION                      | IC MCU 32BIT 96KB FLASH 48LQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 16401 pcs                                                                                   |
| DATA SHEET                       |                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                               |
| SPEED                            | 50MHz                                                                                       |
| SERIES                           | LPC11Uxx                                                                                    |
| RAM SIZE                         | 10K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, WDT                                                            |
| PACKAGING                        | Tray                                                                                        |
| PACKAGE / CASE                   | 48-LQFP                                                                                     |
| OTHER NAMES                      | 568-9587<br>935296511151<br>LPC11U36FBD48401                                                |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                           |
| NUMBER OF I/O                    | 40                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| EEPROM SIZE                      | 4K x 8                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 LPC11Uxx Microcontroller IC 32-Bit 50MHz 96KB (96K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                             |
| CONNECTIVITY                     | I²C, Microwire, SmartCard, SPI, SSP, UART/USART, USB                                        |
| BASE PART NUMBER                 | LPC11U                                                                                      |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LPC11U36FBD48/401,               | LPC11U36FBD48/401, Distributor        | LPC11U36FBD48/401, Supplier  |
| LPC11U36FBD48/401, Price         | LPC11U36FBD48/401, Pictures           | LPC11U36FBD48/401, Image     |
| LPC11U36FBD48/401, PDF Datasheet | LPC11U36FBD48/401, Download Datasheet | LPC11U36FBD48/401, Datasheet |
| LPC11U36FBD48/401, Stock         | Buy LPC11U36FBD48/401,                | Buy LPC11U36FBD48/401,       |
| LPC11U36FBD48/401,               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                                |                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>LPC11U35FBD48/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 18861 pcs</p>  | <p><b>LPC11U37FBD64/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 4443 pcs</p>   |
| <p><b>LPC11U36FBD64/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 96KB FLASH 64LQFP<br/>In stock: 18188 pcs</p>  | <p><b>LPC11U37HFBD64/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 19490 pcs</p> |
| <p><b>LPC11U35FET48/501,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48TFBGA<br/>In stock: 27469 pcs</p> | <p><b>LPC11U35FHN33/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 33HVQFN<br/>In stock: 19098 pcs</p>  |
| <p><b>LPC11U35FBD64/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 21150 pcs</p>  | <p><b>LPC11U35FHI33/501Y</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 33HVQFN<br/>In stock: 35956 pcs</p>  |
| <p><b>LPC11U35FHI33/501,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 33HVQFN<br/>In stock: 24211 pcs</p> | <p><b>LPC11U37FBD48/401,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 16216 pcs</p>  |
| <p><b>LPC11U37FBD64/501,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 17153 pcs</p> | <p><b>LPC11U37FBD48/501,</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 3422 pcs</p>   |