




NXP Semiconductors / Freescale

## LPC1224FBD48/121,1

Part Number:	LPC1224FBD48/121,1
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 48KB FLASH 48LQFP
Datasheets:	<a href="#">1.LPC1224FBD48/121,1.pdf</a> <a href="#">2.LPC1224FBD48/121,1.pdf</a>
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

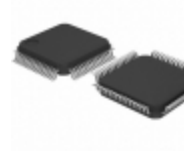
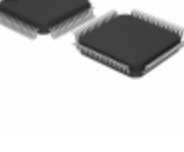
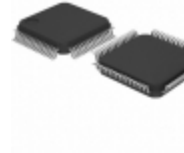

### Specifications of LPC1224FBD48/121,1

PART NUMBER	LPC1224FBD48/121,1
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 48KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.LPC1224FBD48/121,1.pdf</a> <a href="#">2.LPC1224FBD48/121,1.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	45MHz
SERIES	LPC1200
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	48KB (48K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	568-5154 935294972151 LPC1224FBD48/221 LPC1224FBD48/221,1 LPC1224FBD481211
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	39
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 LPC1200 Microcontroller IC 32-Bit 45MHz 48KB (48K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I <sup>2</sup> C, IrDA, Microwire, SPI, SSI, SSP, UART/USART
BASE PART NUMBER	LPC1224

### Related Tags

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### Related Products

 <p><b>LPC1225FBD48/301,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 297 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC11U68JBD64E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>LPC11U67JBD64E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 215 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC1225FBD64/301,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 733 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>LPC1224FBD64/101,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC11U68JBD100E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>LPC11U67JBD48E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC1225FBD48/321,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 80KB FLASH 48LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>LPC1225FBD64/321,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 80KB FLASH 64LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC1224FBD64/121,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 48KB FLASH 64LQFP In stock: 160 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>LPC1224FBD48/101,1</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>LPC11U68JBD48E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>

