

NXP Semiconductors / Freescale

### LPC11E37HFBD64/4QL

Part Number: [LPC11E37HFBD64/4QL](#)  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: IC MCU 32BIT 128KB FLASH 64LQFP  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 19512 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

#### Specifications of LPC11E37HFBD64/4QL

PART NUMBER	LPC11E37HFBD64/4QL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19512 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	50MHz
SERIES	LPC11E3x
RAM SIZE	10K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	568-10991 935303306151
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	54
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 LPC11E3x Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I <sup>2</sup> C, Microwire, SmartCard, SPI, SSP, UART/USART
BASE PART NUMBER	LPC11E37

#### Related Tags

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	<b>LPC11E36FBD64/501E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 96KB FLASH 64LQFP In stock: 18208 pcs		<b>LPC11E67JBD48E</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 22241 pcs		<b>LPC11E66JBD48E</b> Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 2182 pcs
	<b>LPC11E37FHI33/501E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 33HVQFN In stock: 31427 pcs		<b>LPC11E67JBD64E</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 22241 pcs		<b>LPC11E67JBD48E</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 23236 pcs
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	<b>LPC11E37FBD64/501E</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 27167 pcs				