



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

LPC2377FBD144,551

Part Number:	LPC2377FBD144,551
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 LPC2377FBD144,551.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

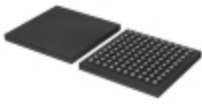
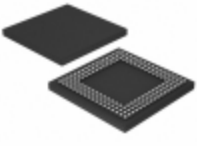
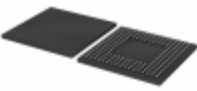
Specifications of LPC2377FBD144,551

PART NUMBER	LPC2377FBD144,551
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 LPC2377FBD144,551.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	72MHz
SERIES	LPC2300
RAM SIZE	58K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	568-4411 935286019551 LPC2377FBD144-S LPC2377FBD144551
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	104
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM7® LPC2300 Microcontroller IC 16/32-Bit 72MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b; D/A 1x10b
CORE SIZE	16/32-Bit
CORE PROCESSOR	ARM7®
CONNECTIVITY	EBI/EMI, Ethernet, I²C, Microwire, SPI, SSI, SSP, UART/USART
BASE PART NUMBER	LPC237*

Related Tags

NXP Semiconductors / Freescale LPC2377FBD144,551	LPC2377FBD144,551 Distributor	LPC2377FBD144,551 Supplier
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Related Products

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 LPC2368FBD100,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ	 LPC2458FET180,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: 257 pcs RFQ
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 LPC2420FET208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 208TFBGA In stock: 126 pcs RFQ	 LPC2420FBD208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 208LQFP In stock: Out stock RFQ