

LPC2388FBD144,551



Part Number: [LPC2388FBD144,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:  [LPC2388](#)

RoHs Status: Lead free / RoHS Compliant

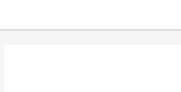
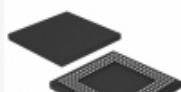
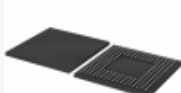
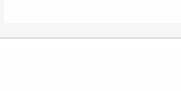
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PRODUCT PARAMETER			
Part Number	LPC2388FBD144,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8037 pcs	Data sheet	LPC2388
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	72MHz
Series	LPC2300	RAM Size	98K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	568-4323 935285417551 LPC2388FBD144-S LPC2388FBD144551
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	CANbus, EBI/EMI, Ethernet, I ² C, Microwire, Memory Card, SPI, SSI, SSP, UART/USART, USB OTG
Base Part Number	LPC2388		
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	Part#: LPC2468FET208,551 Description: IC MCU 32BIT 512KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC2364HBD100 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP USA Inc.	RFQ
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