

LPC1345FBD48,151



Part Number: [LPC1345FBD48,151](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 48LQFP

Data sheet:  [LPC1315-17, LPC45-47 User Manual](#)
 [LPC1315-17, LPC1345-47 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

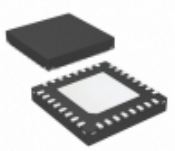
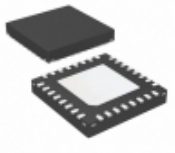
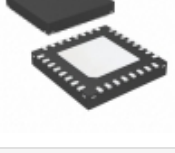
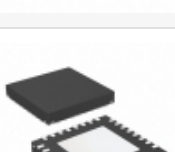
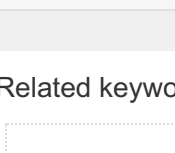
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PRODUCT PARAMETER			
Part Number	LPC1345FBD48,151	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32842 pcs	Data sheet	LPC1315-17, LPC45-47 User Manual LPC1315-17, LPC1345-47 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	72MHz
Series	LPC13xx	RAM Size	10K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-9594 935297489151 LPC1345FBD48151
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	ARM® Cortex®-M3 LPC13xx Microcontroller IC 32-Bit 72MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB
Base Part Number	LPC1345		
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