

LPC1315FBD48,551



Part Number: [LPC1315FBD48,551](#)

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

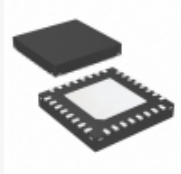
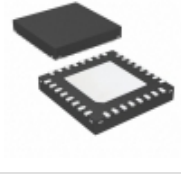
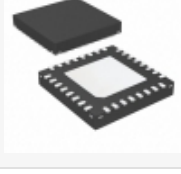
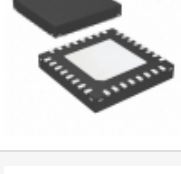
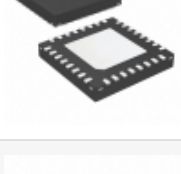
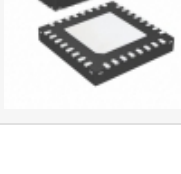
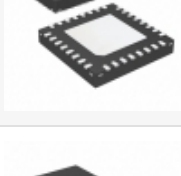
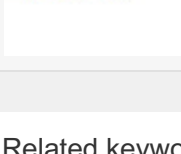
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PRODUCT PARAMETER			
Part Number	LPC1315FBD48,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38060 pcs	Data sheet	LPC1315-17, LPC45-47 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	8K 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	568-9591 935297486551 LPC1315FBD48551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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
Base Part Number	LPC1315		
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	Part#: LPC1317FHN33,551 Description: IC MCU 32BIT 64KB FLASH 33HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC12H25FBD64/301, Description: IC MCU 32BIT ARM 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1313FBD48,151 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1316FBD48,551 Description: IC MCU 32BIT 48KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1313FHN33/01,55 Description: IC MCU 32BIT 32KB FLASH 33HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC12H27FBD64/301, Description: IC MCU 32BIT ARM 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1316FHN33,551 Description: IC MCU 32BIT 48KB FLASH 33HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1311FHN33,551 Description: IC MCU 32BIT 8KB FLASH 33HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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