

LPC4310FBD144,551



Part Number: [LPC4310FBD144,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 144LQFP

Data sheet:  [LPC4350/30/20/10 Errata](#)
 [LPC43xx Preliminary Manual](#)
 [LPC4350,30,20,10 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

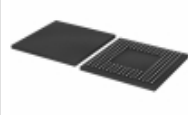
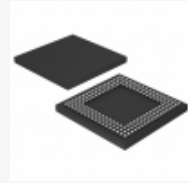
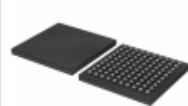
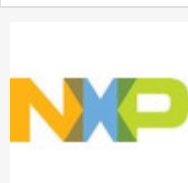
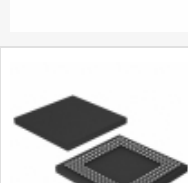
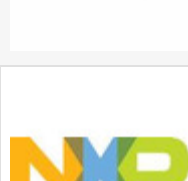
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PRODUCT PARAMETER			
Part Number	LPC4310FBD144,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14671 pcs	Data sheet	LPC4350/30/20/10 Errata LPC43xx Preliminary Manual LPC4350,30,20,10 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	204MHz
Series	LPC43xx	RAM Size	168K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	568-9447 935296297551 LPC4310FBD144551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	83	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz ROMless 144-LQFP (20x20)	Data Converters	A/D 8x10b; D/A 1x10b
Core Size	32-Bit Dual-Core	Core Processor	ARM® Cortex®-M4/M0
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART	Base Part Number	LPC4310
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RELATED PRODUCTS			
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	Part#: LPC4315JBD144E Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4078FET180,551 Description: IC MCU 32BIT 512KB FLASH 180BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4088FET208,551 Description: IC MCU 32BIT 512KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC4312JET100E Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4313JBD144E Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4317JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC4315JET100E Description: IC MCU 32BIT 768KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC4317JET100E Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4312JBD144E Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4320FBD144,551 Description: IC MCU 32BIT ROMLESS 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for **LPC4310FBD144,551**

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