

LPC2102FBD48,151



Part Number: [LPC2102FBD48,151](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 48LQFP

Data sheet:  [LPC2101-03](#)

RoHs Status: Lead free / RoHS Compliant

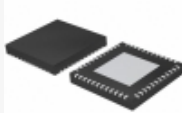
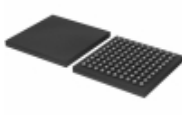
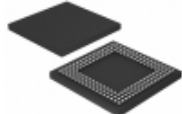
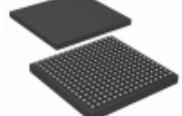
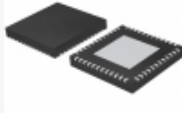
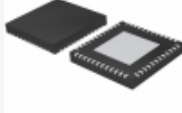
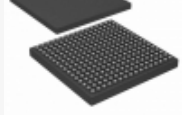
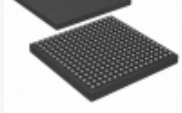
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PRODUCT PARAMETER			
Part Number	LPC2102FBD48,151	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22989 pcs	Data sheet	LPC2101-03
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	70MHz
Series	LPC2100	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-2093 935280965151 LPC2102FBD48-S
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® LPC2100 Microcontroller IC 16/32-Bit 70MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 8x10b
Core Size	16/32-Bit	Core Processor	ARM7®
Connectivity	PC, Microwire, SPI, SSI, SSP, UART/USART	Base Part Number	LPC2102
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	Part#: LPC18S37JET100E Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2101FBD48,151 Description: IC MCU 32BIT 8KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC18S50FET180E Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC18S37JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC2103FHN48,551 Description: IC MCU 32BIT 32KB FLASH 48HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2104BBD48,151 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC2104FBD48/01,15 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2103FBD48,118 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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