

LPC3180FEL320



Part Number: [LPC3180FEL320](#)

Manufacturer: [NXP USA Inc.](#)

Description: IC MCU 32BIT ROMLESS 320LFBGA

Data sheet:  [LPC3180](#)

RoHS Status: Lead free / RoHS Compliant

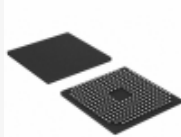
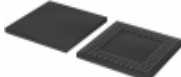
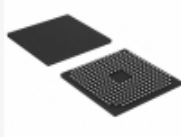
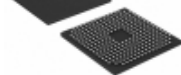
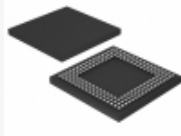
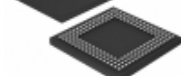
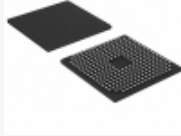
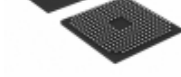
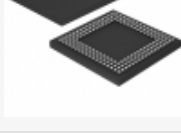
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PRODUCT PARAMETER			
Part Number	LPC3180FEL320	Manufacturer	NXP USA Inc.
Description	IC MCU 32BIT ROMLESS 320LFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4644 pcs	Data sheet	LPC3180
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	ROMless
Voltage - Breakdown	320-LFBGA (13x13)	Series	LPC3100
RoHS Status	Tray	Reverse Recovery Time (trr)	208MHz
Requires	DMA, PWM, WDT	Program Memory Type	-
Program Memory Size	EBI/EMI, I ² C, Memory Card, SPI, UART/USART, USB OTG	Polarization	320-LFBGA
Other Names	568-3242	Oscillator Type	A/D 3x10b
Operating Temperature	-40°C ~ 85°C (TA)	Operating System	ARM9®
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Part Number	LPC3180FEL320
Expanded Description	ARM9® LPC3100 Microcontroller IC 16/32-Bit 208MHz ROMless 320-LFBGA (13x13)	Description	IC MCU 32BIT ROMLESS 320LFBGA
Data SRAM Bytes	-	Data Converters	1.1 V ~ 3.3 V
Core Size	64K x 8	Controller Series	External
Connectivity	16/32-Bit	Clock Rate	55
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RELATED PRODUCTS			
	Part#: LPC3154FET208,551 Description: IC MCU 32BIT ROMLESS 208TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC3180FEL320,551 Description: IC MCU 32BIT ROMLESS 320LFBGA	Manufacturers: NXP USA Inc.	RFQ
	Part#: LPC3250FET296/01,5 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3240FET296,551 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3180FEL320/01,5 Description: IC MCU 32BIT ROMLESS 320LFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3240FET296/01,5 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2939FBD208,551 Description: IC MCU 32BIT 768KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC3130FET180,551 Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3220FET296/01,5 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3230FET296,551 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3141FET180,551 Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3180-DEV-KIT Description: EVAL KIT FOR LP3180	Manufacturers: Future Designs, Inc.	RFQ
	Part#: LPC3250FET296,551 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2930FET208,551 Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3230FET296/01,5 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2939FET208,551 Description: IC MCU 32BIT 768KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3143FET180,551 Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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