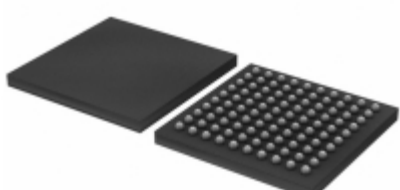


LPC1820FET100,551



Part Number: [LPC1820FET100,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 100TFBGA

Data sheet:  [LPC18xx User Manual](#)
 [LPC1850,30,20,10 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

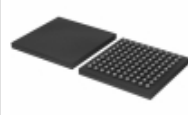
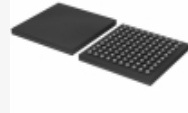
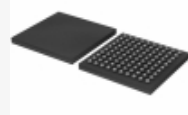
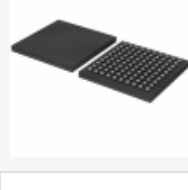
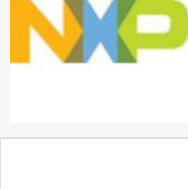
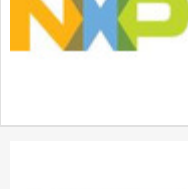
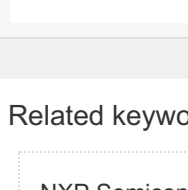
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LPC1820FET100,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23584 pcs	Data sheet	LPC18xx User Manual LPC1850,30,20,10 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	150MHz
Series	LPC18xx	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	100-TFBGA	Other Names	568-14359 935293676551 LPC1820FET100,551-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	64	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 LPC18xx Microcontroller IC 32-Bit 150MHz ROMless 100-TFBGA (9x9)	Data Converters	A/D 12x10b; D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, EBI/EMI, I ² C, Microwire, SPI, SSI, SSP, UART/USART, USB OTG	Base Part Number	LPC1820
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	Part#: LPC1815JBD144E Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1823JET100E Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1817JET100E Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1823JBD144E Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1810FET100,551 Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1812JET100E Description: IC MCU 32BIT 512KB FLSH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1825JBD144E Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1822JET100E Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1830FBD144,551 Description: IC MCU 32BIT ROMLESS 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for **LPC1820FET100,551**

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