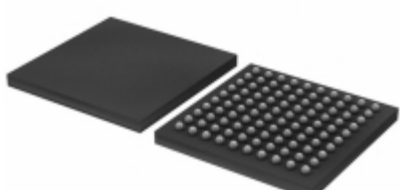


LPC1830FET100,551



Part Number: [LPC1830FET100,551](#)

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

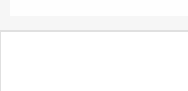
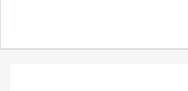
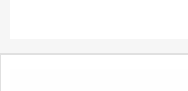
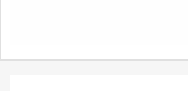
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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LPC1830FET100,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16037 pcs	Data sheet	LPC18xx User Manual LPC1850,30,20,10 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	180MHz
Series	LPC18xx	RAM Size	200K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, WDT	Packaging	Tray
Package / Case	100-TFBGA	Other Names	935296365551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	49	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 180MHz ROMless 100-TFBGA (9x9)	Data Converters	A/D 8x10b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG	Base Part Number	LPC1830
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	Part#: LPC1837JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1830FET256,551 Description: IC MCU 32BIT ROMLESS 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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