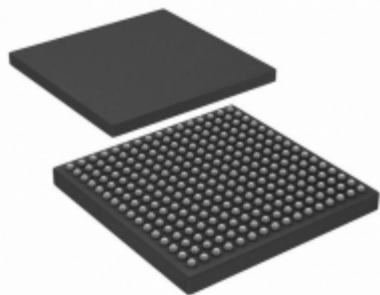


LPC1853FET256,551



Part Number: [LPC1853FET256,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 256LBGA

Data sheet:  [LPC18xx User Manual](#)
 [LPC185x,3x,2x,1x Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

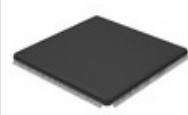
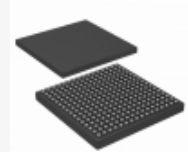
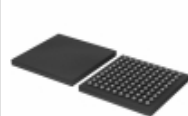
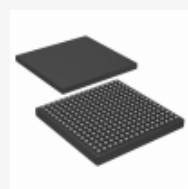
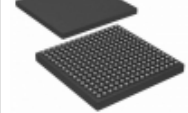
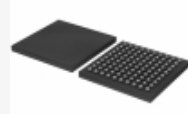
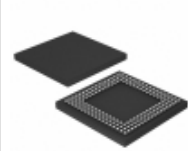
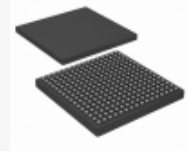
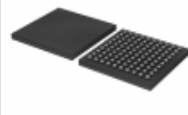
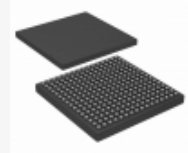
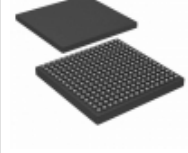
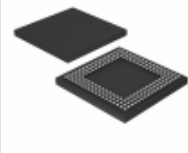
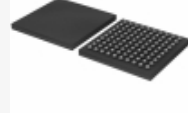
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LPC1853FET256,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 256LBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13418 pcs	Data sheet	LPC18xx User Manual LPC185x,3x,2x,1x Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Supplier Device Package	256-LBGA (17x17)	Speed	150MHz
Series	LPC18xx	RAM Size	136K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, PS, LCD, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	256-LBGA	Other Names	568-14452 935293796551 LPC1853FET256,551-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	80	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 512KB (512K x 8) FLASH 256-LBGA (17x17)	Data Converters	A/D 16x10b; D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, Microwire, SD, SPI, SSI, SSP, UART/USART, USB OTG	Base Part Number	LPC1853
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	Part#: LPC1837FET256,551 Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1833JET100E Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1857JET256,551 Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC18S10FET100E Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1837JET256,551 Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1853JET256,551 Description: IC MCU 32BIT 512KB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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