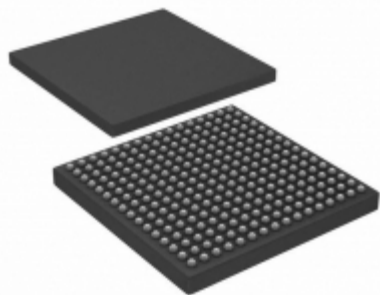


LPC1857FET256,551



Part Number: [LPC1857FET256,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 256LBGA

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

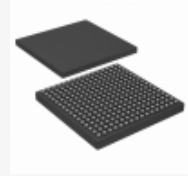
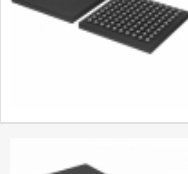
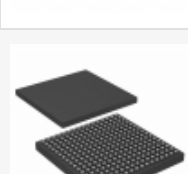
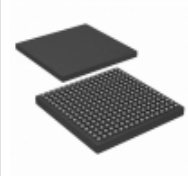
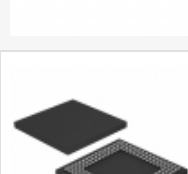
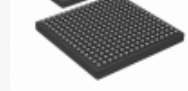
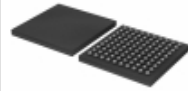
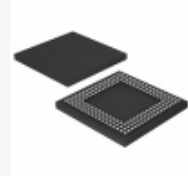
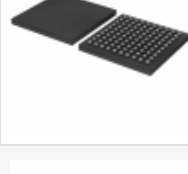
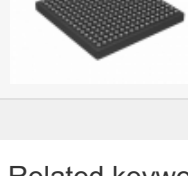
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER		
Part Number	LPC1857FET256,551	Manufacturer NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 256LBGA	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	11664 pcs	Data sheet LPC18xx User Manual LPC185x,3x,2x,1x Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 V
Supplier Device Package	256-LBGA (17x17)	Speed180MHz
Series	LPC18xx	RAM Size136K x 8
Program Memory Type	FLASH	Program Memory Size1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, Motor Control PWM, POR, PWM, WDT	PackagingTray
Package / Case	256-LBGA	Other Names568-9506 935293797551 LPC1857FET256,551-ND LPC1857FET256551
Oscillator Type	Internal	Operating Temperature-40°C ~ 85°C (TA)
Number of I/O	164	Moisture Sensitivity Level (MSL)3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS StatusLead free / RoHS Compliant
EEPROM Size	16K x 8	Detailed DescriptionARM® Cortex®-M3 LPC18xx Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 256-LBGA (17x17)
Data Converters	A/D 8x10b; D/A 1x10b	Core Size32-Bit
Core Processor	ARM® Cortex®-M3	ConnectivityCANbus, EBI/EMI, Ethernet, I ² C, IrDA, Microwire, QEI, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG
Base Part Number	LPC1857	

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	Part#: LPC18S30FET100E Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: LPC1850FET256,551 Description: IC MCU 32BIT ROMLESS 256LBGA	Manufacturers: NXP Semiconductors / Freescale RFQ

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