

NXP Semiconductors / Freescale

LPC1837FET256,551

Part Number:	LPC1837FET256,551
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 256LBGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	6616 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of LPC1837FET256,551

PART NUMBER	LPC1837FET256,551
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 256LBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6616 pcs
DATA SHEET	
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	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OTHER NAMES	568-13154 935293795551 LPC1837FET256,551-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 1MB (1M 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	LPC1837

Related Tags

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	LPC1850FET180,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: 14489 pcs RFQ		LPC1833JET100E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 8651 pcs RFQ
	LPC1850FET256,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 8377 pcs RFQ		LPC1830FET256,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 10106 pcs RFQ
	LPC1837JBD144E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6958 pcs RFQ		LPC1833FET256,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256LBGA In stock: 7869 pcs RFQ
	LPC1833JBD144E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7678 pcs RFQ		LPC1830FET180,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: 16069 pcs RFQ
	LPC1850FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 208LQFP In stock: 2758 pcs RFQ		LPC1833JET256,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256LBGA In stock: 8415 pcs RFQ
	LPC1837JET100E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 6762 pcs RFQ		LPC1837JET256,551 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 6525 pcs RFQ