

NXP Semiconductors / Freescale

LPC1837JET100E

Part Number:	LPC1837JET100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 1MB FLASH 100TFBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6762 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of LPC1837JET100E

PART NUMBER	LPC1837JET100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6762 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	180MHz
SERIES	LPC18xx
RAM SIZE	136K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	568-13591 935299815551 LPC1837JET100E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M3 LPC18xx Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 4x10b; 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	LPC1837

Related Tags

LPC1837JET100E	LPC1837JET100E Distributor	LPC1837JET100E Supplier
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Related Products

<p>LPC1837FET256,551 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 6616 pcs</p> <p>RFQ</p>	<p>LPC1833JBD144E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7678 pcs</p> <p>RFQ</p>
<p>LPC1837JBD144E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6958 pcs</p> <p>RFQ</p>	<p>LPC1833FET256,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256LBGA In stock: 7869 pcs</p> <p>RFQ</p>
<p>LPC1850FET256,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 8377 pcs</p> <p>RFQ</p>	<p>LPC1853JBD208E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 8890 pcs</p> <p>RFQ</p>
<p>LPC1850FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 208LQFP In stock: 2758 pcs</p> <p>RFQ</p>	<p>LPC1853FET256,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256LBGA In stock: 7754 pcs</p> <p>RFQ</p>
<p>LPC1850FET180,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: 14489 pcs</p> <p>RFQ</p>	<p>LPC1833JET100E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 8651 pcs</p> <p>RFQ</p>
<p>LPC1837JET256,551 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 6525 pcs</p> <p>RFQ</p>	<p>LPC1833JET256,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256LBGA In stock: 8415 pcs</p> <p>RFQ</p>