




NXP Semiconductors / Freescale

LPC1823JET100E

Part Number:	LPC1823JET100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	PDF LPC1823JET100E.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of LPC1823JET100E

PART NUMBER	LPC1823JET100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF LPC1823JET100E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	180MHz
SERIES	LPC18xx
RAM SIZE	104K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	568-14252 935299811551 LPC1823JET100E-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 512KB (512K 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, I ² C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG
BASE PART NUMBER	LPC1823

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 <p>LPC1822JBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>LPC1830FBD144K Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 144LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1817JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 260 pcs</p> <p>RFQ</p>	 <p>LPC1820FBD144,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 21 pcs</p> <p>RFQ</p>
 <p>LPC1830FBD144,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 60 pcs</p> <p>RFQ</p>	 <p>LPC1827JBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1827JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC1825JBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1825JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 768KB FLASH 100BGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC1822JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 260 pcs</p> <p>RFQ</p>