



Image may be representation. See specifications for product details.

LPC18S10FBD144E

Part Number:	LPC18S10FBD144E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT ROMLESS 144LQFP
Datasheets:	 LPC18S10FBD144E.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

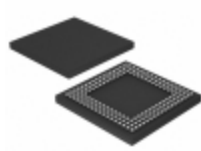
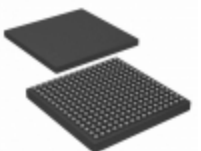
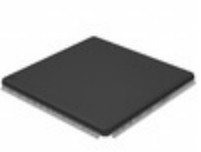
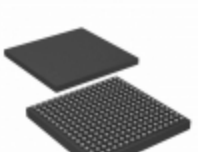
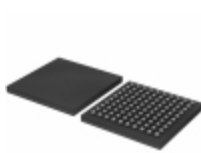
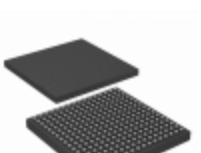
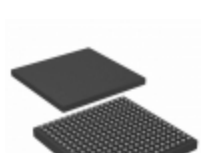
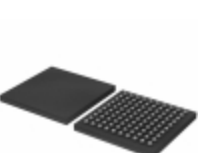
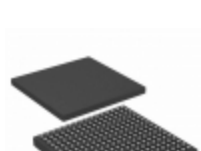
Specifications of LPC18S10FBD144E

PART NUMBER	LPC18S10FBD144E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT ROMLESS 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 LPC18S10FBD144E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	180MHz
SERIES	LPC18xx
RAM SIZE	136K x 8
PROGRAM MEMORY TYPE	ROMless
PROGRAM MEMORY SIZE	-
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	568-11700 935304121551 LPC18S10FBD144E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
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 180MHz ROMless 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b; D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, Microwire, MMC/SD, SPI, SSI, SSP, UART/USART
BASE PART NUMBER	LPC18S10

Related Tags

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Related Products

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 LPC18S30FBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 144LQFP In stock: Out stock RFQ	 LPC1853JBD208E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: Out stock RFQ
 LPC18S37JBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 60 pcs RFQ	 LPC1857FET256,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: Out stock RFQ
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