

LPC18S10FBD144E



Part Number: [LPC18S10FBD144E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 144LQFP

Data sheet:  [LPC18S50/S30/S10](#)

RoHs Status: Lead free / RoHS Compliant

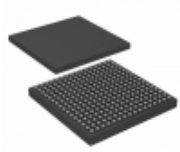
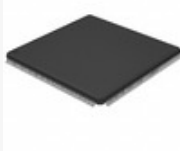
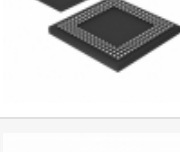
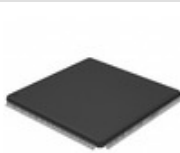
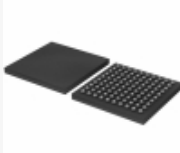
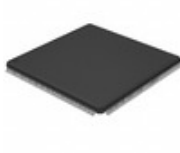
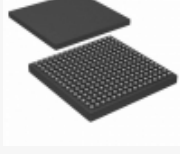
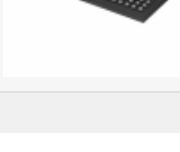
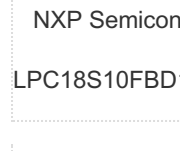
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PRODUCT PARAMETER			
Part Number	LPC18S10FBD144E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18548 pcs	Data sheet	LPC18S50/S30/S10
Category	Integrated Circuits (ICs)	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
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	Part#: LPC18S37JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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