

LPC18S30FBD144E



Part Number: [LPC18S30FBD144E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 144LQFP

Data sheet:  [LPC18xx User Manual](#)

RoHs Status: Lead free / RoHS Compliant

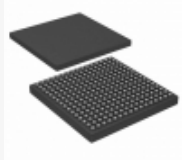
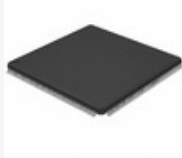
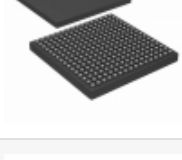
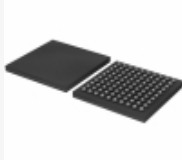
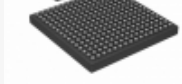
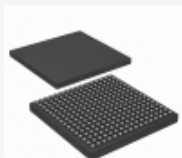
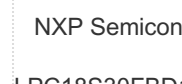
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PRODUCT PARAMETER		
Part Number	LPC18S30FBD144E	Manufacturer NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 144LQFP	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	12422 pcs	Data sheet LPC18xx User Manual
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 200K x 8
Program Memory Type	ROMless	Program Memory Size -
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging Tray
Package / Case	144-LQFP	Other Names 935305902551
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, Ethernet, I ² C, IrDA, Microwire, QEI, MMC/SD, SPI, SSI, SSP, UART/USART, USB	
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	Part#: LPC1902-9D Description: AC-DC CONVERTER	Manufacturers: Bel RFQ
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	Part#: LPC1857JBD208E Description: IC MCU 32BIT 1MB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC18S57JBD208E Description: IC MCU 32BIT 1MB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC1850FET256,551 Description: IC MCU 32BIT ROMLESS 256LBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC18S30FET100E Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC18S30FET256E Description: IC MCU 32BIT ROMLESS 256LBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC18S10FET180E Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC1857JET256,551 Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: LPC18S37JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: LPC1857FET256,551 Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC18S10FBD144E Description: IC MCU 32BIT ROMLESS 144LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: LPC2101FBD48,151 Description: IC MCU 32BIT 8KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ

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