

LPC2927FBD144,551



Part Number: [LPC2927FBD144,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:  [LPC2926,27,29](#)

RoHs Status: Lead free / RoHS Compliant

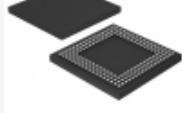
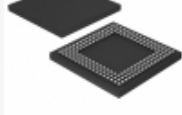
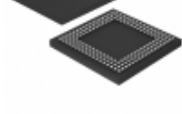
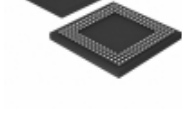
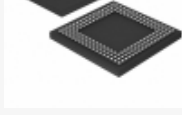
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PRODUCT PARAMETER			
Part Number	LPC2927FBD144,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4582 pcs	Data sheet	LPC2926,27,29
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	125MHz
Series	LPC2900	RAM Size	56K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	568-4694 935287117551 LPC2927FBD144-S
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	104	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	16K x 8
Detailed Description	ARM9® LPC2900 Microcontroller IC 16/32-Bit 125MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 24x10b
Core Size	16/32-Bit	Core Processor	ARM9®
Connectivity	CANbus, EBI/EMI, I²C, LINbus, SPI, UART/USART, USB	Base Part Number	LPC2927
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