

LPC2148FBD64,151



Part Number: [LPC2148FBD64,151](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 64LQFP

Data sheet:  [LPC214x](#)

RoHs Status: Lead free / RoHS Compliant

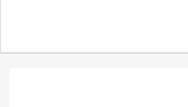
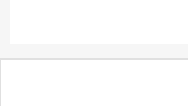
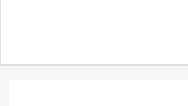
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PRODUCT PARAMETER			
Part Number	LPC2148FBD64,151	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10239 pcs	Data sheet	LPC214x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	60MHz
Series	LPC2100	RAM Size	40K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	568-1765 935280021151 LPC2148FBD64-S LPC2148FBD64151
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	45	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM7® LPC2100 Microcontroller IC 16/32-Bit 60MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 14x10b; D/A 1x10b	Core Size	16/32-Bit
Core Processor	ARM7®	Connectivity	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB
Base Part Number	LPC214*		
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