

LPC51U68JBD64QL



Part Number: [LPC51U68JBD64QL](#)

Manufacturer [NXP Semiconductors / Freescale](#)

Description 32-BIT ARM CORTEX-M0+

Data sheet:  [LPC51U68](#)

RoHs Status: Lead free / RoHS Compliant

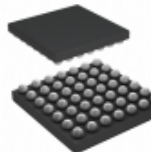
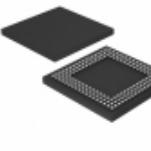
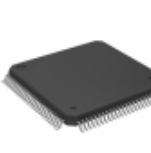
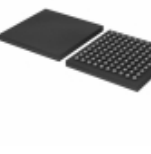
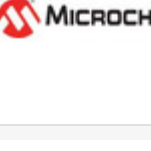
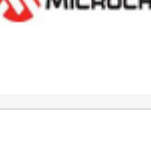
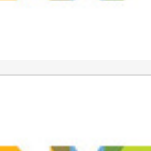
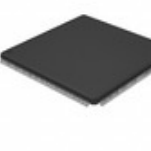
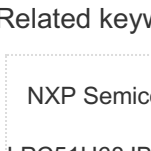
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PRODUCT PARAMETER			
Part Number	LPC51U68JBD64QL	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M0+	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	55246 pcs	Data sheet	LPC51U68
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	100MHz
Series	LPC51U	RAM Size	96K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	568-13909 935361248151 LPC51U68JBD64QL-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	48	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ LPC51U Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	Flexcomm, I ² C, SPI, UART/USART, USB		
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	Part#: LPC47N227-MV Description: IC CTRLR SUPER I/O LPC 100STQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47N217N-ABZJ Description: IC CTRLR SUPER I/O LPC 56VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: LPC47N207-JV Description: IC CTRLR SUPER I/O LPC 64STQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: LPC54101J256BD64QL Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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