

LPC51U68JBD48E



Part Number: [LPC51U68JBD48E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M0+

Data sheet:  [LPC51U68](#)

RoHs Status: Lead free / RoHS Compliant

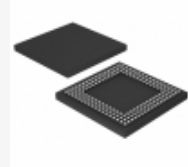
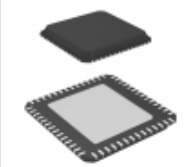
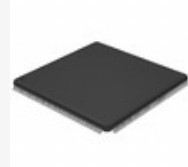
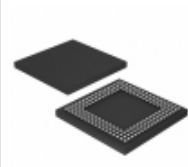
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PRODUCT PARAMETER			
Part Number	LPC51U68JBD48E	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M0+	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	50257 pcs	Data sheet	LPC51U68
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	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	48-LQFP	Other Names	568-13908 935368518551 LPC51U68JBD48E-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	37	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 48-LQFP (7x7)	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#: LPC47N217N-ABZJ Description: IC CTRLR SUPER I/O LPC 56VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC54018JBD208E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54016JET180E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54101J256UK49Z Description: IC MCU 32BIT 256KB FLASH 49WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC51U68JBD64QL Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC47N217-JV Description: IC CTRLR SUPER I/O LPC 64STQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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