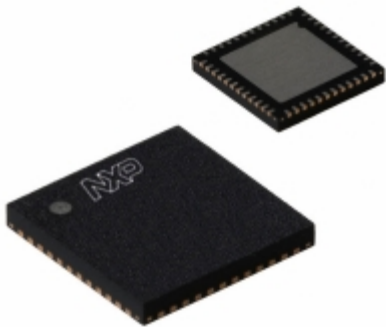


LPC845M301JHI48E



Part Number: [LPC845M301JHI48E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M0+

Data sheet: [PDF LPC84x Datasheet](#)
[PDF LPC84x Errata](#)
[PDF LPC84x User Manual](#)
[PDF LPC800 Series MCUs Brochure](#)

RoHs Status:

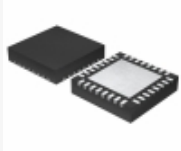
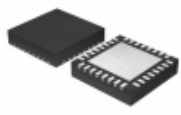
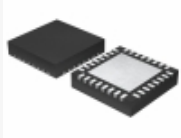
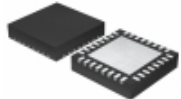
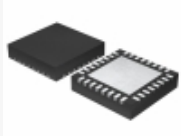
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	LPC845M301JHI48E	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M0+	Lead Free Status / RoHS Status	
Quantity Available	86887 pcs	Data sheet	LPC84x Datasheet LPC84x Errata LPC84x User Manual LPC800 Series MCUs Brochure
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	48-HVQFN (7x7)	Speed	30MHz
Series	LPC84x	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, Cap Sense, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	568-14558 935336508551 LPC845M301JHI48E-ND
Oscillator Type	Internal/External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	42	Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ LPC84x Microcontroller IC 32-Bit 30MHz 64KB (64K x 8) FLASH 48-HVQFN (7x7)
Data Converters	A/D 12x12b, D/A 2x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
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	Part#: LPC92B99-BWHR Description: FAN AXIAL 92X25MM 90-264VAC WIRE	Manufacturers: Mechatronics	RFQ
	Part#: LPC844M201JBD48E Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC92B99-BTLR Description: FAN AXIAL 92X25MM 90-264VAC TERM	Manufacturers: Mechatronics	RFQ
	Part#: LPC845M301JHI33Y Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC845M301JHI33E Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC8N04FHI24Z Description: LPC8N04 MICROCONTROLLER	Manufacturers: NXP Semiconductors / Freescale	RFQ
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