

NXP Semiconductors / Freescale

LPC845M301JHI48E

Part Number:	LPC845M301JHI48E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	32-BIT ARM CORTEX-M0+
Datasheets:	
Stock Condition:	35822 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of LPC845M301JHI48E

PART NUMBER	LPC845M301JHI48E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	32-BIT ARM CORTEX-M0+
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	35822 pcs
DATA SHEET	
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	I ² C, SPI, UART/USART

Related Tags

LPC845M301JHI48E	LPC845M301JHI48E Distributor	LPC845M301JHI48E Supplier
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Related Products

<p>LPC845M301JBD48E Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 40975 pcs RFQ</p>	<p>LPC92B99-BWHR Manufacturers: Mechatronics Description: FAN AXIAL 92X25MM 90-264VAC WIRE In stock: 3768 pcs RFQ</p>
<p>LPC845M301JHI33Y Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 107409 pcs RFQ</p>	<p>LPC8N04FHI24E Manufacturers: NXP Description: LPC8N04 MICROCONTROLLER In stock: 43824 pcs RFQ</p>
<p>LPC844M201JHI33Y Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 114313 pcs RFQ</p>	<p>LPC92B99-BTLR Manufacturers: Mechatronics Description: FAN AXIAL 92X25MM 90-264VAC TERM In stock: 5358 pcs RFQ</p>
<p>LPCBUFG20-30M Manufacturers: HellermannTyton Description: 20MM FOOD GRADE TUBING 30M In stock: 727 pcs RFQ</p>	<p>LPC845M301JHI33E Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 70552 pcs RFQ</p>
<p>LPC844M201JHI48E Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 39386 pcs RFQ</p>	<p>LPC8N04FHI24Z Manufacturers: NXP Description: LPC8N04 MICROCONTROLLER In stock: 91520 pcs RFQ</p>
<p>LPC845M301JBD64E Manufacturers: NXP Description: 32-BIT ARM CORTEX-M0+ In stock: 32533 pcs RFQ</p>	<p>LPC92B99-BTHR Manufacturers: Mechatronics Description: FAN AXIAL 92X25MM 90-264VAC EC In stock: 2911 pcs RFQ</p>