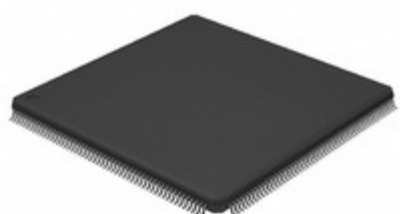


LPC54016JBD208E



Part Number: [LPC54016JBD208E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M4

Data sheet:  [LPC540xx](#)
 [LPC540xx Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

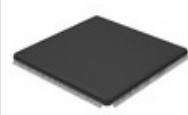
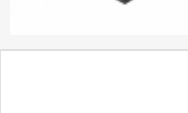
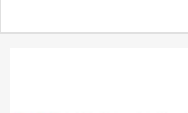
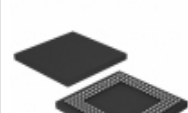
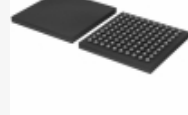
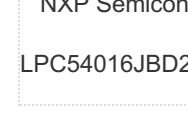
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PRODUCT PARAMETER			
Part Number	LPC54016JBD208E	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M4	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17934 pcs	Data sheet	LPC540xx LPC540xx Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	208-LQFP (28x28)	Speed	180MHz
Series	LPC540xx	RAM Size	360K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	208-LQFP	Other Names	568-13836 935350939551 LPC54016JBD208E-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	171	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 LPC540xx Microcontroller IC 32-Bit 180MHz ROMless 208-LQFP (28x28)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, MMC/SD/SDIO, SmartCard, SPI, SPIFI, UART/USART, USB		
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	Part#: LPC54018JBD208E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC54005JBD100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54102J256BD64QL Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47N267-MV Description: IC CTRLR SUPER I/O LPC 100STQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC54102J512BD64QL Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54101J512BD64QL Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC51U68JBD64QL Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47N237-MT Description: IC CTRLR SUPER I/O LPC 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47N227-MV Description: IC CTRLR SUPER I/O LPC 100STQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC54101J256BD64QL Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC51U68JBD48E Description: 32-BIT ARM CORTEX-M0+	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC54101J256UK49Z Description: IC MCU 32BIT 256KB FLASH 49WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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