

LPC54S005JBD100E



Part Number: [LPC54S005JBD100E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M4

Data sheet:  [LPC540xx Fact Sheet](#)

RoHS Status: Lead free / RoHS Compliant

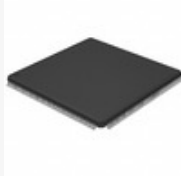
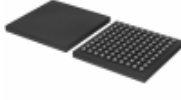
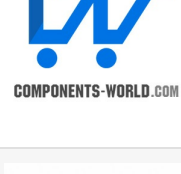
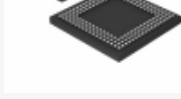
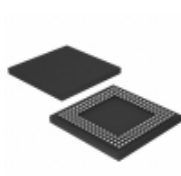
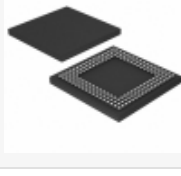
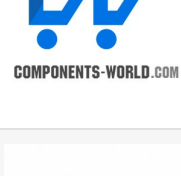
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PRODUCT PARAMETER				
Part Number	LPC54S005JBD100E	Manufacturer	NXP Semiconductors / Freescale	
Description	32-BIT ARM CORTEX-M4	Lead Free Status / RoHS Status	Lead free / RoHS Compliant	
Quantity Available	11527 pcs	Data sheet	LPC540xx Fact Sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V	
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	
Other Names	935350954551	Oscillator Type	Internal	
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	64	
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-	
Detailed Description	ARM® Cortex®-M4 LPC540xx Microcontroller IC 32-Bit 180MHz ROMless		Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4	
Connectivity	EBI/EMI, I ² C, MMC/SD/SDIO, SmartCard, SPI, SPIFI, UART/USART, USB			
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	Part#: LPC54S018JET180E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54608J512BD208E Description: IC MCU 32BIT 512KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54616J512ET100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC660AIM/NOPB Description: IC OPAMP GP 350KHZ RRO 14SOIC	Manufacturers: N/A	RFQ
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	Part#: LPC54S005JET100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC660AIM Description: IC OPAMP GP 350KHZ RRO 14SOIC	Manufacturers: N/A	RFQ
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	Part#: LPC54S016JBD100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54618J512ET180E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54608J512ET180E Description: IC MCU 32BIT 512KB FLASH 180BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC660AIMX/NOPB Description: IC OPAMP GP 350KHZ RRO 14SOIC	Manufacturers: N/A	RFQ
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