

LPC54605J512BD100E



Part Number: [LPC54605J512BD100E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M4

Data sheet:  [LPC546xx User Manual](#)
 [LPC546xx Datasheet](#)
 [LPC546xx MCU Family Fact Sheet](#)
 [LPC546xx Errata](#)

RoHs Status: Lead free / RoHS Compliant

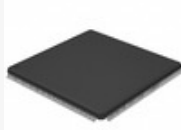
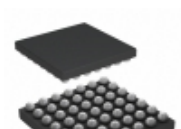
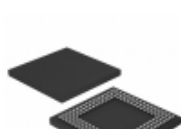
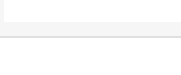
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PRODUCT PARAMETER			
Part Number	LPC54605J512BD100E	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M4	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16766 pcs	Data sheet	LPC546xx User Manual LPC546xx Datasheet LPC546xx MCU Family Fact Sheet LPC546xx Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Speed	180MHz	Series	LPC546xx
RAM Size	200K x 8	Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)	Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Other Names	935357964551	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	64
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	16K x 8	Detailed Description	ARM® Cortex®-M4 LPC546xx Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH
Data Converters	A/D 12x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, SPI, UART/USART, USB
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	Part#: LPC54114J256BD64QL Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC54606J512ET100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC54102J512BD64QL Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC54113J256UK49Z Description: IC MCU 32BIT 256KB FLASH 49WLCSP	Manufacturers: NXP USA Inc.	RFQ

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