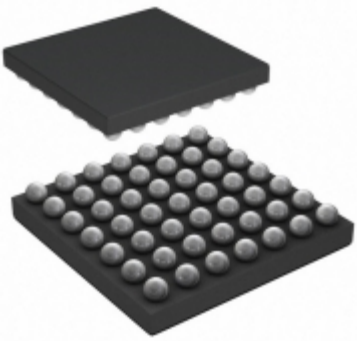


LPC54101J512UK49Z



Part Number: [LPC54101J512UK49Z](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 49WLCSP

Data sheet:  [LPC5410x](#)

RoHs Status: Lead free / RoHS Compliant

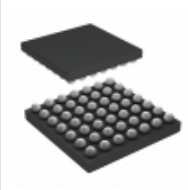
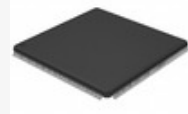
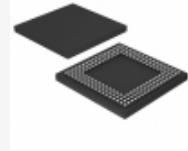
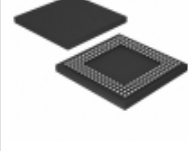
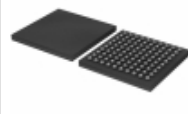
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PRODUCT PARAMETER			
Part Number	LPC54101J512UK49Z	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 49WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31294 pcs	Data sheet	LPC5410x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	49-WLCSP (3.29x3.29)	Speed	100MHz
Series	LPC54100	RAM Size	104K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	49-UFBGA, WLCSP	Other Names	568-12891-6
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	39	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 LPC54100 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 49-WLCSP (3.29x3.29)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I²C, SPI, UART/USART		
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	Part#: LPC54016JET180E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
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