




NXP Semiconductors / Freescale

LPC54101J512UK49Z

Part Number:	LPC54101J512UK49Z
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 512KB FLASH 49WLCSP
Datasheets:	PDF LPC54101J512UK49Z.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

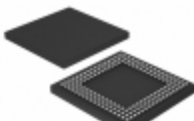
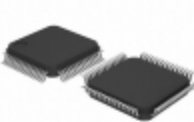
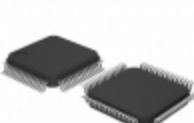
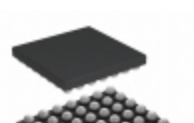
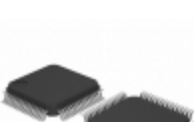
Specifications of LPC54101J512UK49Z

PART NUMBER	LPC54101J512UK49Z
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 49WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF LPC54101J512UK49Z.pdf
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-UFPGA, 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	I ² C, SPI, UART/USART

Related Tags

NXP Semiconductors / Freescale LPC54101J512UK49Z	LPC54101J512UK49Z Distributor	LPC54101J512UK49Z Supplier
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Related Products

 <p>LPC54018JBD208E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 322 pcs</p> <p>RFQ</p>	 <p>LPC54018JET180E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 189 pcs</p> <p>RFQ</p>
 <p>LPC54016JET180E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 189 pcs</p> <p>RFQ</p>	 <p>LPC54113J128BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 85 pcs</p> <p>RFQ</p>
 <p>LPC54101J512BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 193 pcs</p> <p>RFQ</p>	 <p>LPC54101J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 384 pcs</p> <p>RFQ</p>
 <p>LPC54102J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 500 pcs</p> <p>RFQ</p>	 <p>LPC54102J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 251 pcs</p> <p>RFQ</p>
 <p>LPC54102J512UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock</p> <p>RFQ</p>	 <p>LPC54101J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC54113J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>LPC54102J512BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 623 pcs</p> <p>RFQ</p>