



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

LPC54102J512BD64QL

Part Number:	LPC54102J512BD64QL
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 64LQFP
Datasheets:	 LPC54102J512BD64QL.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

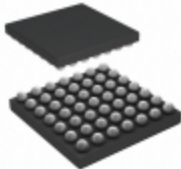
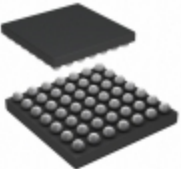
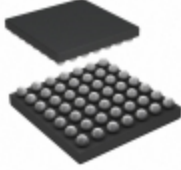
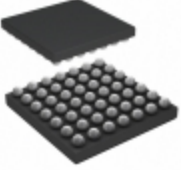
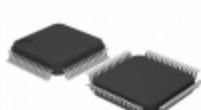
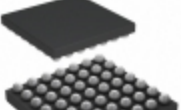
Specifications of LPC54102J512BD64QL

PART NUMBER	LPC54102J512BD64QL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 LPC54102J512BD64QL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
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	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	568-12889 935305138151 LPC54102J512BD64QL-ND Q9691206
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4/M0+ LPC54100 Microcontroller IC 32-Bit Dual-Core 100MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4/M0+
CONNECTIVITY	I²C, SPI, UART/USART

Related Tags

NXP Semiconductors / Freescale LPC54102J512BD64QL	LPC54102J512BD64QL Distributor	LPC54102J512BD64QL Supplier
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Freescale Semiconductor - NXP LPC54102J512BD64QL	NXP USA Inc. LPC54102J512BD64QL	

Related Products

 LPC54113J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 LPC54102J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 251 pcs RFQ
 LPC54102J512UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock RFQ	 LPC54101J512UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 153 pcs RFQ
 LPC54114J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 274 pcs RFQ	 LPC54101J512BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 193 pcs RFQ
 LPC54102J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 500 pcs RFQ	 LPC54101J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: Out stock RFQ
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