

LPC54102J512UK49Z Information


For Reference Only

Part Number [LPC54102J512UK49Z](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 49WLCSP
Package 49-UFBGA, WLCSP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



[Request a Quote](#)

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


LPC54102J512UK49Z Specifications

Manufacturer Part Number	LPC54102J512UK49Z
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	49-UFBGA, WLCSP
Series	LPC54100
Core Processor	ARM? Cortex?-M4/M0+
Core Size	32-Bit Dual-Core
Speed	100MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	39
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	104K x 8
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Data Converters	A/D 12x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	49-UFBGA, WLCSP
Supplier Device Package	49-WLCSP (3.29x3.29)

[Report errors?](#)

LPC54102J512UK49Z Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

LPC54102J512UK49Z Payment Methods



LPC54102J512UK49Z Shipping Methods



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