

LPC54616J512BD100E Information


For Reference Only

Part Number [LPC54616J512BD100E](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description 32-BIT ARM CORTEX-M4
Package 100-LQFP
 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.


LPC54616J512BD100E Specifications

Manufacturer Part Number	LPC54616J512BD100E
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-LQFP
Series	LPC546xx
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	180MHz
Connectivity	CANbus, Ethernet, I ² C, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Number of I/O	64
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	16K x 8
RAM Size	200K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 12x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)

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LPC54616J512BD100E 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.

LPC54616J512BD100E Payment Methods



LPC54616J512BD100E Shipping Methods



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