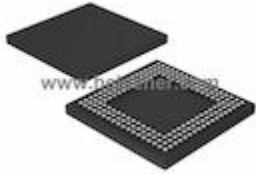


LPC54616J256ET180E Information


For Reference Only

Part Number [LPC54616J256ET180E](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description 32-BIT ARM CORTEX-M4
Package 180-TFBGA
 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.


LPC54616J256ET180E Specifications

Manufacturer Part Number	LPC54616J256ET180E
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	180-TFBGA
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	145
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	16K x 8
RAM Size	136K 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	180-TFBGA
Supplier Device Package	180-TFBGA (12x12)

[Report errors?](#)

LPC54616J256ET180E 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.

LPC54616J256ET180E Payment Methods



LPC54616J256ET180E Shipping Methods



If you have any question about LPC54616J256ET180E, please do not hesitate to contact us!

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E-mail: salesdept@heisener.com