

**LPC54018J4MET180E Information**


For Reference Only

**Part Number** [LPC54018J4MET180E](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU CORTEX M4 BGA181  
**Package** 180-TFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**LPC54018J4MET180E Specifications**

Manufacturer Part Number	<a href="#">LPC54018J4MET180E</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	180-TFBGA
Series	LPC540xx
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	180MHz
Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, MMC/SD/SDIO, SmartCard, SPI, SPIFI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, POR, PWM, WDT
Number of I/O	137
Program Memory Size	4MB (4M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	360K x 8
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V
Data Converters	A/D 12x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	Surface Mount
Package / Case	180-TFBGA
Supplier Device Package	180-TFBGA (12x12)

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## LPC54018J4MET180E 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.

## LPC54018J4MET180E Payment Methods



## LPC54018J4MET180E Shipping Methods



If you have any question about LPC54018J4MET180E, please do not hesitate to contact us!

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