

# LPC54018J2MET180E

#### LPC54018J2MET180E Information

	Part Number Manufacturer Category Description Package	LPC54018J2MET180E NXP Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU CORTEX M4 BGA180 180-TFBGA For the pricing/inventory/lead time, please contact	
For Reference Only		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.



## LPC54018J2MET180E Specifications

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Manufacturer Part Number	LPC54018J2MET180E		
Manufacturer	NXP		
Category	Integrated Circuits (ICs)		
	Embedded - Microcontrollers		
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, I2S, LCD, POR, PWM, WDT		
Number of I/O	137		
Program Memory Size	2MB (2M 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)		
	Report errors?		

#### LPC54018J2MET180E 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DISCOVER

#### LPC54018J2MET180E Payment Methods



### LPC54018J2MET180E Shipping Methods



If you have any question about LPC54018J2MET180E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com