

**M4FR5969SPHPT-MLS Information**


For Reference Only

**Part Number** [M4FR5969SPHPT-MLS](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** DEVELOPMENT EMBEDDED  
**Package** 48-PowerTQFP  
 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.


**M4FR5969SPHPT-MLS Specifications**

Manufacturer Part Number	<a href="#">M4FR5969SPHPT-MLS</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-PowerTQFP
Series	MSP430™ FRAM
Core Processor	CPUXV2
Core Size	16-Bit
Speed	16MHz
Connectivity	I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	40
Program Memory Size	64KB (64K x 8)
Program Memory Type	FRAM
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-55°C ~ 105°C (TJ)
Mounting Type	Surface Mount
Package / Case	48-PowerTQFP
Supplier Device Package	48-HTQFP (7x7)

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## M4FR5969SPHPT-MLS 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.

## M4FR5969SPHPT-MLS Payment Methods



## M4FR5969SPHPT-MLS Shipping Methods



If you have any question about M4FR5969SPHPT-MLS, please do not hesitate to contact us!

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