

**M2S005S-TQG144 Information**


For Reference Only

**Part Number** [M2S005S-TQG144](#)  
**Manufacturer** Microsemi Corporation  
**Category** Integrated Circuits (ICs)  
[Embedded - System On Chip \(SoC\)](#)  
**Description** IC FPGA SOC 5K LUTS  
**Package** 144-LQFP  
 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.


**M2S005S-TQG144 Specifications**

Manufacturer Part Number	<a href="#">M2S005S-TQG144</a>
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - System On Chip (SoC)</a>
Package	144-LQFP
Series	SmartFusion?2
Architecture	MCU, FPGA
Core Processor	ARM? Cortex?-M3
Flash Size	128KB
RAM Size	64KB
Peripherals	DDR
Connectivity	CAN, Ethernet, I2C, SPI, UART/USART, USB
Speed	166MHz
Primary Attributes	FPGA - 5K Logic Modules
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	144-LQFP
Supplier Device Package	144-TQFP (20x20)

[Report errors?](#)

## M2S005S-TQG144 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.

## M2S005S-TQG144 Payment Methods



## M2S005S-TQG144 Shipping Methods



If you have any question about M2S005S-TQG144, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)