

M2S005-TQG144 Information


For Reference Only

Part Number [M2S005-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


[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.


M2S005-TQG144 Specifications

Manufacturer Part Number	M2S005-TQG144
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) Embedded - System On Chip (SoC)
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)

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M2S005-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.

M2S005-TQG144 Payment Methods



M2S005-TQG144 Shipping Methods



If you have any question about M2S005-TQG144, please do not hesitate to contact us!

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