

M2S005S-TQ144 Information


For Reference Only

Part Number [M2S005S-TQ144](#)
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.


M2S005S-TQ144 Specifications

| | |
|--------------------------|--|
| Manufacturer Part Number | M2S005S-TQ144 |
| 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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M2S005S-TQ144 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-TQ144 Payment Methods



M2S005S-TQ144 Shipping Methods



If you have any question about M2S005S-TQ144, please do not hesitate to contact us!

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