## M2S050-1FG896 Information

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|---|---|
| **Part Number** | M2S050-1FG896 |
| **Manufacturer** | Microsemi Corporation |
| **Category** | Integrated Circuits (ICs)<br>Embedded - System On Chip (SoC) |
| **Description** | IC FPGA SOC 50K LUTS 896FBGA |
| **Package** | 896-FBGA |

For Reference Only

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.

## M2S050-1FG896 Specifications

| | |
|---|---|
| Manufacturer Part Number | M2S050-1FG896 |
| Manufacturer | Microsemi Corporation |
| Category | Integrated Circuits (ICs) |
| | Embedded - System On Chip (SoC) |
| Package | 896-FBGA |
| Series | SmartFusion?2 |
| Architecture | MCU, FPGA |
| Core Processor | ARM? Cortex?-M3 |
| Flash Size | 256KB |
| RAM Size | 64KB |
| Peripherals | DDR, PCIe, SERDES |
| Connectivity | CAN, Ethernet, I2C, SPI, UART/USART, USB |
| Speed | 166MHz |
| Primary Attributes | FPGA - 50K Logic Modules |
| Operating Temperature | 0°C ~ 85°C (TJ) |
| Package / Case | 896-FBGA |
| Supplier Device Package | 896-FBGA (31x31) |
| | Report errors? |

## M2S050-1FG896 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.

## M2S050-1FG896 Payment Methods

## M2S050-1FG896 Shipping Methods

If you have any question about M2S050-1FG896, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com