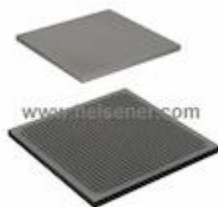


M2S050-1FG896I Information


For Reference Only

Part Number [M2S050-1FG896I](#)
Manufacturer Microsemi Corporation
Category Integrated Circuits (ICs)
[Embedded - System On Chip \(SoC\)](#)
Description IC FPGA SOC 50K LUTS 400VFBGA
Package 896-FBGA
 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.


M2S050-1FG896I Specifications

| | |
|--------------------------------|--|
| Manufacturer Part Number | M2S050-1FG896I |
| 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 | -40°C ~ 100°C (TJ) |
| Package / Case | 896-FBGA |
| Supplier Device Package | 896-FBGA (31x31) |
| Report errors? | |

M2S050-1FG896I 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.

M2S050-1FG896I Payment Methods



M2S050-1FG896I Shipping Methods



If you have any question about M2S050-1FG896I, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com