

**M2S090TS-1FG676I Information**


For Reference Only

**Part Number** [M2S090TS-1FG676I](#)  
**Manufacturer** Microsemi Corporation  
**Category** Integrated Circuits (ICs)  
[Embedded - System On Chip \(SoC\)](#)  
**Description** IC FPGA SOC 90K LUTS 676FBGA  
**Package** 676-BGA  
 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.


**M2S090TS-1FG676I Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">M2S090TS-1FG676I</a>   |
| Manufacturer             | Microsemi Corporation  |
| Category                 | Integrated Circuits (ICs)<br><a href="#">Embedded - System On Chip (SoC)</a> |
| Package                  | 676-BGA  |
| Series                   | SmartFusion?2  |
| Architecture             | MCU, FPGA  |
| Core Processor           | ARM? Cortex?-M3  |
| Flash Size               | 512KB  |
| RAM Size                 | 64KB   |
| Peripherals              | DDR, PCIe, SERDES  |
| Connectivity             | CAN, Ethernet, I2C, SPI, UART/USART, USB                                     |
| Speed                    | 166MHz   |
| Primary Attributes       | FPGA - 90K Logic Modules   |
| Operating Temperature    | -40°C ~ 100°C (TJ)   |
| Package / Case           | 676-BGA  |
| Supplier Device Package  | 676-FBGA (27x27)   |

[Report errors?](#)

## M2S090TS-1FG676I 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.

## M2S090TS-1FG676I Payment Methods



## M2S090TS-1FG676I Shipping Methods



If you have any question about M2S090TS-1FG676I, please do not hesitate to contact us!

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