

M2S090-1FG676 Information


For Reference Only

Part Number [M2S090-1FG676](#)
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


[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.


M2S090-1FG676 Specifications

Manufacturer Part Number	M2S090-1FG676
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) Embedded - System On Chip (SoC)
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	0°C ~ 85°C (TJ)
Package / Case	676-BGA
Supplier Device Package	676-FBGA (27x27)

[Report errors?](#)

M2S090-1FG676 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.

M2S090-1FG676 Payment Methods



M2S090-1FG676 Shipping Methods



If you have any question about M2S090-1FG676, please do not hesitate to contact us!

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