

**M1A3PE3000-1FGG896I Information**


For Reference Only

**Part Number** [M1A3PE3000-1FGG896I](#)  
**Manufacturer** Microsemi Corporation  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** IC FPGA 620 I/O 896FBGA  
**Package** 896-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.


**M1A3PE3000-1FGG896I Specifications**

Manufacturer Part Number	<a href="#">M1A3PE3000-1FGG896I</a>
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	896-BGA
Series	ProASIC3E
Number of LABs/CLBs	-
Number of Logic Elements/Cells	-
Total RAM Bits	516096
Number of I/O	620
Number of Gates	3000000
Voltage - Supply	1.425 V ~ 1.575 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	896-BGA
Supplier Device Package	896-FBGA (31x31)

[Report errors?](#)

## M1A3PE3000-1FGG896I 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.

## M1A3PE3000-1FGG896I Payment Methods



## M1A3PE3000-1FGG896I Shipping Methods



If you have any question about M1A3PE3000-1FGG896I, please do not hesitate to contact us!

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