

**A2F500M3G-1FGG256I Information**


For Reference Only

**Part Number** [A2F500M3G-1FGG256I](#)  
**Manufacturer** Microsemi Corporation  
**Category** Integrated Circuits (ICs)  
     [Embedded - System On Chip \(SoC\)](#)  
**Description** IC FPGA 500K GATES 512KB 256-BGA  
**Package** 256-LBGA  
 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.


**A2F500M3G-1FGG256I Specifications**

Manufacturer Part Number	<a href="#">A2F500M3G-1FGG256I</a>
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - System On Chip (SoC)</a>
Package	256-LBGA
Series	SmartFusion?
Architecture	MCU, FPGA
Core Processor	ARM? Cortex?-M3
Flash Size	512KB
RAM Size	64KB
Peripherals	DMA, POR, WDT
Connectivity	EBI/EMI, Ethernet, I2C, SPI, UART/USART
Speed	100MHz
Primary Attributes	ProASIC?3 FPGA, 500K Gates, 11520 D-Flip-Flops
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	256-LBGA
Supplier Device Package	256-FBGA (17x17)

[Report errors?](#)

## A2F500M3G-1FGG256I 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.

## A2F500M3G-1FGG256I Payment Methods



## A2F500M3G-1FGG256I Shipping Methods



If you have any question about A2F500M3G-1FGG256I, please do not hesitate to contact us!

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