

**5CGTFD9E5F31C7N Information**


For Reference Only

**Part Number** 5CGTFD9E5F31C7N  
**Manufacturer** Altera  
**Category** Integrated Circuits (ICs)  
 Embedded - FPGAs (Field Programmable Gate Array)  
**Description** IC FPGA 480 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.


**5CGTFD9E5F31C7N Specifications**

Manufacturer Part Number	5CGTFD9E5F31C7N
Manufacturer	Altera
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	896-BGA
Series	Cyclone? V GT
Number of LABs/CLBs	113560
Number of Logic Elements/Cells	301000
Total RAM Bits	14251008
Number of I/O	480
Number of Gates	-
Voltage - Supply	1.07 V ~ 1.13 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	896-BGA
Supplier Device Package	896-FBGA (31x31)

[Report errors?](#)

## 5CGTFD9E5F31C7N 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.

## 5CGTFD9E5F31C7N Payment Methods



## 5CGTFD9E5F31C7N Shipping Methods



If you have any question about 5CGTFD9E5F31C7N, please do not hesitate to contact us!

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