

**5SGSMD5K2F40C2LN Information**


For Reference Only

**Part Number** [5SGSMD5K2F40C2LN](#)  
**Manufacturer** Altera  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** IC FPGA 696 I/O 1517FBGA  
**Package** 1517-BBGA, FCBGA  
 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.


**5SGSMD5K2F40C2LN Specifications**

Manufacturer Part Number	<a href="#">5SGSMD5K2F40C2LN</a>
Manufacturer	Altera
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	1517-BBGA, FCBGA
Series	Stratix? V GS
Number of LABs/CLBs	172600
Number of Logic Elements/Cells	457000
Total RAM Bits	46769152
Number of I/O	696
Number of Gates	-
Voltage - Supply	0.82 V ~ 0.88 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	1517-BBGA, FCBGA
Supplier Device Package	1517-FBGA (40x40)

[Report errors?](#)

## 5SGSMD5K2F40C2LN 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.

## 5SGSMD5K2F40C2LN Payment Methods



## 5SGSMD5K2F40C2LN Shipping Methods



If you have any question about 5SGSMD5K2F40C2LN, please do not hesitate to contact us!

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