

**5SGSMD6K2F40I2LN Information**


For Reference Only

**Part Number** 5SGSMD6K2F40I2LN  
**Manufacturer** Intel  
**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.


**5SGSMD6K2F40I2LN Specifications**

Manufacturer Part Number	5SGSMD6K2F40I2LN
Manufacturer	Intel
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	1517-BBGA, FCBGA
Series	Stratix® V GS
Number of LABs/CLBs	220000
Number of Logic Elements/Cells	583000
Total RAM Bits	54553600
Number of I/O	696
Number of Gates	-
Voltage - Supply	0.82 V ~ 0.88 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	1517-BBGA, FCBGA
Supplier Device Package	1517-FBGA (40x40)

[Report errors?](#)

## 5SGSMD6K2F40I2LN 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.

## 5SGSMD6K2F40I2LN Payment Methods



## 5SGSMD6K2F40I2LN Shipping Methods



If you have any question about 5SGSMD6K2F40I2LN, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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