

5SGSMD6N1F45I2N Information


For Reference Only

Part Number [5SGSMD6N1F45I2N](#)
Manufacturer Altera
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 840 I/O 1932FBGA
Package 1932-BBGA, FCBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


5SGSMD6N1F45I2N Specifications

Manufacturer Part Number	5SGSMD6N1F45I2N
Manufacturer	Altera
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	1932-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	840
Number of Gates	-
Voltage - Supply	0.87 V ~ 0.93 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	1932-BBGA, FCBGA
Supplier Device Package	1932-FBGA (45x45)

[Report errors?](#)

5SGSMD6N1F45I2N 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.

5SGSMD6N1F45I2N Payment Methods



5SGSMD6N1F45I2N Shipping Methods



If you have any question about 5SGSMD6N1F45I2N, please do not hesitate to contact us!

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