

**XC3S1600E-5FG320C Information**


For Reference Only

**Part Number** [XC3S1600E-5FG320C](#)  
**Manufacturer** Xilinx Inc.  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** IC FPGA 250 I/O 320FBGA  
**Package** 320-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.


**XC3S1600E-5FG320C Specifications**

Manufacturer Part Number	<a href="#">XC3S1600E-5FG320C</a>
Manufacturer	Xilinx Inc.
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	320-BGA
Series	Spartan?-3E
Number of LABs/CLBs	3688
Number of Logic Elements/Cells	33192
Total RAM Bits	663552
Number of I/O	250
Number of Gates	1600000
Voltage - Supply	1.14 V ~ 1.26 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	320-BGA
Supplier Device Package	320-FBGA (19x19)

[Report errors?](#)

## XC3S1600E-5FG320C 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.

## XC3S1600E-5FG320C Payment Methods



## XC3S1600E-5FG320C Shipping Methods



If you have any question about XC3S1600E-5FG320C, please do not hesitate to contact us!

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

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