

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


[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	XC3S1600E-5FG320C
Manufacturer	Xilinx Inc.
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
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!

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