

XCV1600E-8FG680C Information


For Reference Only

Part Number [XCV1600E-8FG680C](#)
Manufacturer Xilinx Inc.
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 512 I/O 680FBGA
Package 680-LBGA Exposed Pad
 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.


XCV1600E-8FG680C Specifications

Manufacturer Part Number	XCV1600E-8FG680C
Manufacturer	Xilinx Inc.
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	680-LBGA Exposed Pad
Series	Virtex?-E
Number of LABs/CLBs	7776
Number of Logic Elements/Cells	34992
Total RAM Bits	589824
Number of I/O	512
Number of Gates	2188742
Voltage - Supply	1.71 V ~ 1.89 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	680-LBGA Exposed Pad
Supplier Device Package	680-FTEBGA (40x40)

[Report errors?](#)

XCV1600E-8FG680C 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.

XCV1600E-8FG680C Payment Methods



XCV1600E-8FG680C Shipping Methods



If you have any question about XCV1600E-8FG680C, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com