

**XC7S6-1CPGA196I Information**


For Reference Only

**Part Number** [XC7S6-1CPGA196I](#)  
**Manufacturer** Xilinx Inc.  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** XC7S6-1CPGA196I  
**Package** 196-TFBGA, CSBGA  
 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.


**XC7S6-1CPGA196I Specifications**

Manufacturer Part Number	<a href="#">XC7S6-1CPGA196I</a>
Manufacturer	Xilinx Inc.
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	196-TFBGA, CSBGA
Series	Spartan®-7
Number of LABs/CLBs	-
Number of Logic Elements/Cells	6000
Total RAM Bits	184320
Number of I/O	100
Number of Gates	-
Voltage - Supply	0.95 V ~ 1.05 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	196-TFBGA, CSBGA
Supplier Device Package	196-CSPBGA (8x8)

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## XC7S6-1CPGA196I 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.

## XC7S6-1CPGA196I Payment Methods



## XC7S6-1CPGA196I Shipping Methods



If you have any question about XC7S6-1CPGA196I, please do not hesitate to contact us!

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