

5CEFA4F23I7N Information



For Reference Only

Part Number [5CEFA4F23I7N](#)
Manufacturer Altera
Category Integrated Circuits (ICs)
 Embedded - FPGAs (Field Programmable Gate Array)
Description IC FPGA 224 I/O 484FBGA
Package 484-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.



5CEFA4F23I7N Specifications

Manufacturer Part Number	5CEFA4F23I7N
Manufacturer	Altera
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	484-BGA
Series	Cyclone? V E
Number of LABs/CLBs	18480
Number of Logic Elements/Cells	49000
Total RAM Bits	3464192
Number of I/O	224
Number of Gates	-
Voltage - Supply	1.07 V ~ 1.13 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	484-BGA
Supplier Device Package	484-FBGA (23x23)

[Report errors?](#)

5CEFA4F23I7N 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.

5CEFA4F23I7N Payment Methods



5CEFA4F23I7N Shipping Methods



If you have any question about 5CEFA4F23I7N, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com