

## EP20K160ETC144-3N

## EP20K160ETC144-3N Information

Part Number EP20K160ETC144-3N
Manufacturer Altera

Category Integrated Circuits (ICs)

Embedded - FPGAs (Field Programmable Gate

Array)

**Description** IC FPGA 88 I/O 144TQFP

Package 144-LQFP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

For Reference Only

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.









## EP20K160ETC144-3N Specifications

Manufacturer Part Number	EP20K160ETC144-3N
Manufacturer	Altera
Category	Integrated Circuits (ICs)
	Embedded - FPGAs (Field Programmable Gate Array)
Package	144-LQFP
Series	APEX-20KE?
Number of LABs/CLBs	640
Number of Logic Elements/Cells	6400
Total RAM Bits	81920
Number of I/O	88
Number of Gates	404000
Voltage - Supply	1.71 V ~ 1.89 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	144-LQFP
Supplier Device Package	144-TQFP (20x20)
	Report errors?

#### EP20K160ETC144-3N 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.

### EP20K160ETC144-3N Payment Methods









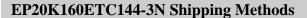
























If you have any question about EP20K160ETC144-3N, please do not hesitate to contact us!

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