

Heisener.com

For Reference Only

# EP20K1500CB652C8ES

### EP20K1500CB652C8ES Information

Part Number EP20K1500CB652C8ES

Manufacturer Altera

Category Integrated Circuits (ICs)

Embedded - FPGAs (Field Programmable Gate

Array)

**Description** IC FPGA **Package** 652-BBGA

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.









# EP20K1500CB652C8ES Specifications

Manufacturer Part Number	EP20K1500CB652C8ES
Manufacturer	Altera
Category	Integrated Circuits (ICs)
	Embedded - FPGAs (Field Programmable Gate Array)
Package	652-BBGA
Series	APEX-20KE?
Number of LABs/CLBs	5184
Number of Logic Elements/Cells	51840
Total RAM Bits	442368
Number of I/O	488
Number of Gates	2392000
Voltage - Supply	2.375 V ~ 2.625 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	652-BBGA
Supplier Device Package	652-BGA (45x45)
	Report errors?

#### EP20K1500CB652C8ES 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.

### EP20K1500CB652C8ES Payment Methods



















## EP20K1500CB652C8ES Shipping Methods













If you have any question about EP20K1500CB652C8ES, please do not hesitate to contact us!

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