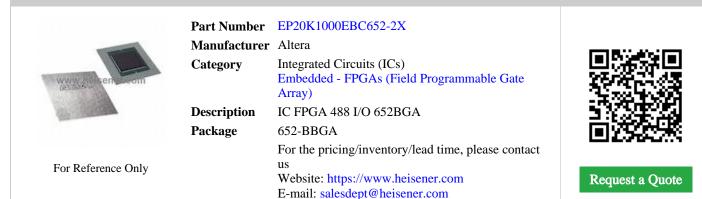


## EP20K1000EBC652-2X

#### EP20K1000EBC652-2X Information



#### **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.



### EP20K1000EBC652-2X Specifications

Manufacturer Part Number	EP20K1000EBC652-2X
Manufacturer	Altera
Category	Integrated Circuits (ICs)
	Embedded - FPGAs (Field Programmable Gate Array)
Package	652-BBGA
Series	APEX-20KE?
Number of LABs/CLBs	3840
Number of Logic Elements/Cells	38400
Total RAM Bits	327680
Number of I/O	488
Number of Gates	1772000
Voltage - Supply	1.71 V ~ 1.89 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	652-BBGA
Supplier Device Package	652-BGA (45x45)
	Report errors?

#### EP20K1000EBC652-2X 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### EP20K1000EBC652-2X Payment Methods





If you have any question about EP20K1000EBC652-2X, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com