

EP20K1000CF33C8ES Information


For Reference Only

Part Number [EP20K1000CF33C8ES](#)
Manufacturer Altera
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA
Package 1020-BBGA, FCBGA
 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.


EP20K1000CF33C8ES Specifications

Manufacturer Part Number	EP20K1000CF33C8ES
Manufacturer	Altera
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	1020-BBGA, FCBGA
Series	APEX-20KC?
Number of LABs/CLBs	3840
Number of Logic Elements/Cells	38400
Total RAM Bits	327680
Number of I/O	708
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	1020-BBGA, FCBGA
Supplier Device Package	1020-FBGA (33x33)

[Report errors?](#)

EP20K1000CF33C8ES 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.

EP20K1000CF33C8ES Payment Methods



EP20K1000CF33C8ES Shipping Methods



If you have any question about EP20K1000CF33C8ES, please do not hesitate to contact us!

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