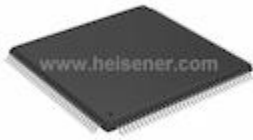


**XC4005E-2TQ144C Information**


For Reference Only

**Part Number** [XC4005E-2TQ144C](#)  
**Manufacturer** Xilinx Inc.  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** IC FPGA 112 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](mailto: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.


**XC4005E-2TQ144C Specifications**

Manufacturer Part Number	<a href="#">XC4005E-2TQ144C</a>
Manufacturer	Xilinx Inc.
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	144-LQFP
Series	XC4000E/X
Number of LABs/CLBs	196
Number of Logic Elements/Cells	466
Total RAM Bits	6272
Number of I/O	112
Number of Gates	5000
Voltage - Supply	4.75 V ~ 5.25 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	144-LQFP
Supplier Device Package	144-TQFP (20x20)

[Report errors?](#)

## XC4005E-2TQ144C 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.

## XC4005E-2TQ144C Payment Methods



## XC4005E-2TQ144C Shipping Methods



If you have any question about XC4005E-2TQ144C, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)