

**LFE5U-12F-8MG285C Information**


For Reference Only

**Part Number** [LFE5U-12F-8MG285C](#)  
**Manufacturer** Lattice Semiconductor Corporation  
**Category** Integrated Circuits (ICs)  
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)  
**Description** 12K LUTS, 118 /O, 1.1V, -8 SPEED  
**Package** 285-TFBGA  
 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.


**LFE5U-12F-8MG285C Specifications**

Manufacturer Part Number	<a href="#">LFE5U-12F-8MG285C</a>
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - FPGAs (Field Programmable Gate Array)</a>
Package	285-TFBGA
Series	ECP5
Number of LABs/CLBs	3000
Number of Logic Elements/Cells	12000
Total RAM Bits	589824
Number of I/O	118
Number of Gates	-
Voltage - Supply	1.045 V ~ 1.155 V
Mounting Type	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	285-TFBGA
Supplier Device Package	285-CSFBGA (10x10)

[Report errors?](#)

## LFE5U-12F-8MG285C 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.

## LFE5U-12F-8MG285C Payment Methods



## LFE5U-12F-8MG285C Shipping Methods



If you have any question about LFE5U-12F-8MG285C, please do not hesitate to contact us!

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