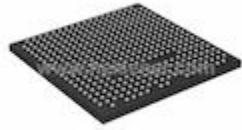


LFE5U-12F-8BG381I Information


For Reference Only

Part Number [LFE5U-12F-8BG381I](#)
Manufacturer Lattice Semiconductor Corporation
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description 12K LUTS, 197 /O, 1.1V, -8 SPEED
Package 381-FBGA
 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.


LFE5U-12F-8BG381I Specifications

Manufacturer Part Number	LFE5U-12F-8BG381I
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array)
Package	381-FBGA
Series	ECP5
Number of LABs/CLBs	3000
Number of Logic Elements/Cells	12000
Total RAM Bits	589824
Number of I/O	197
Number of Gates	-
Voltage - Supply	1.045 V ~ 1.155 V
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	381-FBGA
Supplier Device Package	381-CABGA (17x17)

[Report errors?](#)

LFE5U-12F-8BG381I 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-8BG381I Payment Methods



LFE5U-12F-8BG381I Shipping Methods



If you have any question about LFE5U-12F-8BG381I, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com