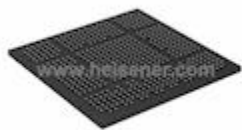


LFE5U-45F-8BG554I Information


For Reference Only

Part Number [LFE5U-45F-8BG554I](#)
Manufacturer Lattice Semiconductor Corporation
Category Integrated Circuits (ICs)
[Embedded - FPGAs \(Field Programmable Gate Array\)](#)
Description IC FPGA 245 I/O 554CABGA
Package 554-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-45F-8BG554I Specifications

| | |
|--------------------------------|---|
| Manufacturer Part Number | LFE5U-45F-8BG554I |
| Manufacturer | Lattice Semiconductor Corporation |
| Category | Integrated Circuits (ICs) Embedded - FPGAs (Field Programmable Gate Array) |
| Package | 554-FBGA |
| Series | ECP5 |
| Number of LABs/CLBs | 11000 |
| Number of Logic Elements/Cells | 44000 |
| Total RAM Bits | 1990656 |
| Number of I/O | 245 |
| Number of Gates | - |
| Voltage - Supply | 1.045 V ~ 1.155 V |
| Mounting Type | Surface Mount |
| Operating Temperature | -40°C ~ 100°C (TJ) |
| Package / Case | 554-FBGA |
| Supplier Device Package | 554-CABGA (23x23) |

[Report errors?](#)

LFE5U-45F-8BG554I 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-45F-8BG554I Payment Methods



LFE5U-45F-8BG554I Shipping Methods



If you have any question about LFE5U-45F-8BG554I, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com