

LC5512MB-45FN256C Information


For Reference Only

Part Number [LC5512MB-45FN256C](#)
Manufacturer Lattice Semiconductor Corporation
Category Integrated Circuits (ICs)
[Embedded - CPLDs \(Complex Programmable Logic Devices\)](#)
Description IC CPLD 512MC 4.5NS 256FBGA
Package 256-BGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


LC5512MB-45FN256C Specifications

| | |
|---------------------------------|--|
| Manufacturer Part Number | LC5512MB-45FN256C |
| Manufacturer | Lattice Semiconductor Corporation |
| Category | Integrated Circuits (ICs) Embedded - CPLDs (Complex Programmable Logic Devices) |
| Package | 256-BGA |
| Series | ispXPLD? 5000MB |
| Programmable Type | In System Programmable |
| Delay Time tpd(1) Max | 4.5ns |
| Voltage Supply - Internal | 2.3 V ~ 2.7 V |
| Number of Logic Elements/Blocks | 16 |
| Number of Macrocells | 512 |
| Number of Gates | - |
| Number of I/O | 193 |
| Operating Temperature | 0°C ~ 90°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 256-BGA |
| Supplier Device Package | 256-FPBGA (17x17) |

[Report errors?](#)

LC5512MB-45FN256C 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.

LC5512MB-45FN256C Payment Methods



LC5512MB-45FN256C Shipping Methods



If you have any question about LC5512MB-45FN256C, please do not hesitate to contact us!

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