

**LC4512V-5TN176I Information**


For Reference Only

**Part Number** [LC4512V-5TN176I](#)  
**Manufacturer** Lattice Semiconductor Corporation  
**Category** Integrated Circuits (ICs)  
[Embedded - CPLDs \(Complex Programmable Logic Devices\)](#)  
**Description** IC CPLD 512MC 5NS 176TQFP  
**Package** 176-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.


**LC4512V-5TN176I Specifications**

Manufacturer Part Number	<a href="#">LC4512V-5TN176I</a>
Manufacturer	Lattice Semiconductor Corporation
Category	Integrated Circuits (ICs) <a href="#">Embedded - CPLDs (Complex Programmable Logic Devices)</a>
Package	176-LQFP
Series	ispMACH? 4000V
Programmable Type	In System Programmable
Delay Time tpd(1) Max	5.0ns
Voltage Supply - Internal	3 V ~ 3.6 V
Number of Logic Elements/Blocks	32
Number of Macrocells	512
Number of Gates	-
Number of I/O	128
Operating Temperature	-40°C ~ 105°C (TJ)
Mounting Type	Surface Mount
Package / Case	176-LQFP
Supplier Device Package	176-TQFP (24x24)

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## LC4512V-5TN176I 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.

## LC4512V-5TN176I Payment Methods



## LC4512V-5TN176I Shipping Methods



If you have any question about LC4512V-5TN176I, please do not hesitate to contact us!

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