

ISPLSI 5512VE-100LB272



**Part Number:** [ISPLSI 5512VE-100LB272](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC CPLD 512MC 10NS 272BGA

**Data sheet:**  [ispLSI 5512VE](#)  
 [Package Diagrams](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ISPLSI 5512VE-100LB272                    | Manufacturer                   | <a href="#">Lattice Semiconductor</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC CPLD 512MC 10NS 272BGA                 | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6009 pcs                                  | Data sheet                     | <a href="#">ispLSI 5512VE</a><br><a href="#">Package Diagrams</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal      | 3 V ~ 3.6 V                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 272-BGA (27x27)                           | Series                         | ispLSI® 5000VE                                                    |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | In System Programmable                    | Packaging                      | Tray                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 272-BBGA                                  | Other Names                    | ISPLSI 5512VE-100LB272-ND<br>ISPLSI5512VE-100LB272                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C (TA)                           | Number of Macrocells           | 512                                                               |
| Number of Logic Elements/Blocks                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16                                        | Number of I/O                  | 192                                                               |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24000                                     | Mounting Type                  | Surface Mount                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                |
| Delay Time tpd(1) Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.0ns                                    | Base Part Number               | ISPLSI 5512                                                       |
| <p>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 6009 pieces of Lattice Semiconductor ISPLSI 5512VE-100LB272 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</p> <p>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></p> |                                           |                                |                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">ISPLSI 5512VE-125LB272I</a><br>Description: IC CPLD 512MC 7.5NS 272BGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-100LB272</a><br>Description: IC CPLD 512MC 10NS 272BGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-100LB388</a><br>Description: IC CPLD 512MC 10NS 388BGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-110LB388</a><br>Description: IC CPLD 512MC 8.5NS 388BGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-70LB388</a><br>Description: IC CPLD 512MC 15NS 388BGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VE-100LF388I</a><br>Description: IC CPLD 512MC 10NS 388FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-70LB388I</a><br>Description: IC CPLD 512MC 15NS 388BGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-100LQ208</a><br>Description: IC CPLD 512MC 10NS 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-70LQ208</a><br>Description: IC CPLD 512MC 15NS 208QFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-70LB272</a><br>Description: IC CPLD 512MC 15NS 272BGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-110LB272</a><br>Description: IC CPLD 512MC 8.5NS 272BGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VE-100LF256</a><br>Description: IC CPLD 512MC 10NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISPLSI 5512VE-100LF256I</a><br>Description: IC CPLD 512MC 10NS 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VA-110LQ208</a><br>Description: IC CPLD 512MC 8.5NS 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 5512VE-100LF388</a><br>Description: IC CPLD 512MC 10NS 388FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for ISPLSI 5512VE-100LB272  |                                                          |                                 |                              |
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