

ISPLSI 5256VE-80LF256I



Part Number: [ISPLSI 5256VE-80LF256I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 256MC 12NS 256FBGA

Data sheet:  [Package Diagrams](#)  
 [ispLSI 5256VE](#)

RoHs Status: Contains lead / RoHS non-compliant

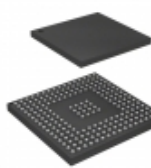
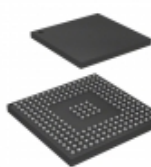
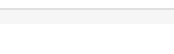
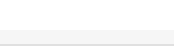
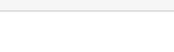
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ISPLSI 5256VE-80LF256I                    | Manufacturer                   | <a href="#">Lattice Semiconductor</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC CPLD 256MC 12NS 256FBGA                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5271 pcs                                  | Data sheet                     | <a href="#">Package Diagrams</a><br><a href="#">ispLSI 5256VE</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal      | 3 V ~ 3.6 V                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 256-FPBGA (17x17)                         | Series                         | ispLSI® 5000VE                                                    |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | In System Programmable                    | Packaging                      | Tray                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 256-BGA                                   | Other Names                    | ISPLSI 5256VE-80LF256I-ND<br>ISPLSI5256VE-80LF256I                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                         | Number of Macrocells           | 256                                                               |
| Number of Logic Elements/Blocks                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8                                         | Number of I/O                  | 144                                                               |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12000                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12.0ns                                    | Base Part Number               | ISPLSI 5256                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5271 pieces of Lattice Semiconductor ISPLSI 5256VE-80LF256I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">ISPLSI 5384VA-125LB208</a><br>Description: IC CPLD 384MC 7.5NS 208FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-100LQ208</a><br>Description: IC CPLD 384MC 10NS 208QFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-165LB272</a><br>Description: IC CPLD 256MC 6NS 272BGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-100LB208</a><br>Description: IC CPLD 384MC 10NS 208FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-80LT100I</a><br>Description: IC CPLD 256MC 12NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-125LT128I</a><br>Description: IC CPLD 256MC 7.5NS 128TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-125LT100</a><br>Description: IC CPLD 256MC 7.5NS 100TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-125LF256I</a><br>Description: IC CPLD 256MC 7.5NS 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-80LT128I</a><br>Description: IC CPLD 256MC 12NS 128TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-100LB388</a><br>Description: IC CPLD 384MC 10NS 388BGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-100LB272</a><br>Description: IC CPLD 384MC 10NS 272BGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-165LF256</a><br>Description: IC CPLD 256MC 6NS 256FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-125LT100I</a><br>Description: IC CPLD 256MC 7.5NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-125LQ208</a><br>Description: IC CPLD 384MC 7.5NS 208FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-125LB272</a><br>Description: IC CPLD 384MC 7.5NS 272BGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5384VA-125LB388</a><br>Description: IC CPLD 384MC 7.5NS 388BGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-80LB272I</a><br>Description: IC CPLD 256MC 12NS 272BGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-165LT100</a><br>Description: IC CPLD 256MC 6NS 100TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-125LT128</a><br>Description: IC CPLD 256MC 7.5NS 128TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 5256VE-165LT128</a><br>Description: IC CPLD 256MC 6NS 128TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

| Related keywords for ISPLSI 5256VE-80LF256I  |                                                          |                                 |                              |
|----------------------------------------------|----------------------------------------------------------|---------------------------------|------------------------------|
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