

ISPLSI 1024EA-125LT100



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**Part Number:** [ISPLSI 1024EA-125LT100](#)

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

**Description:** IC CPLD 64MC 7.5NS 100TQFP

**Data sheet:**  [Package Diagrams](#)  
 [ispLSI 1024EA](#)  
 [Leaded Pkg PCB Layout Guide](#)

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

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                |                                           |                                |                                                                                                                  |
|----------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number                      | ISPLSI 1024EA-125LT100                    | Manufacturer                   | <a href="#">Lattice Semiconductor</a>                                                                            |
| Description                      | IC CPLD 64MC 7.5NS 100TQFP                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                               |
| Quantity Available               | 5862 pcs                                  | Data sheet                     | <a href="#">Package Diagrams</a><br><a href="#">ispLSI 1024EA</a><br><a href="#">Leaded Pkg PCB Layout Guide</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal      | 4.75 V ~ 5.25 V                                                                                                  |
| Supplier Device Package          | 100-TQFP (14x14)                          | Series                         | ispLSI® 1000EA                                                                                                   |
| Programmable Type                | In System Programmable                    | Packaging                      | Tray                                                                                                             |
| Package / Case                   | 100-LQFP                                  | Other Names                    | ISPLSI 1024EA-125LT100-ND<br>ISPLSI1024EA-125LT100                                                               |
| Operating Temperature            | 0°C ~ 70°C (TA)                           | Number of Macrocells           | 64                                                                                                               |
| Number of Logic Elements/Blocks  | 24                                        | Number of I/O                  | 48                                                                                                               |
| Number of Gates                  | 4000                                      | 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            | 7.5ns                                     | Base Part Number               | ISPLSI 1024                                                                                                      |

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|  | Part#: <a href="#">ISPLSI 1016EA-200LT44</a><br>Description: IC CPLD 64MC 4.5NS 44TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISPLSI 1024-60LJ</a><br>Description: IC CPLD 64MC 20NS 68PLCC         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISPLSI 1032-60LT</a><br>Description: IC CPLD 128MC 20NS 100TQFP       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISPLSI 1032E-100LT</a><br>Description: IC CPLD 128MC 10NS 100TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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