

ISPLSI 2064A-100LTN100



Part Number: [ISPLSI 2064A-100LTN100](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 64MC 10NS 100TQFP

Data sheet:  [Package Diagrams](#)  
 [ispLSI 2064\(A\)](#)  
 [Leaded Pkg PCB Layout Guide](#)

RoHs Status: Lead free / RoHS Compliant

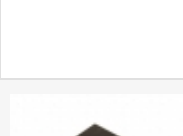
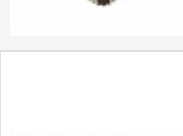
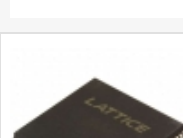
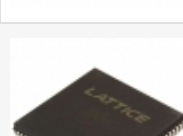
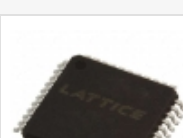
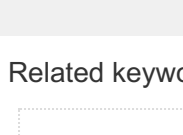
Ship From: Hong Kong

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Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | ISPLSI 2064A-100LTN100                    | Manufacturer                   | <a href="#">Lattice Semiconductor</a>                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC CPLD 64MC 10NS 100TQFP                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 4363 pcs                                  | Data sheet                     | <a href="#">Package Diagrams</a><br><a href="#">ispLSI 2064(A)</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® 2000A                                                                                                     |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                              | In System Programmable                    | Packaging                      | Tray                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-LQFP                                  | Other Names                    | 220-1610<br>ISPLSI 2064A-100LTN100-ND<br>ISPLSI2064A-100LTN100<br>ISPLSI2064A100LTN100                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | 0°C ~ 70°C (TA)                           | Number of Macrocells           | 64                                                                                                                |
| Number of Logic Elements/Blocks                                                                                                                                                                                                                                                                                                                                                                                                | 16                                        | Number of I/O                  | 64                                                                                                                |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                | 2000                                      | Mounting Type                  | Surface Mount                                                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                        |
| Delay Time tpd(1) Max                                                                                                                                                                                                                                                                                                                                                                                                          | 10.0ns                                    | Base Part Number               | ISPLSI 2064                                                                                                       |
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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">ISPLSI 2064A-100LJN84</a><br>Description: IC CPLD 64MC 10NS 84PLCC    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LJ84</a><br>Description: IC CPLD 64MC 15NS 84PLCC      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-300LT48</a><br>Description: IC CPLD 32MC 3NS 48TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LJ84I</a><br>Description: IC CPLD 64MC 15NS 84PLCC     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LT100I</a><br>Description: IC CPLD 64MC 15NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-100LJ84</a><br>Description: IC CPLD 64MC 10NS 84PLCC     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-125LT100</a><br>Description: IC CPLD 64MC 7.5NS 100TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-300LTN44</a><br>Description: IC CPLD 32MC 3NS 44TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-100LT100</a><br>Description: IC CPLD 64MC 10NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-225LJ44</a><br>Description: IC CPLD 32MC 4NS 44PLCC     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-300LTN48</a><br>Description: IC CPLD 32MC 3NS 48TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LJN84I</a><br>Description: IC CPLD 64MC 15NS 84PLCC    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-125LTN100</a><br>Description: IC CPLD 64MC 7.5NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-125LJN84</a><br>Description: IC CPLD 64MC 7.5NS 84PLCC   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LT100</a><br>Description: IC CPLD 64MC 15NS 100TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-225LT48</a><br>Description: IC CPLD 32MC 4NS 48TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-80LJN84</a><br>Description: IC CPLD 64MC 15NS 84PLCC     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2064A-125LJ84</a><br>Description: IC CPLD 64MC 7.5NS 84PLCC    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-225LT44</a><br>Description: IC CPLD 32MC 4NS 44TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISPLSI 2032VE-300LT44</a><br>Description: IC CPLD 32MC 3NS 44TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

| Related keywords for ISPLSI 2064A-100LTN100  |                                                          |                                 |                              |
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