

Lattice Semiconductor



Image may be representation. See specifications for product details.

### ISPLSI 1016-90LT44

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISPLSI 1016-90LT44                                                                                                   |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 64MC 12NS 44TQFP                                                                                             |
| Datasheets:         |  1.ISPLSI 1016-90LT44.pdf           |
|                     |  2.ISPLSI 1016-90LT44.pdf           |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3391 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of ISPLSI 1016-90LT44

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ISPLSI 1016-90LT44                                                                                                                                                                                                           |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                        |
| DESCRIPTION                      | IC CPLD 64MC 12NS 44TQFP                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 3391 pcs                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.ISPLSI 1016-90LT44.pdf<br> 2.ISPLSI 1016-90LT44.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 4.75 V ~ 5.25 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                              |
| SERIES                           | ispLSI® 1000                                                                                                                                                                                                                 |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                      |
| OTHER NAMES                      | ISPLSI 1016-90LT44-ND<br>ISPLSI1016-90LT44                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                              |
| NUMBER OF MACROCELLS             | 64                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                           |
| NUMBER OF GATES                  | 2000                                                                                                                                                                                                                         |
| 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 1016                                                                                                                                                                                                                  |

#### Related Tags

|                                          |                                                      |                                              |
|------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Lattice Semiconductor ISPLSI 1016-90LT44 | ISPLSI 1016-90LT44 Distributor                       | ISPLSI 1016-90LT44 Supplier                  |
| ISPLSI 1016-90LT44 Price                 | ISPLSI 1016-90LT44 Pictures                          | ISPLSI 1016-90LT44 Image                     |
| ISPLSI 1016-90LT44 PDF Datasheet         | ISPLSI 1016-90LT44 Download Datasheet                | ISPLSI 1016-90LT44 Datasheet                 |
| ISPLSI 1016-90LT44 Stock                 | Buy ISPLSI 1016-90LT44                               | Buy Lattice Semiconductor ISPLSI 1016-90LT44 |
| Lattice Semiconductor ISPLSI 1016-90LT44 | Lattice Semiconductor Supplier                       | Lattice Semiconductor Distributor            |
| Lattice Semiconductor ISPLSI 1016-90LT44 | Lattice Semiconductor Corporation ISPLSI 1016-90LT44 |                                              |

#### Related Products

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| <div><b>ISPLSI 1016-90LJ</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 12NS 44PLCC<br/>In stock: 5083 pcs<br/><div>RFQ</div></div>      | <div><b>ISPLSI 1016E-100LJN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 10NS 44PLCC<br/>In stock: 2827 pcs<br/><div>RFQ</div></div>  |
| <div><b>ISPLSI 1016-60LT44</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 20NS 44TQFP<br/>In stock: 4694 pcs<br/><div>RFQ</div></div>    | <div><b>ISPLSI 1016E-125LJN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 7.5NS 44PLCC<br/>In stock: 2762 pcs<br/><div>RFQ</div></div> |
| <div><b>ISPLSI 1016-80LT44</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 15NS 44TQFP<br/>In stock: 4912 pcs<br/><div>RFQ</div></div>    | <div><b>ISPLSI 1016-60LJI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 20NS 44PLCC<br/>In stock: 6747 pcs<br/><div>RFQ</div></div>    |
| <div><b>ISPLSI 1016E-100LTN44</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 10NS 44TQFP<br/>In stock: 4204 pcs<br/><div>RFQ</div></div> | <div><b>ISPLSI 1016E-100LJ</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 10NS 44PLCC<br/>In stock: 3748 pcs<br/><div>RFQ</div></div>   |
| <div><b>ISPLSI 1016-80LJ</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 15NS 44PLCC<br/>In stock: 5338 pcs<br/><div>RFQ</div></div>      | <div><b>ISPLSI 1016E-125LJ</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 7.5NS 44PLCC<br/>In stock: 6611 pcs<br/><div>RFQ</div></div>  |
| <div><b>ISPLSI 1016E-100LT44</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 10NS 44TQFP<br/>In stock: 3861 pcs<br/><div>RFQ</div></div>  | <div><b>ISPLSI 1016-60LT44I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 64MC 20NS 44TQFP<br/>In stock: 4634 pcs<br/><div>RFQ</div></div>  |