



Lattice Semiconductor



### ISPLSI 5512VA-100LQ208

|                     |                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Part Number:        | ISPLSI 5512VA-100LQ208                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                   |
| Product description | IC CPLD 512MC 10NS 208QFP <div> 1.ISPLSI 5512VA-100LQ208.pdf</div> <div> 2.ISPLSI 5512VA-100LQ208.pdf</div> <div> 3.ISPLSI 5512VA-100LQ208.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                    |
| Stock Condition     | 2978 pcs stock                                                                                                                                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

#### Specifications of ISPLSI 5512VA-100LQ208

|                                  |                                                                                                                                                                                                                                                                                                                                                                                     |
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| PART NUMBER                      | ISPLSI 5512VA-100LQ208                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC CPLD 512MC 10NS 208QFP                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 2978 pcs                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div> 1.ISPLSI 5512VA-100LQ208.pdf</div> <div> 2.ISPLSI 5512VA-100LQ208.pdf</div> <div> 3.ISPLSI 5512VA-100LQ208.pdf</div> |
| VOLTAGE SUPPLY - INTERNAL        | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | ispLSI® 5000VA                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 208-BFQFP                                                                                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                      | ISPLSI 5512VA-100LQ208-ND<br>ISPLSI5512VA-100LQ208                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 144                                                                                                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                         |

#### Related Tags

|                                              |                                                          |                                                  |
|----------------------------------------------|----------------------------------------------------------|--------------------------------------------------|
| Lattice Semiconductor ISPLSI 5512VA-100LQ208 | ISPLSI 5512VA-100LQ208 Distributor                       | ISPLSI 5512VA-100LQ208 Supplier                  |
| ISPLSI 5512VA-100LQ208 Price                 | ISPLSI 5512VA-100LQ208 Pictures                          | ISPLSI 5512VA-100LQ208 Image                     |
| ISPLSI 5512VA-100LQ208 PDF Datasheet         | ISPLSI 5512VA-100LQ208 Download Datasheet                | ISPLSI 5512VA-100LQ208 Datasheet                 |
| ISPLSI 5512VA-100LQ208 Stock                 | Buy ISPLSI 5512VA-100LQ208                               | Buy Lattice Semiconductor ISPLSI 5512VA-100LQ208 |
| Lattice Semiconductor ISPLSI 5512VA-100LQ208 | Lattice Semiconductor Supplier                           | Lattice Semiconductor Distributor                |
| Lattice Semiconductor ISPLSI 5512VA-100LQ208 | Lattice Semiconductor Corporation ISPLSI 5512VA-100LQ208 |                                                  |

#### Related Products

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| <div></div> <div><b>ISPLSI 5384VE-165LB272</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 6NS 272BGA<br/>In stock: 6391 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ISPLSI 5512VA-110LB272</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 8.5NS 272BGA<br/>In stock: 6402 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ISPLSI 5512VA-110LQ208</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 8.5NS 208QFP<br/>In stock: 5539 pcs</div> <div>RFQ</div> | <div></div> <div><b>ISPLSI 5384VE-80LB272I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 12NS 272BGA<br/>In stock: 2990 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ISPLSI 5512VA-70LB272</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 272BGA<br/>In stock: 6861 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ISPLSI 5512VA-100LB272</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 272BGA<br/>In stock: 5899 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ISPLSI 5512VA-70LB388</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 388BGA<br/>In stock: 3477 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ISPLSI 5512VA-100LB388</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 388BGA<br/>In stock: 5125 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ISPLSI 5512VA-110LB388</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 8.5NS 388BGA<br/>In stock: 5424 pcs</div> <div>RFQ</div> | <div></div> <div><b>ISPLSI 5512VA-70LB388I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 388BGA<br/>In stock: 5187 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ISPLSI 5384VE-80LF256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 12NS 256FBGA<br/>In stock: 3751 pcs</div> <div>RFQ</div> | <div></div> <div><b>ISPLSI 5384VE-165LF256</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 6NS 256FBGA<br/>In stock: 5199 pcs</div> <div>RFQ</div>  |