



Lattice Semiconductor



LC4512B-5TN176C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4512B-5TN176C                                                                                              |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 512MC 5NS 176TQFP                                                                                    |
|                     | <a href="#">PDF</a> 1.LC4512B-5TN176C.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.LC4512B-5TN176C.pdf                                                                    |
|                     | <a href="#">PDF</a> 3.LC4512B-5TN176C.pdf                                                                    |
|                     | <a href="#">PDF</a> 4.LC4512B-5TN176C.pdf                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of LC4512B-5TN176C

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4512B-5TN176C                                                                                                                                                                  |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                            |
| DESCRIPTION                      | IC CPLD 512MC 5NS 176TQFP                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.LC4512B-5TN176C.pdf<br><a href="#">PDF</a> 2.LC4512B-5TN176C.pdf<br><a href="#">PDF</a> 3.LC4512B-5TN176C.pdf<br><a href="#">PDF</a> 4.LC4512B-5TN176C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 2.3 V ~ 2.7 V                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 176-TQFP (24x24)                                                                                                                                                                 |
| SERIES                           | ispMACH® 4000B                                                                                                                                                                   |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                             |
| PACKAGE / CASE                   | 176-LQFP                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 90°C (TJ)                                                                                                                                                                  |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 32                                                                                                                                                                               |
| NUMBER OF I/O                    | 128                                                                                                                                                                              |
| 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            | 5.0ns                                                                                                                                                                            |
| BASE PART NUMBER                 | LC4512                                                                                                                                                                           |

Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor LC4512B-5TN176C | LC4512B-5TN176C Distributor                       | LC4512B-5TN176C Supplier                  |
| LC4512B-5TN176C Price                 | LC4512B-5TN176C Pictures                          | LC4512B-5TN176C Image                     |
| LC4512B-5TN176C PDF Datasheet         | LC4512B-5TN176C Download Datasheet                | LC4512B-5TN176C Datasheet                 |
| LC4512B-5TN176C Stock                 | Buy LC4512B-5TN176C                               | Buy Lattice Semiconductor LC4512B-5TN176C |
| Lattice Semiconductor LC4512B-5TN176C | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor LC4512B-5TN176C | Lattice Semiconductor Corporation LC4512B-5TN176C |                                           |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LC4512B-5FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>LC4512B-75FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>LC4512B-5T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>LC4512B-75F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>LC4512B-5FT256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>LC4512B-75FTN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>LC4512B-5T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>LC4512B-5TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: Out stock</div> <div>RFQ</div>      |
| <div></div> <div><b>LC4512B-75FT256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FTBG<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>LC4512B-5FTN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>LC4512B-75FT256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FTBG<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>LC4512B-5FT256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: Out stock</div> <div>RFQ</div>     |