



Lattice Semiconductor



Image may be representation. See specifications for product details.

LC4512C-35TN176C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4512C-35TN176C                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 512MC 3.5NS 176TQFP                                                                                  |
|                     |  1.LC4512C-35TN176C.pdf     |
|                     |  2.LC4512C-35TN176C.pdf     |
|                     |  3.LC4512C-35TN176C.pdf     |
|                     |  4.LC4512C-35TN176C.pdf     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 3913 pcs stock                                                                                               |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of LC4512C-35TN176C

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4512C-35TN176C                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC CPLD 512MC 3.5NS 176TQFP                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 3913 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.LC4512C-35TN176C.pdf<br> 2.LC4512C-35TN176C.pdf<br> 3.LC4512C-35TN176C.pdf<br> 4.LC4512C-35TN176C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.65 V ~ 1.95 V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 176-TQFP (24x24)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | ispMACH® 4000C                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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            | 3.5ns                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | LC4512                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor LC4512C-35TN176C | LC4512C-35TN176C Distributor                       | LC4512C-35TN176C Supplier                  |
| LC4512C-35TN176C Price                 | LC4512C-35TN176C Pictures                          | LC4512C-35TN176C Image                     |
| LC4512C-35TN176C PDF Datasheet         | LC4512C-35TN176C Download Datasheet                | LC4512C-35TN176C Datasheet                 |
| LC4512C-35TN176C Stock                 | Buy LC4512C-35TN176C                               | Buy Lattice Semiconductor LC4512C-35TN176C |
| Lattice Semiconductor LC4512C-35TN176C | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor LC4512C-35TN176C | Lattice Semiconductor Corporation LC4512C-35TN176C |                                            |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LC4512C-35T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 176TQFP<br/>In stock: 3272 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LC4512C-5T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: 4874 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>LC4512C-35FT256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 256FTBG<br/>In stock: 6015 pcs</div> <div>RFQ</div> | <div></div> <div><b>LC4512C-35FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 256FTBGA<br/>In stock: 3394 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LC4512C-5FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: 5573 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LC4512C-10T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 176TQFP<br/>In stock: 4332 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>LC4512C-10TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 176TQFP<br/>In stock: 5764 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LC4512C-10FTN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 256FTBGA<br/>In stock: 3704 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>LC4512C-5FT256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: 3486 pcs</div> <div>RFQ</div>   | <div></div> <div><b>LC4512C-5T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: 6963 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>LC4512C-5FT256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: 4369 pcs</div> <div>RFQ</div>   | <div></div> <div><b>LC4512C-5FTN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: 7091 pcs</div> <div>RFQ</div>    |