



Lattice Semiconductor



LC4512B-75F256I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4512B-75F256I                                                                                                      |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 512MC 7.5NS 256FBGA                                                                                          |
|                     |  1.LC4512B-75F256I.pdf              |
|                     |  2.LC4512B-75F256I.pdf              |
|                     |  3.LC4512B-75F256I.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3654 pcs stock                                                                                                       |
| 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-75F256I

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4512B-75F256I                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC CPLD 512MC 7.5NS 256FBGA                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 3654 pcs                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.LC4512B-75F256I.pdf<br> 2.LC4512B-75F256I.pdf<br> 3.LC4512B-75F256I.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 2.3 V ~ 2.7 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 256-FPBGA (17x17)                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | ispMACH® 4000B                                                                                                                                                                                                                                                                                                                      |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 256-BGA                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 32                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 208                                                                                                                                                                                                                                                                                                                                 |
| 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            | 7.5ns                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | LC4512                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor LC4512B-75F256I | LC4512B-75F256I Distributor                       | LC4512B-75F256I Supplier                  |
| LC4512B-75F256I Price                 | LC4512B-75F256I Pictures                          | LC4512B-75F256I Image                     |
| LC4512B-75F256I PDF Datasheet         | LC4512B-75F256I Download Datasheet                | LC4512B-75F256I Datasheet                 |
| LC4512B-75F256I Stock                 | Buy LC4512B-75F256I                               | Buy Lattice Semiconductor LC4512B-75F256I |
| Lattice Semiconductor LC4512B-75F256I | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor LC4512B-75F256I | Lattice Semiconductor Corporation LC4512B-75F256I |                                           |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>LC4512B-5FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 256FTBGA<br/>In stock: 4041 pcs</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: 5993 pcs</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: 5501 pcs</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: 5907 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>LC4512B-75T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 176TQFP<br/>In stock: 4021 pcs</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: 5094 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LC4512B-5TN176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 5NS 176TQFP<br/>In stock: 4952 pcs</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: 6871 pcs</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: 5536 pcs</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: 4788 pcs</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: 4443 pcs</div> <div>RFQ</div>     | <div></div> <div><b>LC4512B-75T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 176TQFP<br/>In stock: 4191 pcs</div> <div>RFQ</div>    |