



Lattice Semiconductor



LC4512B-10FT256I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4512B-10FT256I                                                                                                     |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 512MC 10NS 256FTBGA                                                                                          |
|                     |  1.LC4512B-10FT256I.pdf             |
|                     |  2.LC4512B-10FT256I.pdf             |
|                     |  3.LC4512B-10FT256I.pdf             |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3100 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

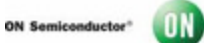
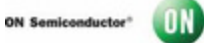
Specifications of LC4512B-10FT256I

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4512B-10FT256I                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC CPLD 512MC 10NS 256FTBGA                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 3100 pcs                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.LC4512B-10FT256I.pdf<br> 2.LC4512B-10FT256I.pdf<br> 3.LC4512B-10FT256I.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 2.3 V ~ 2.7 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 256-FTBGA (17x17)                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | ispMACH® 4000B                                                                                                                                                                                                                                                                                                                         |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                               |
| 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            | 10.0ns                                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | LC4512                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor LC4512B-10FT256I | LC4512B-10FT256I Distributor                       | LC4512B-10FT256I Supplier                  |
| LC4512B-10FT256I Price                 | LC4512B-10FT256I Pictures                          | LC4512B-10FT256I Image                     |
| LC4512B-10FT256I PDF Datasheet         | LC4512B-10FT256I Download Datasheet                | LC4512B-10FT256I Datasheet                 |
| LC4512B-10FT256I Stock                 | Buy LC4512B-10FT256I                               | Buy Lattice Semiconductor LC4512B-10FT256I |
| Lattice Semiconductor LC4512B-10FT256I | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor LC4512B-10FT256I | Lattice Semiconductor Corporation LC4512B-10FT256I |                                            |

Related Products

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| <div></div> <div><b>LC450210PCH-T3</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC LCD DISPLAY DRIVER COG<br/>In stock: 28326 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LC4512B-10FTN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 256FTBGA<br/>In stock: 5278 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LC4384V-75TN176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 7.5NS 176TQFP<br/>In stock: 2437 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>LC43A</b><br/>Manufacturers: Microsemi<br/>Description: TVS DIODE 43V 69.4V DO202AA<br/>In stock: 6566 pcs<br/><div>RFQ</div></div>                         |
| <div></div> <div><b>LC4500291KB-TX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC CHIP FOR LCD DISPLAY<br/>In stock: 6447 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LC45</b><br/>Manufacturers: Microsemi<br/>Description: TVS DIODE 45V 80.3V DO202AA<br/>In stock: 6803 pcs<br/><div>RFQ</div></div>                          |
| <div></div> <div><b>LC4512B-35FTN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 256FTBGA<br/>In stock: 5528 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>LC4512B-10TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 176TQFP<br/>In stock: 5740 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LC4512B-35T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 176TQFP<br/>In stock: 6839 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>LC4384V-75TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 7.5NS 176TQFP<br/>In stock: 1799 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LC4512B-10T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 176TQFP<br/>In stock: 3683 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>LC4512B-35FT256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 3.5NS 256FTBG<br/>In stock: 6003 pcs<br/><div>RFQ</div></div>  |