

LC4512B-10FTN256I



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Part Number:

LC4512B-10FTN256I

Manufacturer:

Lattice Semiconductor

Description:

IC CPLD 512MC 10NS 256FTBGA

Data sheet:

 [Product Selector Guide](#)

 [Package Diagrams](#)

 [ispMACH 4000V,B,C,Z Family](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

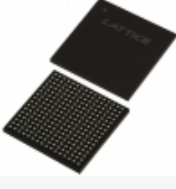
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LC4512B-10FTN256I                         | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC CPLD 512MC 10NS 256FTBGA               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4646 pcs                                  | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">ispMACH 4000V,B,C,Z Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | 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  | Lead free / RoHS Compliant                                                                                               |
| Delay Time tpd(1) Max                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10.0ns                                    | Base Part Number                | LC4512                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 4646 pieces of Lattice Semiconductor LC4512B-10FTN256I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LC4512B-35T176C</a><br>Description: IC CPLD 512MC 3.5NS 176TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4384V-75FTN256I</a><br>Description: IC CPLD 384MC 7.5NS 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-10TN176I</a><br>Description: IC CPLD 512MC 10NS 176TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-35FT256C</a><br>Description: IC CPLD 512MC 3.5NS 256FTBG   | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-5FTN256C</a><br>Description: IC CPLD 512MC 5NS 256FTBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC45</a><br>Description: TVS DIODE 45V 80.3V DO202AA               | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">LC4384V-75TN176I</a><br>Description: IC CPLD 384MC 7.5NS 176TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC450210PCH-T3</a><br>Description: IC LCD DISPLAY DRIVER COG       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-35FTN256C</a><br>Description: IC CPLD 512MC 3.5NS 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-10FT256I</a><br>Description: IC CPLD 512MC 10NS 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4384V-75T176C</a><br>Description: IC CPLD 384MC 7.5NS 176TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4384V-75T176I</a><br>Description: IC CPLD 384MC 7.5NS 176TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
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|  | Part#: <a href="#">LC4512B-10T176I</a><br>Description: IC CPLD 512MC 10NS 176TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">LC4500291KB-XT</a><br>Description: IC CHIP FOR LCD DISPLAY         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LC43A</a><br>Description: TVS DIODE 43V 69.4V DO202AA              | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">LC4512B-5F256C</a><br>Description: IC CPLD 512MC 5NS 256FBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                | <div>RFQ</div> |

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|-----------------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>LC4512B-10FTN256I</b> |                                                     |                            |                         |
| Lattice Semiconductor LC4512B-10FTN256I       | LC4512B-10FTN256I distributor                       | LC4512B-10FTN256I supplier | LC4512B-10FTN256I price |
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| Lattice Semiconductor LC4512B-10FTN256I       | Lattice Semiconductor Corporation LC4512B-10FTN256I |                            |                         |