



Lattice Semiconductor



LC4256C-10FTN256AI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4256C-10FTN256AI                                                                                           |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 256MC 10NS 256FTBGA                                                                                  |
|                     |  1.LC4256C-10FTN256AI.pdf   |
|                     |  2.LC4256C-10FTN256AI.pdf   |
|                     |  3.LC4256C-10FTN256AI.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 LC4256C-10FTN256AI

|                                  |                                                                                                                                                                                                                                                                                                                                              |
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| PART NUMBER                      | LC4256C-10FTN256AI                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC CPLD 256MC 10NS 256FTBGA                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.LC4256C-10FTN256AI.pdf<br> 2.LC4256C-10FTN256AI.pdf<br> 3.LC4256C-10FTN256AI.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.65 V ~ 1.95 V                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 256-FTBGA (17x17)                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | ispMACH® 4000C                                                                                                                                                                                                                                                                                                                               |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF MACROCELLS             | 256                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                                                                                                                                           |
| 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            | 10.0ns                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | LC4256                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                          |                                                      |                                              |
|------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Lattice Semiconductor LC4256C-10FTN256AI | LC4256C-10FTN256AI Distributor                       | LC4256C-10FTN256AI Supplier                  |
| LC4256C-10FTN256AI Price                 | LC4256C-10FTN256AI Pictures                          | LC4256C-10FTN256AI Image                     |
| LC4256C-10FTN256AI PDF Datasheet         | LC4256C-10FTN256AI Download Datasheet                | LC4256C-10FTN256AI Datasheet                 |
| LC4256C-10FTN256AI Stock                 | Buy LC4256C-10FTN256AI                               | Buy Lattice Semiconductor LC4256C-10FTN256AI |
| Lattice Semiconductor LC4256C-10FTN256AI | Lattice Semiconductor Supplier                       | Lattice Semiconductor Distributor            |
| Lattice Semiconductor LC4256C-10FTN256AI | Lattice Semiconductor Corporation LC4256C-10FTN256AI |                                              |

Related Products

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|  <div><b>LC4256C-10FTN256BI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 256FTBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>LC4256B-75TN100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>LC4256B-75TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>LC4256C-10FT256BI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 256FTBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>LC4256B-75TN176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>LC4256C-3FN256BC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 3NS 256FBGA<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>LC4256C-10TN100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>LC4256C-10FT256AI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 256FTBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>LC4256C-10T100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>LC4256C-10T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>LC4256B-75TN100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>LC4256C-10TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 10NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div>   |