

LATTICE  
SEMICONDUCTOR

Lattice Semiconductor



Image may be representation. See specifications for product details.

LC4256C-5T100I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4256C-5T100I                                                                                                       |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 256MC 5NS 100TQFP                                                                                            |
|                     |  1.LC4256C-5T100I.pdf               |
|                     |  2.LC4256C-5T100I.pdf               |
|                     |  3.LC4256C-5T100I.pdf               |
|                     |  4.LC4256C-5T100I.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 7052 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of LC4256C-5T100I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4256C-5T100I                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC CPLD 256MC 5NS 100TQFP                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 7052 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.LC4256C-5T100I.pdf<br> 2.LC4256C-5T100I.pdf<br> 3.LC4256C-5T100I.pdf<br> 4.LC4256C-5T100I.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.65 V ~ 1.95 V                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | ispMACH® 4000C                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF MACROCELLS             | 256                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 64                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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            | 5.0ns                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | LC4256                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                      |                                                  |                                          |
|--------------------------------------|--------------------------------------------------|------------------------------------------|
| Lattice Semiconductor LC4256C-5T100I | LC4256C-5T100I Distributor                       | LC4256C-5T100I Supplier                  |
| LC4256C-5T100I Price                 | LC4256C-5T100I Pictures                          | LC4256C-5T100I Image                     |
| LC4256C-5T100I PDF Datasheet         | LC4256C-5T100I Download Datasheet                | LC4256C-5T100I Datasheet                 |
| LC4256C-5T100I Stock                 | Buy LC4256C-5T100I                               | Buy Lattice Semiconductor LC4256C-5T100I |
| Lattice Semiconductor LC4256C-5T100I | Lattice Semiconductor Supplier                   | Lattice Semiconductor Distributor        |
| Lattice Semiconductor LC4256C-5T100I | Lattice Semiconductor Corporation LC4256C-5T100I |                                          |

Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                        |
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| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5TN176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 176TQFP<br/>In stock: 5702 pcs</div> <div>RFQ</div>    | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 176TQFP<br/>In stock: 6160 pcs</div> <div>RFQ</div>    |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5T100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 100TQFP<br/>In stock: 4141 pcs</div> <div>RFQ</div>     | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5FTN256BI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 256FTBGA<br/>In stock: 4751 pcs</div> <div>RFQ</div> |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5T176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 176TQFP<br/>In stock: 3203 pcs</div> <div>RFQ</div>     | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5FTN256AC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 256FTBGA<br/>In stock: 4161 pcs</div> <div>RFQ</div> |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5FTN256AI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 256FTBGA<br/>In stock: 2828 pcs</div> <div>RFQ</div> | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5FT256BI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 256FTBGA<br/>In stock: 6341 pcs</div> <div>RFQ</div>  |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5TN100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 100TQFP<br/>In stock: 6672 pcs</div> <div>RFQ</div>    | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5TN100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 100TQFP<br/>In stock: 4670 pcs</div> <div>RFQ</div>    |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5T176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 176TQFP<br/>In stock: 6063 pcs</div> <div>RFQ</div>     | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LC4256C-5FTN256BC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5NS 256FTBGA<br/>In stock: 5646 pcs</div> <div>RFQ</div> |