



Lattice Semiconductor



### LC4032C-25TN48C

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Part Number:        | LC4032C-25TN48C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product description | IC CPLD 32MC 2.5NS 48TQFP <div> 1.LC4032C-25TN48C.pdf</div> <div> 2.LC4032C-25TN48C.pdf</div> <div> 3.LC4032C-25TN48C.pdf</div> <div> 4.LC4032C-25TN48C.pdf</div> |
| Datasheets:         | <div> Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                               |
| RoHs Status         | 6993 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stock Condition     | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of LC4032C-25TN48C

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| PART NUMBER                      | LC4032C-25TN48C                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC CPLD 32MC 2.5NS 48TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 6993 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div> 1.LC4032C-25TN48C.pdf</div> <div> 2.LC4032C-25TN48C.pdf</div> <div> 3.LC4032C-25TN48C.pdf</div> <div> 4.LC4032C-25TN48C.pdf</div> |
| VOLTAGE SUPPLY - INTERNAL        | 1.65 V ~ 1.95 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | ispMACH® 4000C                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 90°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF MACROCELLS             | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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            | 2.5ns                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | LC4032                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

#### Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor LC4032C-25TN48C | LC4032C-25TN48C Distributor                       | LC4032C-25TN48C Supplier                  |
| LC4032C-25TN48C Price                 | LC4032C-25TN48C Pictures                          | LC4032C-25TN48C Image                     |
| LC4032C-25TN48C PDF Datasheet         | LC4032C-25TN48C Download Datasheet                | LC4032C-25TN48C Datasheet                 |
| LC4032C-25TN48C Stock                 | Buy LC4032C-25TN48C                               | Buy Lattice Semiconductor LC4032C-25TN48C |
| Lattice Semiconductor LC4032C-25TN48C | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor LC4032C-25TN48C | Lattice Semiconductor Corporation LC4032C-25TN48C |                                           |

#### Related Products

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| <div></div> <div><b>LC4032C-10TN48I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 10NS 48TQFP</div> <div>In stock: 5884 pcs</div> <div>RFQ</div> | <div></div> <div><b>LC4032C-5TN44I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 44TQFP</div> <div>In stock: 3244 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LC4032C-10TN44I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 10NS 44TQFP</div> <div>In stock: 6268 pcs</div> <div>RFQ</div> | <div></div> <div><b>LC4032C-5TN44C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 44TQFP</div> <div>In stock: 4594 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LC4032C-5T48I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 48TQFP</div> <div>In stock: 2771 pcs</div> <div>RFQ</div>    | <div></div> <div><b>LC4032C-25TN44C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 2.5NS 44TQFP</div> <div>In stock: 3791 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LC4032C-5T44I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 44TQFP</div> <div>In stock: 5583 pcs</div> <div>RFQ</div>    | <div></div> <div><b>LC4032C-5T48C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 48TQFP</div> <div>In stock: 4378 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>LC4032C-10T48I</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 10NS 48TQFP</div> <div>In stock: 4133 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LC4032C-25T44C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 2.5NS 44TQFP</div> <div>In stock: 3321 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>LC4032C-25T48C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 2.5NS 48TQFP</div> <div>In stock: 6656 pcs</div> <div>RFQ</div> | <div></div> <div><b>LC4032C-5T44C</b></div> <div>Manufacturers: Lattice Semiconductor</div> <div>Description: IC CPLD 32MC 5NS 44TQFP</div> <div>In stock: 4912 pcs</div> <div>RFQ</div>     |

