



LC4256ZE-7MN144C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC4256ZE-7MN144C                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 256MC 7.5NS 144BGA                                                                                   |
|                     |  1.LC4256ZE-7MN144C.pdf     |
|                     |  2.LC4256ZE-7MN144C.pdf     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

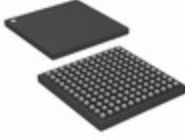
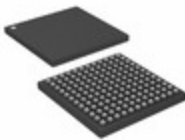
Specifications of LC4256ZE-7MN144C

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC4256ZE-7MN144C                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                    |
| DESCRIPTION                      | IC CPLD 256MC 7.5NS 144BGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.LC4256ZE-7MN144C.pdf<br> 2.LC4256ZE-7MN144C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.7 V ~ 1.9 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-CSBGA (7x7)                                                                                                                                                                                                          |
| SERIES                           | ispMACH® 4000ZE                                                                                                                                                                                                          |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 144-TFBGA, CSPBGA                                                                                                                                                                                                        |
| OTHER NAMES                      | 220-1374<br>LC4256ZE-7MN144C-ND<br>LC4256ZE7MN144C                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 90°C (TJ)                                                                                                                                                                                                          |
| NUMBER OF MACROCELLS             | 256                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 108                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 9 Weeks                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DELAY TIME TPD(1) MAX            | 7.5ns                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | LC4256                                                                                                                                                                                                                   |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor LC4256ZE-7MN144C | LC4256ZE-7MN144C Distributor                       | LC4256ZE-7MN144C Supplier                  |
| LC4256ZE-7MN144C Price                 | LC4256ZE-7MN144C Pictures                          | LC4256ZE-7MN144C Image                     |
| LC4256ZE-7MN144C PDF Datasheet         | LC4256ZE-7MN144C Download Datasheet                | LC4256ZE-7MN144C Datasheet                 |
| LC4256ZE-7MN144C Stock                 | Buy LC4256ZE-7MN144C                               | Buy Lattice Semiconductor LC4256ZE-7MN144C |
| Lattice Semiconductor LC4256ZE-7MN144C | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor LC4256ZE-7MN144C | Lattice Semiconductor Corporation LC4256ZE-7MN144C |                                            |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LC4256ZE-5TN100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5.8NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>LC4256ZE-7TN100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>LC4256ZC-75TN176I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>LC4256ZE-7TN100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 100TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>LC4256ZE-B-EVN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD BREAKOUT ISPMACH 4256ZE<br/>In stock: 22 pcs<br/>RFQ</div>     |  <div><b>LC4256ZE-7TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 144TQFP<br/>In stock: 45 pcs<br/>RFQ</div>     |
|  <div><b>LC4256ZE-7MN144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 144BGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>LC4256ZC-75TN176E</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>LC4256ZC-75TN176C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 176TQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>LC4256ZE-5TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5.8NS 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>LC4256ZE-5MN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 5.8NS 144BGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>LC4256ZE-7TN144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 256MC 7.5NS 144TQFP<br/>In stock: 60 pcs<br/>RFQ</div>     |