



Lattice Semiconductor



Image may be representation. See specifications for product details.

LCMXO2-2000ZE-3TG144I

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMXO2-2000ZE-3TG144I                                                                                         |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                         |
| Product description | IC FPGA 111 I/O 144TQFP                                                                                       |
|                     |  1.LCMXO2-2000ZE-3TG144I.pdf |
|                     |  2.LCMXO2-2000ZE-3TG144I.pdf |
|                     |  3.LCMXO2-2000ZE-3TG144I.pdf |
|                     |  4.LCMXO2-2000ZE-3TG144I.pdf |
|                     |  5.LCMXO2-2000ZE-3TG144I.pdf |
| Datasheets:         |                                                                                                               |
|                     |                                                                                                               |
|                     |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 6822 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

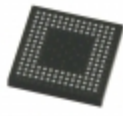
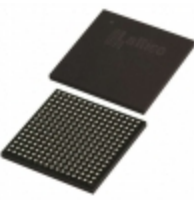
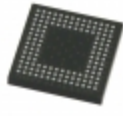
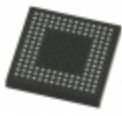
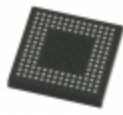
Specifications of LCMXO2-2000ZE-3TG144I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-2000ZE-3TG144I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 111 I/O 144TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 6822 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.LCMXO2-2000ZE-3TG144I.pdf<br> 2.LCMXO2-2000ZE-3TG144I.pdf<br> 3.LCMXO2-2000ZE-3TG144I.pdf<br> 4.LCMXO2-2000ZE-3TG144I.pdf<br> 5.LCMXO2-2000ZE-3TG144I.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| TOTAL RAM BITS                   | 75776                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | LCMXO2-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                             |                                                         |                                                 |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------|
| Lattice Semiconductor LCMXO2-2000ZE-3TG144I | LCMXO2-2000ZE-3TG144I Distributor                       | LCMXO2-2000ZE-3TG144I Supplier                  |
| LCMXO2-2000ZE-3TG144I Price                 | LCMXO2-2000ZE-3TG144I Pictures                          | LCMXO2-2000ZE-3TG144I Image                     |
| LCMXO2-2000ZE-3TG144I PDF Datasheet         | LCMXO2-2000ZE-3TG144I Download Datasheet                | LCMXO2-2000ZE-3TG144I Datasheet                 |
| LCMXO2-2000ZE-3TG144I Stock                 | Buy LCMXO2-2000ZE-3TG144I                               | Buy Lattice Semiconductor LCMXO2-2000ZE-3TG144I |
| Lattice Semiconductor LCMXO2-2000ZE-3TG144I | Lattice Semiconductor Supplier                          | Lattice Semiconductor Distributor               |
| Lattice Semiconductor LCMXO2-2000ZE-3TG144I | Lattice Semiconductor Corporation LCMXO2-2000ZE-3TG144I |                                                 |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LCMXO2-256HC-4SG48C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: MACHXO2 HIGH PERFORMANCE 256 LUT<br/>In stock: 30388 pcs</div> <div>RFQ</div> |  <div><b>LCMXO2-2000ZE-3TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 8298 pcs</div> <div>RFQ</div>          |
|  <div><b>LCMXO2-2000ZE-3MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 7544 pcs</div> <div>RFQ</div>        |  <div><b>LCMXO2-2000ZE-3FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6054 pcs</div> <div>RFQ</div>       |
|  <div><b>LCMXO2-256HC-4MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 55 I/O 132CSBGA<br/>In stock: 18514 pcs</div> <div>RFQ</div>         |  <div><b>LCMXO2-256HC-4SG32C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 29874 pcs</div> <div>RFQ</div>             |
|  <div><b>LCMXO2-2000ZE-3TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 7939 pcs</div> <div>RFQ</div>          |  <div><b>LCMXO2-256HC-4MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 55 I/O 132CSBGA<br/>In stock: 21342 pcs</div> <div>RFQ</div>         |
|  <div><b>LCMXO2-2000ZE-3TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: 7833 pcs</div> <div>RFQ</div>         |  <div><b>LCMXO2-256HC-4SG32I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 32027 pcs</div> <div>RFQ</div>             |
|  <div><b>LCMXO2-2000ZE-3MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 9195 pcs</div> <div>RFQ</div>        |  <div><b>LCMXO2-256HC-4SG48I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: MACHXO2 HIGH PERFORMANCE 256 LUT<br/>In stock: 29857 pcs</div> <div>RFQ</div> |