

LCMXO2-256ZE-1MG132I



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Part Number: LCMXO2-256ZE-1MG132I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 55 I/O 132CSBGA

Data sheet:

Product Selector Guide

MachXO2™ Family Datasheet

Package Diagrams

MachXO2 Family Qualification Summary

MachXO2 Family Handbook

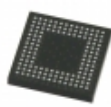
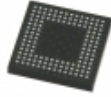
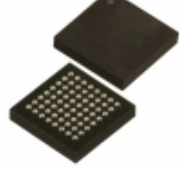
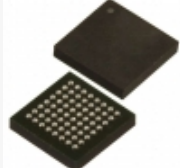
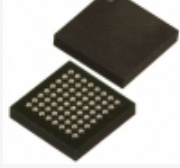
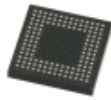
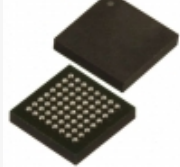
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | LCMXO2-256ZE-1MG132I                      | Manufacturer                     | Lattice Semiconductor                                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 55 I/O 132CSBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 20624 pcs                                 | Data sheet                       | <a href="#">Product Selector Guide</a><br><a href="#">MachXO2™ Family Datasheet</a><br><a href="#">Package Diagrams</a><br><a href="#">MachXO2 Family Qualification Summary</a><br><a href="#">MachXO2 Family Handbook</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 132-CSPBGA (8x8)                          | Series                           | MachXO2                                                                                                                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 132-LFBGA, CSPBGA                         | Other Names                      | 220-1430<br>LCMXO2-256ZE-1MG132I-ND<br>LCMXO2256ZE1MG132I                                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 256                                                                                                                                                                                                                        |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                           | 32                                        | Number of I/O                    | 55                                                                                                                                                                                                                         |
| 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                                                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | LCMXO2-256                                |                                  |                                                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 20624 pieces of Lattice Semiconductor LCMXO2-256ZE-1MG132I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                                                                                                                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                             |                                                      |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LCMXO2-256ZE-2MG132I</a><br>Description: IC FPGA 55 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6SG32CAIC</a><br>Description: IC FPGA 21 I/O 32QFN          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-2SG32C</a><br>Description: IC FPGA 21 I/O 32QFN             | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6TG100C</a><br>Description: IC FPGA 55 I/O 100TQFP          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6SG32C</a><br>Description: IC FPGA 21 I/O 32QFN             | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-1SG32I</a><br>Description: IC FPGA 21 I/O 32QFN             | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-2MG132C</a><br>Description: IC FPGA 55 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LCMXO2-256ZE-1UMG64C</a><br>Description: IC FPGA 44 I/O 64UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-1TG100I</a><br>Description: IC FPGA 55 I/O 100TQFP          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6SG48I</a><br>Description: MACHXO2 HIGH PERFORMANCE 256 LUT | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-1UMG64I</a><br>Description: IC FPGA 44 I/O 64UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6SG48C</a><br>Description: MACHXO2 HIGH PERFORMANCE 256 LUT | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LCMXO2-256ZE-1MG132C</a><br>Description: IC FPGA 55 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256HC-6UMG64I</a><br>Description: IC FPGA 44 I/O 64UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LCMXO2-256ZE-1MG132I

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