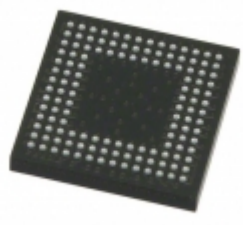


## LCMXO2-4000ZE-1MG132I



**Part Number:** [LCMXO2-4000ZE-1MG132I](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC FPGA 104 I/O 132CSBGA

- Data sheet:**
- [PDF Product Selector Guide](#)
  - [PDF MachXO2™ Family Datasheet](#)
  - [PDF Package Diagrams](#)
  - [PDF MachXO2 Family Qualification Summary](#)
  - [PDF MachXO2 Family Handbook](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">LCMXO2-4000ZE-1MG132I</a>
<b>Manufacturer</b>	<a href="#">Lattice Semiconductor</a>
<b>Description</b>	IC FPGA 104 I/O 132CSBGA
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	8680 pcs
<b>Product Photo</b>	<a href="#">LCMXO2-4000ZE-1MG132I.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply</b>	1.14 V ~ 1.26 V
<b>Total RAM Bits</b>	94208
<b>Supplier Device Package</b>	132-CSPBGA (8x8)
<b>Series</b>	MachXO2
<b>Package / Case</b>	132-LFBGA, CSPBGA
<b>Other Names</b>	220-1483 LCMXO2-4000ZE-1MG132I-ND LCMXO24000ZE1MG132I
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)
<b>Number of Logic Elements/Cells</b>	4320
<b>Number of LABs/CLBs</b>	540
<b>Number of I/O</b>	104
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Base Part Number</b>	LCMXO2-4000

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2BG256C</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 6767	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1BG332I</a> <b>Description:</b> IC FPGA 274 I/O 332CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 5888	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1BG256I</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7181	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2BG256I</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 6943	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2FG484C</a> <b>Description:</b> IC FPGA 278 I/O 484FBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 5468	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2BG332C</a> <b>Description:</b> IC FPGA 274 I/O 332CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 5434	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1BG256C</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7996	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1FG484I</a> <b>Description:</b> IC FPGA 278 I/O 484FBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 5040	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1FG484C</a> <b>Description:</b> IC FPGA 278 I/O 484FBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 4798	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1TG144I</a> <b>Description:</b> IC FPGA 114 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 9760	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1TG144C</a> <b>Description:</b> IC FPGA 114 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7412	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1MG132C</a> <b>Description:</b> IC FPGA 104 I/O 132CSBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10761	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1BG332C</a> <b>Description:</b> IC FPGA 274 I/O 332CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 6925	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2FG484I</a> <b>Description:</b> IC FPGA 278 I/O 484FBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 4652	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000HE-SEC-EVN</a> <b>Description:</b> BOARD MACHXO2 SENSOR EXTENDER	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 334	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1FTG256C</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 6884	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1QN84C</a> <b>Description:</b> IC FPGA 68 I/O 84QFN	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10073	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1QN84I</a> <b>Description:</b> IC FPGA 68 I/O 84QFN	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10401	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-2BG332I</a> <b>Description:</b> IC FPGA 274 I/O 332CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 5383	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-4000ZE-1FTG256I</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor Corporation</a> <b>In Stock:</b> 8171	<a href="#">RFQ</a>

### Related keywords for LCMXO2-4000ZE-1MG132I

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