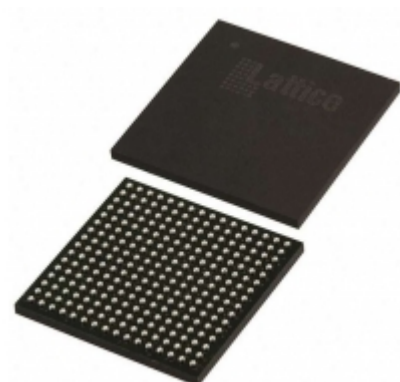


## LCMXO2-4000ZE-1FTG256I



**Part Number:** [LCMXO2-4000ZE-1FTG256I](#)

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

**Description:** IC FPGA 206 I/O 256FTBGA

**Data sheet:** [PDF Product Selector Guide](#)

[PDF MachXO2™ Family Datasheet](#)

[PDF MachXO2 Family Qualification Summary](#)

[PDF Package Diagrams](#)

[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

Part Number	<a href="#">LCMXO2-4000ZE-1FTG256I</a>
Manufacturer	<a href="#">Lattice Semiconductor Corporation</a>
Description	IC FPGA 206 I/O 256FTBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8171 pcs
Product Photo	<a href="#">LCMXO2-4000ZE-1FTG256I.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Breakdown	256-FTBGA (17x17)
Total RAM Bits	4320
Shell Style	1.14 V ~ 1.26 V
Series	MachXO2
Polarization	256-LBGA
Other Names	220-1481 LCMXO2-4000ZE-1FTG256I-ND LCMXO24000ZE1FTG256I
Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	540
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Part Number	LCMXO2-4000ZE-1FTG256I
Description	IC FPGA 206 I/O 256FTBGA
Core Type	94208
Clock Rate	206

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	Part#: <a href="#">LCMXO2-4000ZE-1FG484C</a> Description: IC FPGA 278 I/O 484FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 4798	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000HE-DSIB-EVN</a> Description: BOARD MACHXO2 IMAGE INTERFACE	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 404	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000HE-SEC-EVN</a> Description: BOARD MACHXO2 SENSOR EXTENDER	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 334	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1BG256C</a> Description: IC FPGA 206 I/O 256CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 7996	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1TG144I</a> Description: IC FPGA 114 I/O 144TQFP	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 9760	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1MG132C</a> Description: IC FPGA 104 I/O 132CSBGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 10761	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-2BG332I</a> Description: IC FPGA 274 I/O 332CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 5383	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1TG144C</a> Description: IC FPGA 114 I/O 144TQFP	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 7412	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-2BG332C</a> Description: IC FPGA 274 I/O 332CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 5434	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1MG132I</a> Description: IC FPGA 104 I/O 132CSBGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 8680	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1FTG256C</a> Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 6884	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-2BG256C</a> Description: IC FPGA 206 I/O 256CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 6767	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1QN84C</a> Description: IC FPGA 68 I/O 84QFN	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 10073	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1BG332I</a> Description: IC FPGA 274 I/O 332CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 5888	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1BG256I</a> Description: IC FPGA 206 I/O 256CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 7181	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-2BG256I</a> Description: IC FPGA 206 I/O 256CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 6943	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1QN84I</a> Description: IC FPGA 68 I/O 84QFN	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 10401	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000HE-6TG144I</a> Description: IC FPGA 114 I/O 144TQFP	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 6402	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1BG332C</a> Description: IC FPGA 274 I/O 332CABGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 6925	<a href="#">RFQ</a>
	Part#: <a href="#">LCMXO2-4000ZE-1FG484I</a> Description: IC FPGA 278 I/O 484FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a> In Stock: 5040	<a href="#">RFQ</a>

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