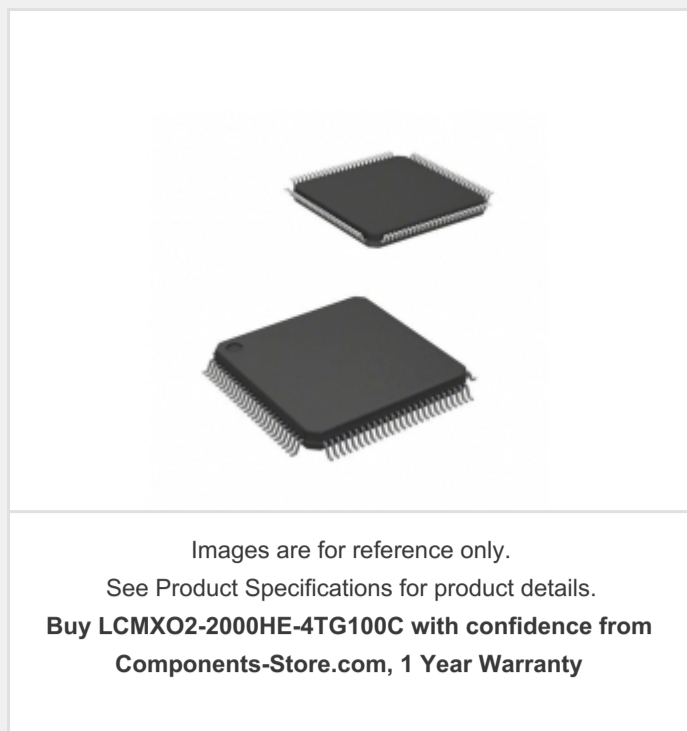


LCMXO2-2000HE-4TG100C



Part Number: [LCMXO2-2000HE-4TG100C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 79 I/O 100TQFP

- Data sheet:**
- [Product Selector Guide](#)
 - [MachXO2™ Family Datasheet](#)
 - [MachXO2 Family Qualification Summary](#)
 - [MachXO2 Family Handbook](#)
 - [Leaded Pkg PCB Layout Guide](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	LCMXO2-2000HE-4TG100C
Manufacturer	Lattice Semiconductor
Description	IC FPGA 79 I/O 100TQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10363 pcs
Product Photo	LCMXO2-2000HE-4TG100C-001.jpg , LCMXO2-2000HE-4TG100C-002.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	75776
Supplier Device Package	100-TQFP (14x14)
Series	MachXO2
Package / Case	100-LQFP
Other Names	220-1405 LCMXO2-2000HE-4TG100C-ND LCMXO22000HE4TG100C
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	2112
Number of LABs/CLBs	264
Number of I/O	79
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

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	Part#: LCMXO2-2000HE-4FTG256C	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-2000HC-6TG144I	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 111 I/O 144TQFP	In Stock: 8406	
	Part#: LCMXO2-2000HE-4TG100I	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 79 I/O 100TQFP	In Stock: 10181	
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	Description: IC FPGA 206 I/O 256CABGA	In Stock: 6341	
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	Description: IC FPGA 206 I/O 256CABGA	In Stock: 8053	
	Part#: LCMXO2-2000HE-4TG144I	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 111 I/O 144TQFP	In Stock: 8847	
	Part#: LCMXO2-2000HE-4MG132I	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 104 I/O 132CSBGA	In Stock: 9111	
	Part#: LCMXO2-2000HC-6TG100C	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 79 I/O 100TQFP	In Stock: 10144	
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	Description: IC FPGA 206 I/O 256FTBGA	In Stock: 5940	
	Part#: LCMXO2-2000HE-4FTG256I	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 206 I/O 256FTBGA	In Stock: 7586	
	Part#: LCMXO2-2000HE-4BG256C	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 206 I/O 256CABGA	In Stock: 9099	
	Part#: LCMXO2-2000HE-4TG144C	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-2000HC-6TG144C	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 111 I/O 144TQFP	In Stock: 8463	
	Part#: LCMXO2-2000HE-5BG256C	Manufacturers: Lattice Semiconductor	RFQ
	Description: IC FPGA 206 I/O 256CABGA	In Stock: 6458	

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