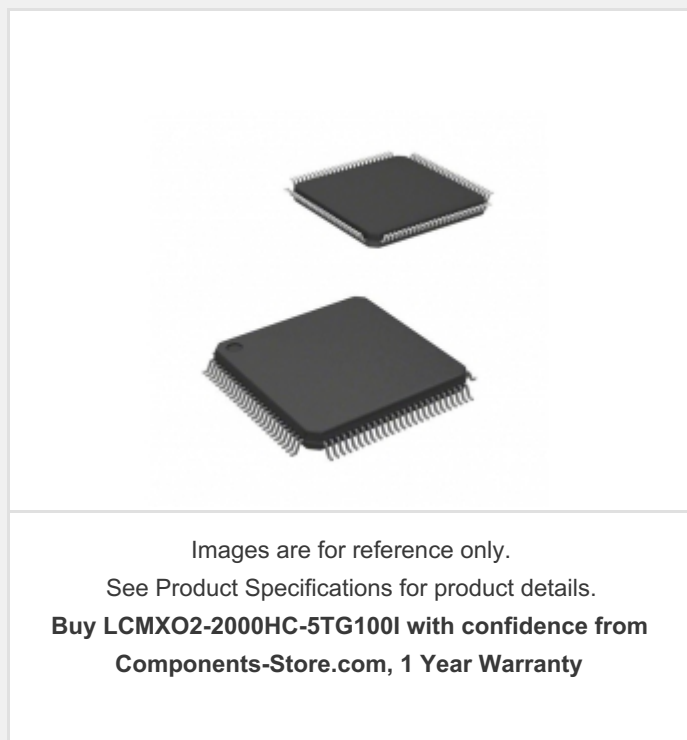


## LCMXO2-2000HC-5TG100I



**Part Number:** [LCMXO2-2000HC-5TG100I](#)

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

**Description:** IC FPGA 79 I/O 100TQFP

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

[PDF MachXO2™ Family Datasheet](#)

[PDF Package Diagrams](#)

[PDF MachXO2 Family Qualification Summary](#)

[PDF MachXO2 Family Handbook](#)

[PDF 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

<b>Part Number</b>	<a href="#">LCMXO2-2000HC-5TG100I</a>
<b>Manufacturer</b>	<a href="#">Lattice Semiconductor</a>
<b>Description</b>	IC FPGA 79 I/O 100TQFP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	8185 pcs
<b>Product Photo</b>	<a href="#">LCMXO2-2000HC-5TG100I-001.jpg</a> , <a href="#">LCMXO2-2000HC-5TG100I-002.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply</b>	2.375 V ~ 3.465 V
<b>Total RAM Bits</b>	75776
<b>Supplier Device Package</b>	100-TQFP (14x14)
<b>Series</b>	MachXO2
<b>Package / Case</b>	100-LQFP
<b>Other Names</b>	220-2042 LCMXO2-2000HC-5TG100I-ND
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)
<b>Number of Logic Elements/Cells</b>	2112
<b>Number of LABs/CLBs</b>	264
<b>Number of I/O</b>	79
<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>	LCMXO2-2000

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">LCMXO2-2000HC-4TG144C</a> <b>Description:</b> IC FPGA 111 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 9953	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6TG100C</a> <b>Description:</b> IC FPGA 79 I/O 100TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10144	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5FTG256I</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7582	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5BG256C</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 8392	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6BG256C</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7519	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6FTG256C</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7287	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5TG144I</a> <b>Description:</b> IC FPGA 111 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7901	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-4TG100I</a> <b>Description:</b> IC FPGA 79 I/O 100TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 11146	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5FTG256C</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7930	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5TG100C</a> <b>Description:</b> IC FPGA 79 I/O 100TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 8938	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6MG132I</a> <b>Description:</b> IC FPGA 104 I/O 132CSBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 8168	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5BG256I</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7309	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5TG144C</a> <b>Description:</b> IC FPGA 111 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10152	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6FTG256I</a> <b>Description:</b> IC FPGA 206 I/O 256FTBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7226	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5MG132C</a> <b>Description:</b> IC FPGA 104 I/O 132CSBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 10554	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6TG100I</a> <b>Description:</b> IC FPGA 79 I/O 100TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7974	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-5MG132I</a> <b>Description:</b> IC FPGA 104 I/O 132CSBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7696	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6BG256I</a> <b>Description:</b> IC FPGA 206 I/O 256CABGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 7309	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-4TG144I</a> <b>Description:</b> IC FPGA 111 I/O 144TQFP	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 8619	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LCMXO2-2000HC-6MG132C</a> <b>Description:</b> IC FPGA 104 I/O 132CSBGA	<b>Manufacturers:</b> <a href="#">Lattice Semiconductor</a> <b>In Stock:</b> 9228	<a href="#">RFQ</a>

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