

LCMXO2-7000ZE-1TG144C



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Part Number: [LCMXO2-7000ZE-1TG144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 114 I/O 144TQFP

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

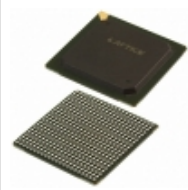
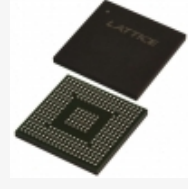
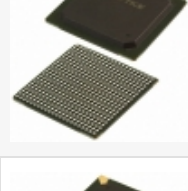
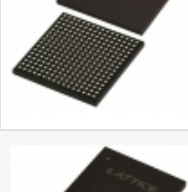
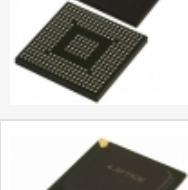
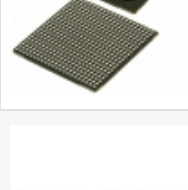
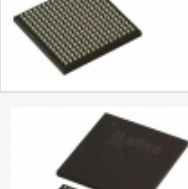
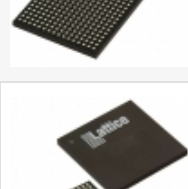
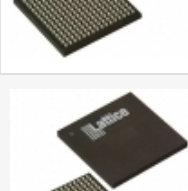
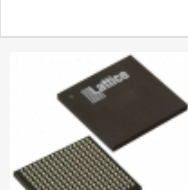
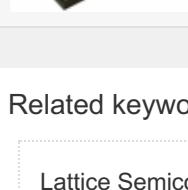
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LCMXO2-7000ZE-1TG144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 114 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6172 pcs	Data sheet	Product Selector Guide MachXO2™ Family Datasheet Package Diagrams MachXO2 Family Qualification Summary MachXO2 Family Handbook Leaded Pkg PCB Layout Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	245760	Supplier Device Package	144-TQFP (20x20)
Series	MachXO2	Package / Case	144-LQFP
Other Names	220-1528 LCMXO2-7000ZE-1TG144C-ND LCMXO27000ZE1TG144C	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	6864	Number of LABs/CLBs	858
Number of I/O	114	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	LCMXO2-7000
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	Part#: LCMXO2-7000ZE-1FG484C Description: IC FPGA 334 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-7000ZE-2FTG256I Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-7000HE-6TG144I Description: IC FPGA 114 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-7000ZE-1BG256I Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ

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