

LCMXO2-7000ZE-2BG256I



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Part Number: LCMXO2-7000ZE-2BG256I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 206 I/O 256CABGA

Data sheet:

PDF

Product Selector Guide

PDF

MachXO2™ Family Datasheet

PDF

Package Diagrams

PDF

MachXO2 Family Qualification Summary

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MachXO2 Family Handbook

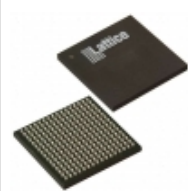
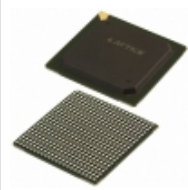
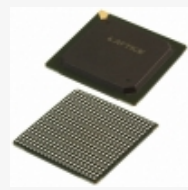
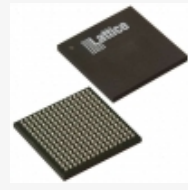
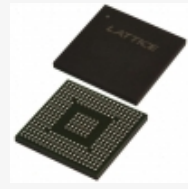
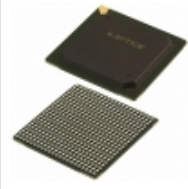
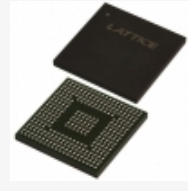
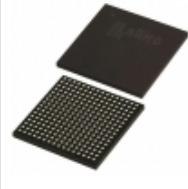
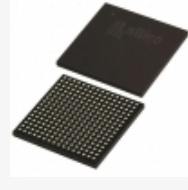
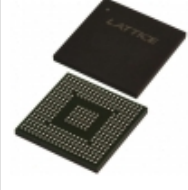
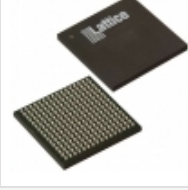
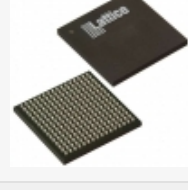
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	LCMXO2-7000ZE-2BG256I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 206 I/O 256CABGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5226 pcs	Data sheet	Product Selector Guide MachXO2™ Family Datasheet Package Diagrams MachXO2 Family Qualification Summary MachXO2 Family Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	245760	Supplier Device Package	256-CABGA (14x14)
Series	MachXO2	Package / Case	256-LFBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	6864
Number of LABs/CLBs	858	Number of I/O	206
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-1BG332C Description: IC FPGA 278 I/O 332CABGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-7000ZE-2BG332C Description: IC FPGA 278 I/O 332CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-7000ZE-1FTG256C Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-7000ZE-1BG332I Description: IC FPGA 278 I/O 332CABGA	Manufacturers: Lattice Semiconductor	RFQ
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