

LCMXO2-640HC-5MG132I



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Part Number: LCMXO2-640HC-5MG132I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 79 I/O 132CSBGA

Data sheet:

Product Selector Guide

MachXO2™ Family Datasheet

Package Diagrams

MachXO2 Family Qualification Summary

MachXO2 Family Handbook

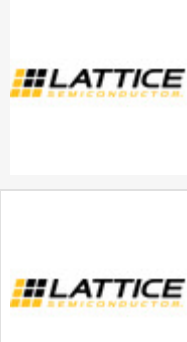
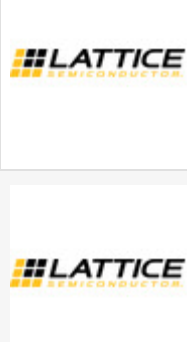
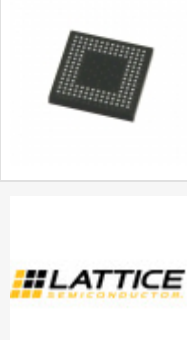
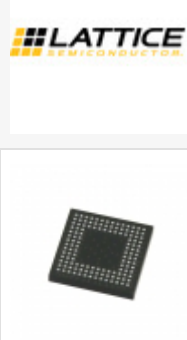
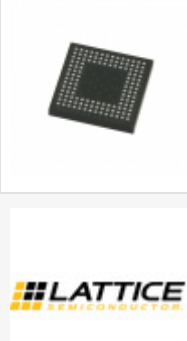
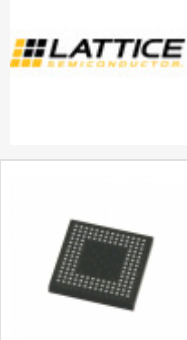
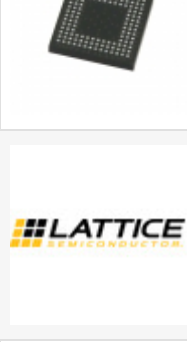
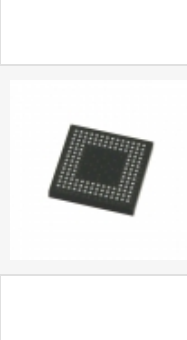
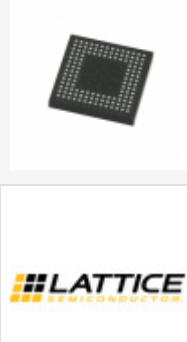
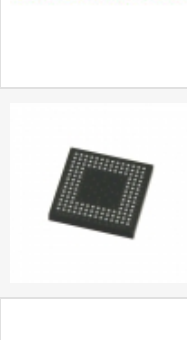
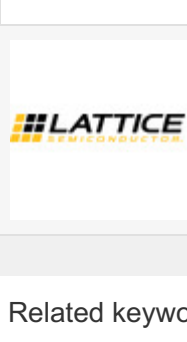
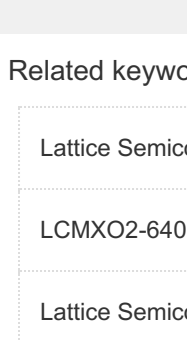
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	LCMXO2-640HC-5MG132I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 79 I/O 132CSBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13843 pcs	Data sheet	Product Selector Guide MachXO2™ Family Datasheet Package Diagrams MachXO2 Family Qualification Summary MachXO2 Family Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	2.375 V ~ 3.465 V
Total RAM Bits	18432	Supplier Device Package	132-CSPBGA (8x8)
Series	MachXO2	Package / Case	132-LFBGA, CSPBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	640
Number of LABs/CLBs	80	Number of I/O	79
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	LCMXO2-640		
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	Part#: LCMXO2-640HC-4MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3TG144I Description: IC FPGA 114 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-4TG100I Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ

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