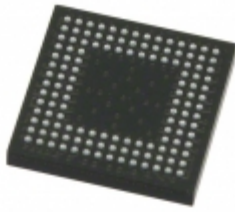


LCMXO2-640HC-4MG132I



Images are for reference only.
See Product Specifications for product details.
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Part Number: [LCMXO2-640HC-4MG132I](#)

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](#)

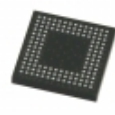
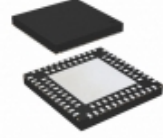
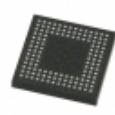
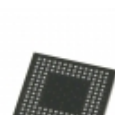
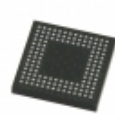
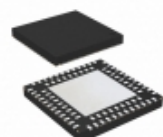
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	LCMXO2-640HC-4MG132I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 79 I/O 132CSBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15363 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
Other Names	220-1491 LCMXO2-640HC-4MG132I-ND LCMXO2640HC4MG132I	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-5SG48I Description: MACHXO2 HIGH PERFORMANCE 640 LUT	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-640HC-4MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3TG144C Description: IC FPGA 114 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-5TG100I Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-640HC-4TG100C Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-4SG48C Description: MACHXO2 HIGH PERFORMANCE 640 LUT	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3MG132C Description: IC FPGA 104 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3MG132I Description: IC FPGA 104 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3FTG256I Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-5TG100C Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-4000ZE-3FTG256C Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-4000ZE-3QN84I Description: IC FPGA 68 I/O 84QFN	Manufacturers: Lattice Semiconductor	RFQ

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