

LCMXO2-256HC-4SG48I



Part Number: [LCMXO2-256HC-4SG48I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: MACHXO2 HIGH PERFORMANCE 256 LUT

Data sheet:  [MachXO2™ Family Datasheet](#)
 [MachXO2 Family Qualification Summary](#)

RoHs Status: Lead free / RoHS Compliant

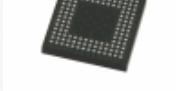
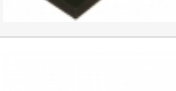
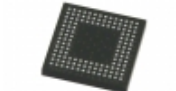
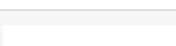
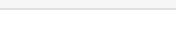
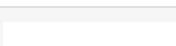
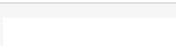
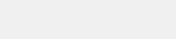
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LCMXO2-256HC-4SG48I	Manufacturer	Lattice Semiconductor
Description	MACHXO2 HIGH PERFORMANCE 256 LUT	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29800 pcs	Data sheet	MachXO2™ Family Datasheet MachXO2 Family Qualification Summary
Category	Integrated Circuits (ICs)	Voltage - Supply	2.375 V ~ 3.465 V
Supplier Device Package	48-QFN (7x7)	Series	MachXO2
Package / Case	48-VFQFN Exposed Pad	Other Names	220-2176 LCMXO2-256HC-4SG48I-ND
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	256
Number of LABs/CLBs	32	Number of I/O	40
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
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RELATED PRODUCTS			
	Part#: LCMXO2-2000ZE-3TG144C Description: IC FPGA 111 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5SG48I Description: MACHXO2 HIGH PERFORMANCE 256 LUT	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5SG32C Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-2000ZE-3MG132I Description: IC FPGA 104 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-4UMG64I Description: IC FPGA 44 I/O 64UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-4UMG64C Description: IC FPGA 44 I/O 64UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5MG132C Description: IC FPGA 55 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-4MG132I Description: IC FPGA 55 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-4MG132C Description: IC FPGA 55 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-256HC-4TG100I Description: IC FPGA 55 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5SG32I Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-2000ZE-3TG100I Description: IC FPGA 79 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-2000ZE-3TG100C Description: IC FPGA 79 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-2000ZE-3TG144I Description: IC FPGA 111 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5SG48C Description: MACHXO2 HIGH PERFORMANCE 256 LUT	Manufacturers: Lattice Semiconductor	RFQ

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