

LCMXO2-640HC-5TG100I



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Part Number: LCMXO2-640HC-5TG100I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 70 I/O 100TQFP

Data sheet:

Product Selector Guide

MachXO2™ Family Datasheet

Package Diagrams

MachXO2 Family Qualification Summary

MachXO2 Family Handbook

Leaded Pkg PCB Layout Guide

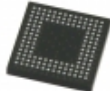
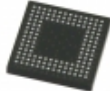
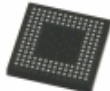
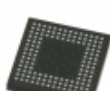
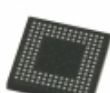
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	LCMXO2-640HC-5TG100I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 70 I/O 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15859 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	2.375 V ~ 3.465 V
Total RAM Bits	18432	Supplier Device Package	100-TQFP (14x14)
Series	MachXO2	Package / Case	100-LQFP
Other Names	220-2045 LCMXO2-640HC-5TG100I-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	640	Number of LABs/CLBs	80
Number of I/O	78	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	LCMXO2-640
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	Part#: LCMXO2-640HC-4MG132I Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-5MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640HC-6SG48I Description: MACHXO2 HIGH PERFORMANCE 640 LUT	Manufacturers: Lattice Semiconductor	RFQ
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