

LCMXO2-7000HC-5TG144C



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Part Number: LCMXO2-7000HC-5TG144C

Manufacturer: Lattice Semiconductor

Description: IC FPGA 114 I/O 144TQFP

Data sheet:

Product Selector Guide

MachXO2™ Family Datasheet

MachXO2 Family Qualification Summary

MachXO2 Family Handbook

Leaded Pkg PCB Layout Guide

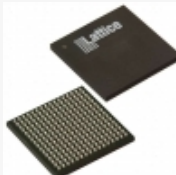
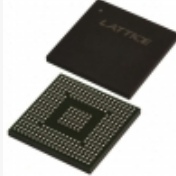
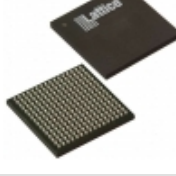
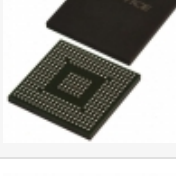
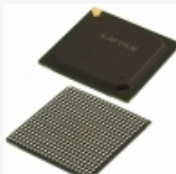
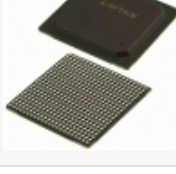
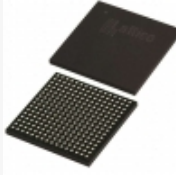
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	LCMXO2-7000HC-5TG144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 114 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6868 pcs	Data sheet	Product Selector Guide MachXO2™ Family Datasheet 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	245760	Supplier Device Package	144-TQFP (20x20)
Series	MachXO2	Package / Case	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	6864
Number of LABs/CLBs	858	Number of I/O	114
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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