

LCMXO640C-3TN144C



Part Number: [LCMXO640C-3TN144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 113 I/O 144TQFP

Data sheet:  [Package Diagrams](#)
 [Leaded Pkg PCB Layout Guide](#)
 [LCMXO_MachXO Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

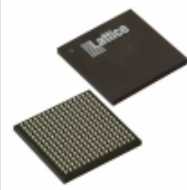
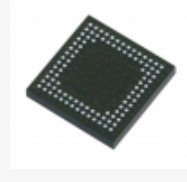
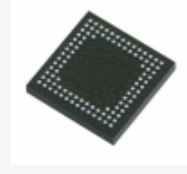
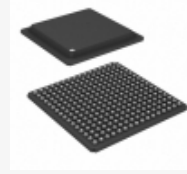
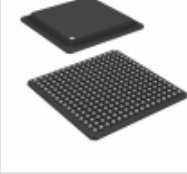
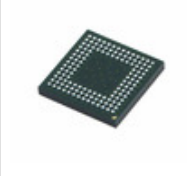
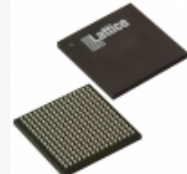
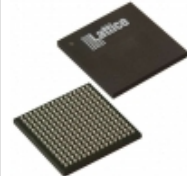
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PRODUCT PARAMETER			
Part Number	LCMXO640C-3TN144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 113 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18300 pcs	Data sheet	Package Diagrams Leaded Pkg PCB Layout Guide LCMXO_MachXO Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 3.465 V
Supplier Device Package	144-TQFP (20x20)	Series	MachXO
Package / Case	144-LQFP	Other Names	220-1194 LCMXO640C3TN144C
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	640
Number of LABs/CLBs	80	Number of I/O	113
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	LCMXO640		
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	Part#: LCMXO640C-3T144C Description: IC FPGA 113 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640C-3MN100I Description: IC FPGA 74 I/O 100CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO640C-3MN132I Description: IC FPGA 101 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640C-4B256I Description: IC FPGA 159 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640C-4B256C Description: IC FPGA 159 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
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