

LCMXO640E-5T144C



Part Number: [LCMXO640E-5T144C](#)

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: Contains lead / RoHS non-compliant

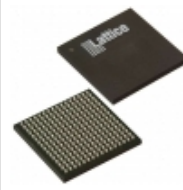
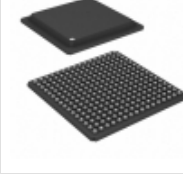
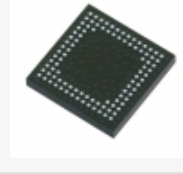
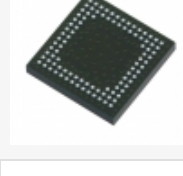
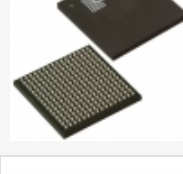
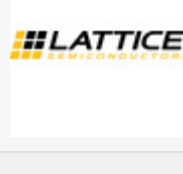
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PRODUCT PARAMETER			
Part Number	LCMXO640E-5T144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 113 I/O 144TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4420 pcs	Data sheet	Package Diagrams Leaded Pkg PCB Layout Guide LCMXO_MachXO Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Supplier Device Package	144-TQFP (20x20)	Series	MachXO
Package / Case	144-LQFP	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)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Base Part Number	LCMXO640		
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	Part#: LCMXO640E-4T144I Description: IC FPGA 113 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640E-5TN100C Description: IC FPGA 74 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640E-4T100I Description: IC FPGA 74 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO640E-5F256C Description: IC FPGA 159 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640E-5BN256C Description: IC FPGA 159 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO640E-5M132C Description: IC FPGA 101 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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