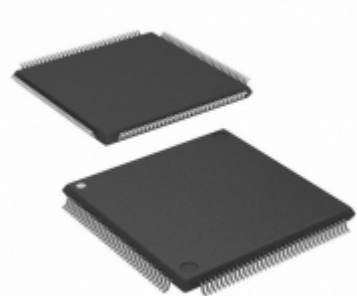


LCMXO2-4000HE-4TG144C



Part Number: [LCMXO2-4000HE-4TG144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 114 I/O 144TQFP

Data sheet: [PDF Product Selector Guide](#)

[PDF MachXO2™ Family Datasheet](#)

[PDF MachXO2 Family Qualification Summary](#)

[PDF MachXO2 Family Handbook](#)

[PDF Leaded Pkg PCB Layout Guide](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	LCMXO2-4000HE-4TG144C
Manufacturer	Lattice Semiconductor
Description	IC FPGA 114 I/O 144TQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10767 pcs
Product Photo	LCMXO2-4000HE-4TG144C-001.jpg , LCMXO2-4000HE-4TG144C-002.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	94208
Supplier Device Package	144-TQFP (20x20)
Series	MachXO2
Package / Case	144-LQFP
Other Names	220-1472 LCMXO2-4000HE-4TG144C-ND LCMXO24000HE4TG144C
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	4320
Number of LABs/CLBs	540
Number of I/O	114
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	LCMXO2-4000

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	Part#: LCMXO2-4000HE-5FTG256C Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor In Stock: 7558	RFQ
	Part#: LCMXO2-4000HE-5BG332I Description: IC FPGA 274 I/O 332CABGA	Manufacturers: Lattice Semiconductor In Stock: 6170	RFQ
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	Part#: LCMXO2-4000HE-4FTG256I Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor In Stock: 6513	RFQ
	Part#: LCMXO2-4000HE-4FTG256C Description: IC FPGA 206 I/O 256FTBGA	Manufacturers: Lattice Semiconductor In Stock: 8748	RFQ
	Part#: LCMXO2-4000HE-5BG256I Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor In Stock: 7622	RFQ
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