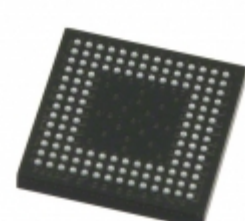


LCMXO2-640ZE-2MG132I



Part Number: [LCMXO2-640ZE-2MG132I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 79 I/O 132CSBGA

Data sheet: [Product Selector Guide](#)

[MachXO2™ Family Datasheet](#)

[Package Diagrams](#)

[MachXO2 Family Qualification Summary](#)

[MachXO2 Family Handbook](#)

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.
Buy LCMXO2-640ZE-2MG132I with confidence from
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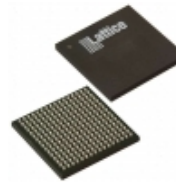
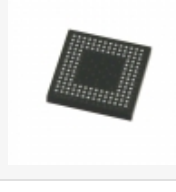



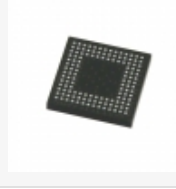







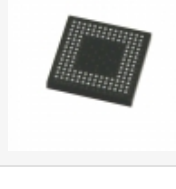

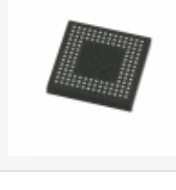


PRODUCT PARAMETER

Part Number	LCMXO2-640ZE-2MG132I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 79 I/O 132CSBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15738 pcs	Data sheet	Product Selector Guide MachXO2™ Family Datasheet Package Diagrams MachXO2 Family Qualification Summary MachXO2 Family Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	18432	Supplier Device Package	132-CSPBGA (8x8)
Series	MachXO2	Package / Case	132-LFBGA, CSPBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	640
Number of LABs/CLBs	80	Number of I/O	79
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	LCMXO2-640		

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	Part#: LCMXO2-640ZE-1TG100C Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-7000HC-4BG256I Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-2MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-3TG100I Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-7000HC-4BG332C Description: IC FPGA 278 I/O 332CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640UHC-6TG144C Description: IC FPGA 107 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-1MG132I Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-7000HC-4BG256C Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640UHC-5TG144C Description: IC FPGA 107 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LCMXO2-640UHC-6TG144I Description: IC FPGA 107 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-3MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-2TG100C Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-3TG100C Description: IC FPGA 70 I/O 100TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-640ZE-1MG132C Description: IC FPGA 79 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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