

LAXP2-8E-5TN144E



Part Number: [LAXP2-8E-5TN144E](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 100 I/O 144TQFP

Data sheet:  [Package Diagrams](#)
 [Leaded Pkg PCB Layout Guide](#)
 [LA-XP2 Family](#)

RoHs Status: Lead free / RoHS Compliant

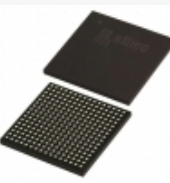
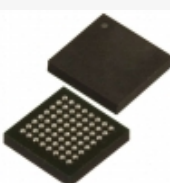
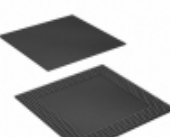
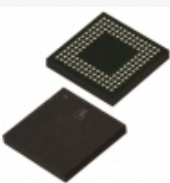
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PRODUCT PARAMETER			
Part Number	LAXP2-8E-5TN144E	Manufacturer	Lattice Semiconductor
Description	IC FPGA 100 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4912 pcs	Data sheet	Package Diagrams Leaded Pkg PCB Layout Guide LA-XP2 Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	226304	Supplier Device Package	144-TQFP (20x20)
Series	LA-XP2	Package / Case	144-LQFP
Other Names	220-2655 LAXP2-8E-5TN144E-ND	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Logic Elements/Cells	8000	Number of LABs/CLBs	1000
Number of I/O	100	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	LAXP2
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	Part#: LAXP2-5E-5FTN256E Description: IC FPGA 172 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO2-256HC-5UMG64C Description: IC FPGA 44 I/O 64UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAXP2-17E-5QN208E Description: IC FPGA 146 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAXP2-8E-5QN208E Description: IC FPGA 146 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: XC6SLX16-N3CSG324I Description: IC FPGA 232 I/O 324CSBGA	Manufacturers: Xilinx	RFQ
	Part#: EPF10K130EBC600-3 Description: IC FPGA 424 I/O 600BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: LAXP2-8E-5FTN256E Description: IC FPGA 201 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: A54SX16A-2TQG100I Description: IC FPGA 81 I/O 100TQFP	Manufacturers: Microsemi	RFQ
	Part#: LAXP2-8E-5MN132E Description: IC FPGA 86 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAXP2-5E-5MN132E Description: IC FPGA 86 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: A42MX24-PQG160 Description: IC FPGA 125 I/O 160QFP	Manufacturers: Microsemi	RFQ
	Part#: LAXP2-5E-5TN144E Description: IC FPGA 100 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAXP2-5E-5QN208E Description: IC FPGA 146 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAXP2-17E-5FTN256E Description: IC FPGA 201 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: AGLN060V5-ZVQ100 Description: IC FPGA 71 I/O 100VQFP	Manufacturers: Microsemi	RFQ

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