

LFXP2-5E-5TN144C



Part Number: [LFXP2-5E-5TN144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 100 I/O 144TQFP

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

RoHs Status: Lead free / RoHS Compliant

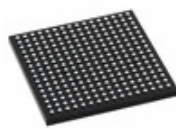
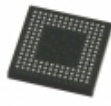
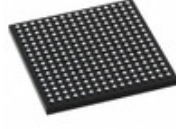
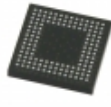
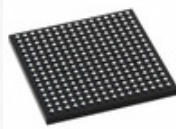
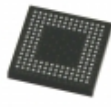
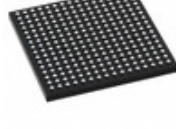
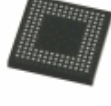
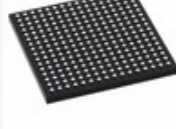
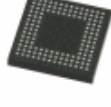
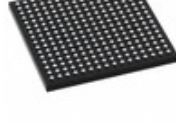
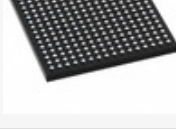
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PRODUCT PARAMETER			
Part Number	LFXP2-5E-5TN144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 100 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9691 pcs	Data sheet	Product Selector Guide Package Diagrams XP2 Family Leaded Pkg PCB Layout Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	169984	Supplier Device Package	144-TQFP (20x20)
Series	XP2	Package / Case	144-LQFP
Other Names	220-1250 LFXP25E5TN144C	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	5000	Number of LABs/CLBs	625
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	LFXP2-5
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	Part#: LFXP2-5E-5M132I Description: IC FPGA 86 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFXP2-5E-5QN208C Description: IC FPGA 146 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFXP2-5E-6FT256C Description: IC FPGA 172 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFXP2-5E-5FTN256I Description: IC FPGA 172 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFXP2-5E-5MN132C Description: IC FPGA 86 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ

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