

LFE2-12E-7TN144C



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Part Number: [LFE2-12E-7TN144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 93 I/O 144TQFP

Data sheet:  [Product Selector Guide](#)
 [Package Diagrams](#)
 [ECP2\(M\) Family Handbook](#)
 [Leaded Pkg PCB Layout Guide](#)
 [ECP2\(M\) Family](#)

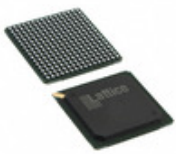
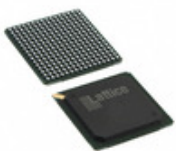
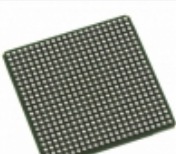
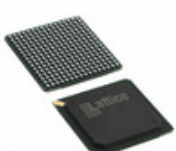
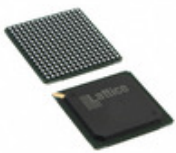
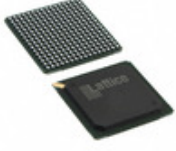
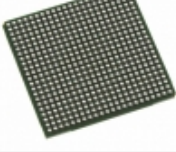
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	LFE2-12E-7TN144C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 93 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3237 pcs	Data sheet	Product Selector Guide Package Diagrams ECP2(M) Family Handbook Leaded Pkg PCB Layout Guide ECP2(M) Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	226304	Supplier Device Package	144-TQFP (20x20)
Series	ECP2	Package / Case	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	12000
Number of LABs/CLBs	1500	Number of I/O	93
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	LFE2-12		
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	Part#: LFE2-12E-6TN144I Description: IC FPGA 93 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12E-7F256C Description: IC FPGA 193 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12E-7QN208C Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2-12E-7FN484C Description: IC FPGA 297 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12SE-5Q208I Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2-12SE-5F484C Description: IC FPGA 297 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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