

LFE2-12E-6FN256C



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Part Number: [LFE2-12E-6FN256C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 193 I/O 256FBGA

Data sheet:  [Product Selector Guide](#)
 [ECP2\(M\) Family Handbook](#)
 [ECP2\(M\) Family](#)

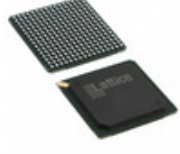
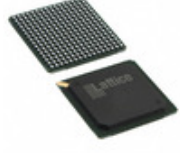
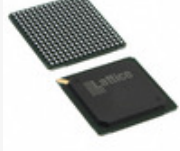
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LFE2-12E-6FN256C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 193 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3218 pcs	Data sheet	Product Selector Guide ECP2(M) Family Handbook ECP2(M) Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	226304	Supplier Device Package	256-FPBGA (17x17)
Series	ECP2	Package / Case	256-BGA
Other Names	220-1747 LFE2-12E-6FN256C-ND LFE212E6FN256C	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	12000	Number of LABs/CLBs	1500
Number of I/O	193	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-6QN208C Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2-12E-6Q208C Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
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