

LFE2-12E-5FN256I



Part Number: [LFE2-12E-5FN256I](#)

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

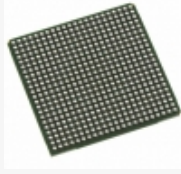
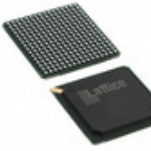
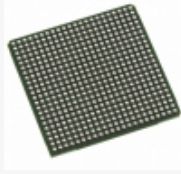
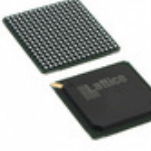
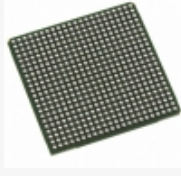
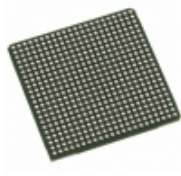
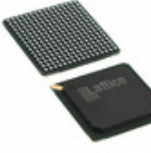
Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	LFE2-12E-5FN256I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 193 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3310 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
Operating Temperature	-40°C ~ 100°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-5F256I Description: IC FPGA 193 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2-12E-5TN144C Description: IC FPGA 93 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12E-5Q208I Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12E-5Q208C Description: IC FPGA 131 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2-12E-5TN144I Description: IC FPGA 93 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
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