

LFE2M20SE-5FN256I



Part Number: [LFE2M20SE-5FN256I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 140 I/O 256FBGA

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

RoHs Status: Lead free / RoHS Compliant

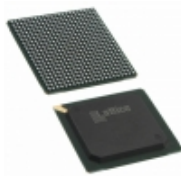
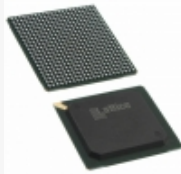
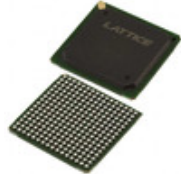
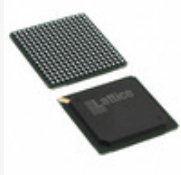
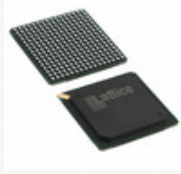
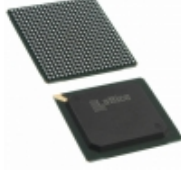
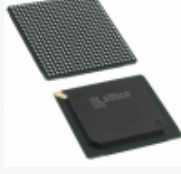
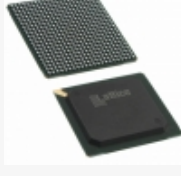
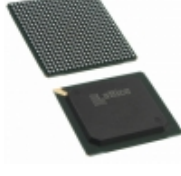
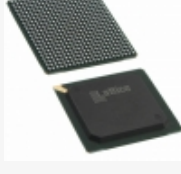
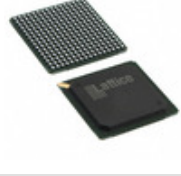
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LFE2M20SE-5FN256I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 140 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2041 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	1246208	Supplier Device Package	256-FPBGA (17x17)
Series	ECP2M	Package / Case	256-BGA
Other Names	220-1295 LFE2M20SE-5FN256I-ND LFE2M20SE5FN256I	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	19000	Number of LABs/CLBs	2375
Number of I/O	140	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	LFE2M20
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	Part#: LFE2M20SE-5F256C Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2M20SE-5FN484C Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20SE-6F484C Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2M20E-7FN256C Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-7F256C Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-7FN484C Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ

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