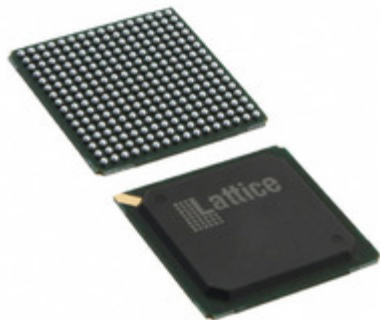


LFE2M20E-5FN256C



Images are for reference only.
See Product Specifications for product details.
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LATTICE
SEMICONDUCTOR

Part Number: [LFE2M20E-5FN256C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 140 I/O 256FBGA

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

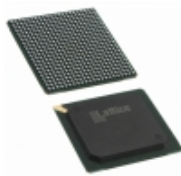
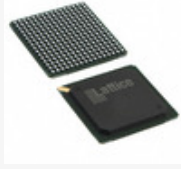
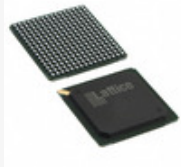
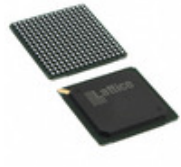
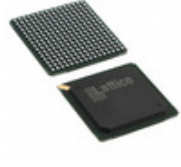
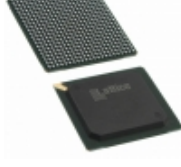
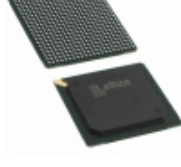
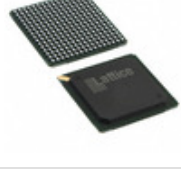
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	LFE2M20E-5FN256C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 140 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2126 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	220-1757 LFE2M20E-5FN256C-ND LFE2M20E5FN256C	Operating Temperature	0°C ~ 85°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#: LFE2M20E-6FN484C Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-6FN256C Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2M20E-5F256C Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-5FN484C Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-5FN484I Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M100SE-7FN900C Description: IC FPGA 416 I/O 900FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-5F484I Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2M20E-5F256I Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE2M20E-5FN256I Description: IC FPGA 140 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE2M20E-6F484I Description: IC FPGA 304 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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