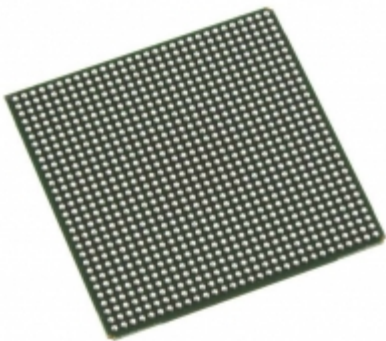



LFE2M100E-6FN900I




Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [LFE2M100E-6FN900I](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC FPGA 416 I/O 900FBGA

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




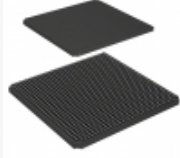


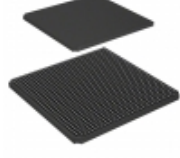

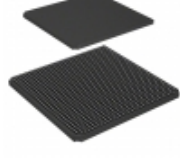

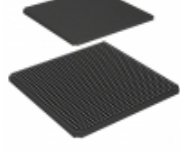

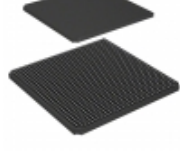



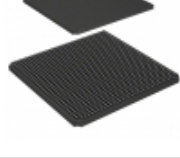



**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	LFE2M100E-6FN900I	Manufacturer	<a href="#">Lattice Semiconductor</a>
Description	IC FPGA 416 I/O 900FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	162 pcs	Data sheet	<a href="#">Product Selector Guide</a> <a href="#">ECP2(M) Family Handbook</a> <a href="#">ECP2(M) Family</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	5435392	Supplier Device Package	900-FPBGA (31x31)
Series	ECP2M	Package / Case	900-BBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	95000
Number of LABs/CLBs	11875	Number of I/O	416
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	LFE2M100		
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	Part#: <a href="#">LFE2M100E-5FN900I</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100SE-5F900C</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100E-6FN1152C</a> Description: IC FPGA 520 I/O 1152FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100E-6FN900C</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100E-6F900I</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100SE-5FN1152I</a> Description: IC FPGA 520 I/O 1152FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100SE-5F900I</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100SE-5F1152I</a> Description: IC FPGA 520 I/O 1152FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100E-5FN900C</a> Description: IC FPGA 416 I/O 900FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100E-7F1152C</a> Description: IC FPGA 520 I/O 1152FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">LFE2M100SE-5FN1152C</a> Description: IC FPGA 520 I/O 1152FBGA	Manufacturers: <a href="#">Lattice Semiconductor</a>	<a href="#">RFQ</a>
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