



Lattice Semiconductor

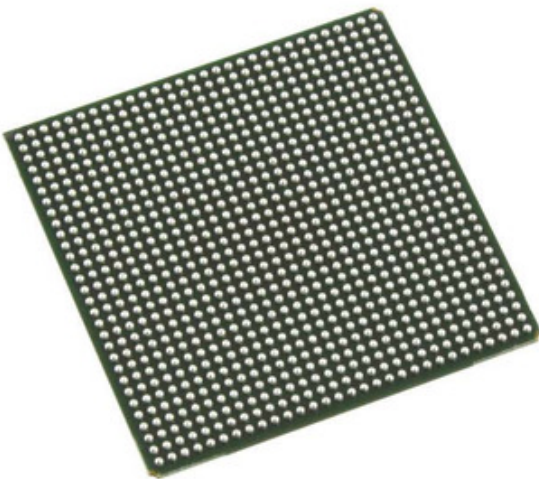


Image may be representation. See specifications for product details.

LFE2M100E-6FN900C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE2M100E-6FN900C                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 416 I/O 900FBGA                                                                                      |
|                     |  1.LFE2M100E-6FN900C.pdf    |
|                     |  2.LFE2M100E-6FN900C.pdf    |
|                     |  3.LFE2M100E-6FN900C.pdf    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 231 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

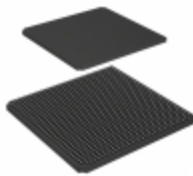
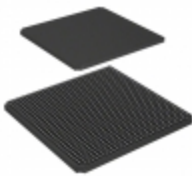
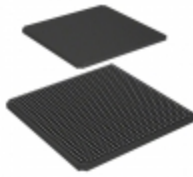
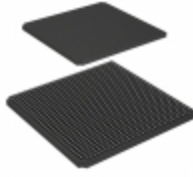
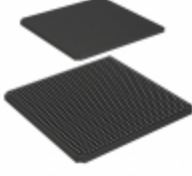
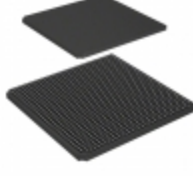
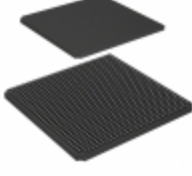
Specifications of LFE2M100E-6FN900C

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE2M100E-6FN900C                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 416 I/O 900FBGA                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 231 pcs                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.LFE2M100E-6FN900C.pdf<br> 2.LFE2M100E-6FN900C.pdf<br> 3.LFE2M100E-6FN900C.pdf |
| 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            | 0°C ~ 85°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)                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | LFE2M100                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                         |                                                     |                                             |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Lattice Semiconductor LFE2M100E-6FN900C | LFE2M100E-6FN900C Distributor                       | LFE2M100E-6FN900C Supplier                  |
| LFE2M100E-6FN900C Price                 | LFE2M100E-6FN900C Pictures                          | LFE2M100E-6FN900C Image                     |
| LFE2M100E-6FN900C PDF Datasheet         | LFE2M100E-6FN900C Download Datasheet                | LFE2M100E-6FN900C Datasheet                 |
| LFE2M100E-6FN900C Stock                 | Buy LFE2M100E-6FN900C                               | Buy Lattice Semiconductor LFE2M100E-6FN900C |
| Lattice Semiconductor LFE2M100E-6FN900C | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor LFE2M100E-6FN900C | Lattice Semiconductor Corporation LFE2M100E-6FN900C |                                             |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LFE2M100E-7FN1152C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 184 pcs<br/>RFQ</div> |  <div><b>LFE2M100E-6F1152I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 3551 pcs<br/>RFQ</div>  |
|  <div><b>LFE2M100E-6FN1152C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 215 pcs<br/>RFQ</div> |  <div><b>LFE2M100E-7F900C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 416 I/O 900FBGA<br/>In stock: 6326 pcs<br/>RFQ</div>    |
|  <div><b>LFE2M100E-6F1152C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 6659 pcs<br/>RFQ</div> |  <div><b>LFE2M100E-6F900C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 416 I/O 900FBGA<br/>In stock: 6640 pcs<br/>RFQ</div>    |
|  <div><b>LFE2M100E-6F900I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 416 I/O 900FBGA<br/>In stock: 4876 pcs<br/>RFQ</div>   |  <div><b>LFE2M100E-7FN900C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 416 I/O 900FBGA<br/>In stock: 169 pcs<br/>RFQ</div>    |
|  <div><b>LFE2M100E-6FN900I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 416 I/O 900FBGA<br/>In stock: 210 pcs<br/>RFQ</div>   |  <div><b>LFE2M100E-7F1152C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 5815 pcs<br/>RFQ</div>  |
|  <div><b>LFE2M100E-6FN1152I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 179 pcs<br/>RFQ</div> |  <div><b>LFE2M100SE-5F1152C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 520 I/O 1152FBGA<br/>In stock: 3948 pcs<br/>RFQ</div> |