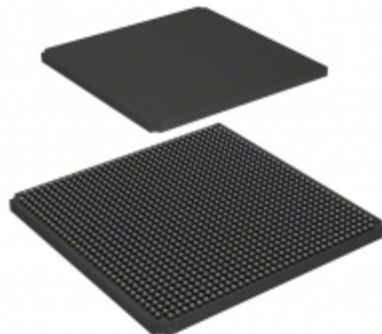


LFE2M70E-5FN1152I



**Part Number:** [LFE2M70E-5FN1152I](#)

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

**Description:** IC FPGA 436 I/O 1152FBGA

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

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

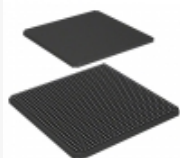
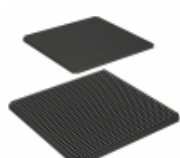
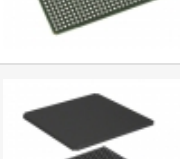
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LFE2M70E-5FN1152I                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC FPGA 436 I/O 1152FBGA                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 365 pcs                                   | Data sheet                       | <a href="#">Product Selector Guide</a><br><a href="#">ECP2(M) Family Handbook</a><br><a href="#">ECP2(M) Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                     |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4642816                                   | Supplier Device Package          | 1152-FPBGA (35x35)                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ECP2M                                     | Package / Case                   | 1152-BBGA                                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 67000                                                                                                               |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8375                                      | Number of I/O                    | 436                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LFE2M70                                   |                                  |                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                      |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LFE2M70E-6FN900I</a><br>Description: IC FPGA 416 I/O 900FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6F1152C</a><br>Description: IC FPGA 436 I/O 1152FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6FN1152I</a><br>Description: IC FPGA 436 I/O 1152FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6F900I</a><br>Description: IC FPGA 416 I/O 900FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6F900C</a><br>Description: IC FPGA 416 I/O 900FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5FN1152C</a><br>Description: IC FPGA 436 I/O 1152FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M50SE-7FN672C</a><br>Description: IC FPGA 372 I/O 672FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5F1152C</a><br>Description: IC FPGA 436 I/O 1152FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M50SE-7F672C</a><br>Description: IC FPGA 372 I/O 672FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5F900C</a><br>Description: IC FPGA 416 I/O 900FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M50SE-7F900C</a><br>Description: IC FPGA 410 I/O 900FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6F1152I</a><br>Description: IC FPGA 436 I/O 1152FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M50SE-7FN900C</a><br>Description: IC FPGA 410 I/O 900FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M50SE-7FN484C</a><br>Description: IC FPGA 270 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5F900I</a><br>Description: IC FPGA 416 I/O 900FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5F1152I</a><br>Description: IC FPGA 436 I/O 1152FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6FN900C</a><br>Description: IC FPGA 416 I/O 900FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5FN900I</a><br>Description: IC FPGA 416 I/O 900FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-5FN900C</a><br>Description: IC FPGA 416 I/O 900FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2M70E-6FN1152C</a><br>Description: IC FPGA 436 I/O 1152FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for **LFE2M70E-5FN1152I**

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