

LATTICE  
SEMICONDUCTOR

Lattice Semiconductor



Image may be representation. See specifications for product details.

### LFECP20E-4FN672I

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFECP20E-4FN672I                                                                                                                                                                                                     |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                |
| Product description | IC FPGA 400 I/O 672FBGA                                                                                                                                                                                              |
| Datasheets:         |  1.LFECP20E-4FN672I.pdf<br> 2.LFECP20E-4FN672I.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 5106 pcs stock                                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of LFECP20E-4FN672I

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFECP20E-4FN672I                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 400 I/O 672FBGA                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 5106 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.LFECP20E-4FN672I.pdf<br> 2.LFECP20E-4FN672I.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 434176                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 672-FPBGA (27x27)                                                                                                                                                                                                        |
| SERIES                           | ECP                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 672-BBGA                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 19700                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 400                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| BASE PART NUMBER                 | LFECP20                                                                                                                                                                                                                  |

#### Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor LFECP20E-4FN672I | LFECP20E-4FN672I Distributor                       | LFECP20E-4FN672I Supplier                  |
| LFECP20E-4FN672I Price                 | LFECP20E-4FN672I Pictures                          | LFECP20E-4FN672I Image                     |
| LFECP20E-4FN672I PDF Datasheet         | LFECP20E-4FN672I Download Datasheet                | LFECP20E-4FN672I Datasheet                 |
| LFECP20E-4FN672I Stock                 | Buy LFECP20E-4FN672I                               | Buy Lattice Semiconductor LFECP20E-4FN672I |
| Lattice Semiconductor LFECP20E-4FN672I | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor LFECP20E-4FN672I | Lattice Semiconductor Corporation LFECP20E-4FN672I |                                            |

#### Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4F672I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 400 I/O 672FBGA<br/>In stock: 4035 pcs<br/>RFQ</div>       | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-5F672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 400 I/O 672FBGA<br/>In stock: 4973 pcs<br/>RFQ</div>       |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4FN484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 3752 pcs<br/>RFQ</div>      | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-5F484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 4377 pcs<br/>RFQ</div>       |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4F484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 5381 pcs<br/>RFQ</div>       | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4FN672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 672FBGA<br/>In stock: 4953 pcs<br/>RFQ</div>      |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-L-EV</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD EVAL FOR LATTICEECP20 STD<br/>In stock: 6738 pcs<br/>RFQ</div> | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 4668 pcs<br/>RFQ</div>      |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-4F672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 400 I/O 672FBGA<br/>In stock: 6353 pcs<br/>RFQ</div>       | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-H-EV</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD EVAL FOR LATTICEECP20 ADV<br/>In stock: 4386 pcs<br/>RFQ</div> |
| <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-5FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 6168 pcs<br/>RFQ</div>      | <div>LATTICE<br/>SEMICONDUCTOR</div> <div><b>LFECP20E-5FN672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 400 I/O 672FBGA<br/>In stock: 4236 pcs<br/>RFQ</div>      |