



### LFE2-6SE-5FN256I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE2-6SE-5FN256I                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 190 I/O 256FBGA                                                                                      |
|                     |  1.LFE2-6SE-5FN256I.pdf     |
|                     |  2.LFE2-6SE-5FN256I.pdf     |
|                     |  3.LFE2-6SE-5FN256I.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7210 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of LFE2-6SE-5FN256I

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE2-6SE-5FN256I                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 190 I/O 256FBGA                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 7210 pcs                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.LFE2-6SE-5FN256I.pdf<br> 2.LFE2-6SE-5FN256I.pdf<br> 3.LFE2-6SE-5FN256I.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 56320                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 256-FPBGA (17x17)                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | ECP2                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 256-BGA                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 220-1754<br>LFE2-6SE-5FN256I-ND<br>LFE26SE5FN256I                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 6000                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 750                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 190                                                                                                                                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | LFE2-6                                                                                                                                                                                                                                                                                                                                 |

#### Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor LFE2-6SE-5FN256I | LFE2-6SE-5FN256I Distributor                       | LFE2-6SE-5FN256I Supplier                  |
| LFE2-6SE-5FN256I Price                 | LFE2-6SE-5FN256I Pictures                          | LFE2-6SE-5FN256I Image                     |
| LFE2-6SE-5FN256I PDF Datasheet         | LFE2-6SE-5FN256I Download Datasheet                | LFE2-6SE-5FN256I Datasheet                 |
| LFE2-6SE-5FN256I Stock                 | Buy LFE2-6SE-5FN256I                               | Buy Lattice Semiconductor LFE2-6SE-5FN256I |
| Lattice Semiconductor LFE2-6SE-5FN256I | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor LFE2-6SE-5FN256I | Lattice Semiconductor Corporation LFE2-6SE-5FN256I |                                            |

#### Related Products

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|  <div><b>LFE2-6SE-5T144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 6725 pcs<br/><b>RFQ</b></div>  |  <div><b>LFE2-6SE-5F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 2806 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LFE2-6E-7T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 5263 pcs<br/><b>RFQ</b></div>   |  <div><b>LFE2-6SE-5TN144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 9001 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LFE2-6SE-5T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 3391 pcs<br/><b>RFQ</b></div>  |  <div><b>LFE2-6SE-5F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 3153 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LFE2-6SE-6F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 3975 pcs<br/><b>RFQ</b></div> |  <div><b>LFE2-6SE-5TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 9036 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LFE2-6E-7TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 6633 pcs<br/><b>RFQ</b></div>  |  <div><b>LFE2-6SE-5FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 7103 pcs<br/><b>RFQ</b></div> |
|  <div><b>LFE2-6E-7FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 4858 pcs<br/><b>RFQ</b></div> |  <div><b>LFE2-6SE-6F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 6687 pcs<br/><b>RFQ</b></div>  |