



LFE2-6E-5FN256I

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

REQUEST FOR QUOTATION

Specifications of LFE2-6E-5FN256I

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| PART NUMBER                      | LFE2-6E-5FN256I                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                   |
| DESCRIPTION                      | IC FPGA 190 I/O 256FBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| DATA SHEET                       | 1.LFE2-6E-5FN256I.pdf<br>2.LFE2-6E-5FN256I.pdf<br>3.LFE2-6E-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                                                                 |
| 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)                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 9 Weeks                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| BASE PART NUMBER                 | LFE2-6                                                                  |

Related Tags

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

Related Products

|                                                                                                                                                                   |                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LFE2-6E-5F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>LFE2-6E-5TN144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
| <div></div> <div><b>LFE2-6E-5TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: 46 pcs<br/>RFQ</div>       | <div></div> <div><b>LFE2-6E-5FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: 124 pcs<br/>RFQ</div>    |
| <div></div> <div><b>LFE2-6E-6F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>LFE2-50SE-7F672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>LFE2-50SE-7FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 339 I/O 484FBGA<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE2-6E-5T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>LFE2-50SE-7FN672C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE2-6E-5T144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 90 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>LFE2-6E-5F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>LFE2-6E-6F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 190 I/O 256FBGA<br/>In stock: Out stock<br/>RFQ</div>   |