



### LFE5U-45F-7BG256C

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE5U-45F-7BG256C                                                                                                       |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                   |
| Product description | IC FPGA                                                                                                                 |
| Datasheets:         |  <a href="#">LFE5U-45F-7BG256C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 6364 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

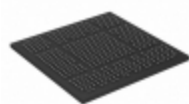
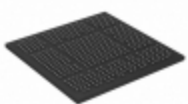
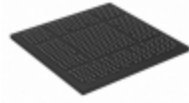
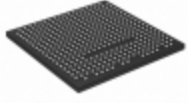
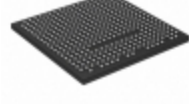
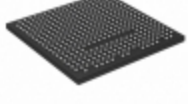
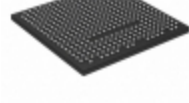
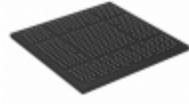
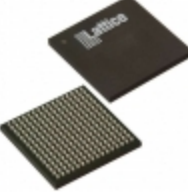
#### Specifications of LFE5U-45F-7BG256C

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE5U-45F-7BG256C                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                     |
| DESCRIPTION                      | IC FPGA                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 6364 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">LFE5U-45F-7BG256C.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.045 V ~ 1.155 V                                                                                                         |
| TOTAL RAM BITS                   | 1990656                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 256-CABGA (14x14)                                                                                                         |
| SERIES                           | ECP5                                                                                                                      |
| PACKAGE / CASE                   | 256-LFBGA                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 44000                                                                                                                     |
| NUMBER OF LABS/CLBS              | 11000                                                                                                                     |
| NUMBER OF I/O                    | 197                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |

#### Related Tags

|                                         |                                                     |                                             |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Lattice Semiconductor LFE5U-45F-7BG256C | LFE5U-45F-7BG256C Distributor                       | LFE5U-45F-7BG256C Supplier                  |
| LFE5U-45F-7BG256C Price                 | LFE5U-45F-7BG256C Pictures                          | LFE5U-45F-7BG256C Image                     |
| LFE5U-45F-7BG256C PDF Datasheet         | LFE5U-45F-7BG256C Download Datasheet                | LFE5U-45F-7BG256C Datasheet                 |
| LFE5U-45F-7BG256C Stock                 | Buy LFE5U-45F-7BG256C                               | Buy Lattice Semiconductor LFE5U-45F-7BG256C |
| Lattice Semiconductor LFE5U-45F-7BG256C | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor LFE5U-45F-7BG256C | Lattice Semiconductor Corporation LFE5U-45F-7BG256C |                                             |

#### Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>LFE5U-45F-6BG554C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: 4369 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LFE5U-45F-7BG554C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: 4115 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LFE5U-45F-6BG554I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: 3812 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LFE5U-45F-7BG381I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 381CABGA<br/>In stock: 4364 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LFE5U-45F-6BG381I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 203 I/O 381CABGA<br/>In stock: 4122 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LFE5U-45F-7BG381C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 203 I/O 381CABGA<br/>In stock: 5530 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LFE5U-45F-6BG381C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 203 I/O 381CABGA<br/>In stock: 5600 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LFE5U-45F-6MG285I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE<br/>In stock: 5831 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LFE5U-45F-7BG554I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: 3648 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LFE5U-45F-7BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: 4948 pcs<br/><div>RFQ</div></div>                          |
| <div></div> <div><b>LFE5U-45F-6MG285C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE<br/>In stock: 6310 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LFE5U-45F-7MG285C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE<br/>In stock: 6243 pcs<br/><div>RFQ</div></div> |