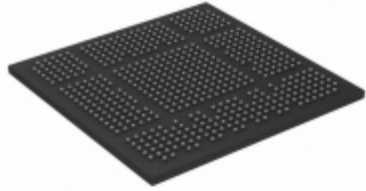


LFE5UM-45F-8BG554C





Part Number: [LFE5UM-45F-8BG554C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 245 I/O 554CABGA

Data sheet:  [ECP5™, ECP5-5G™ Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

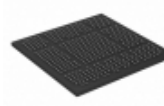
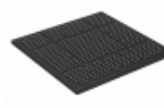
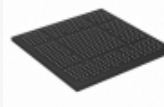
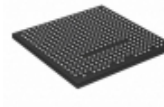
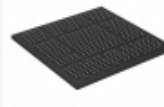
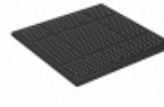
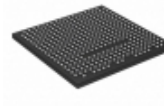
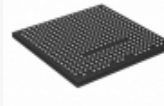
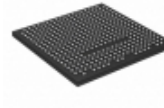
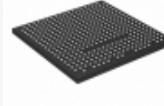
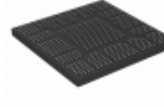
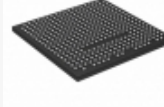
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy LFE5UM-45F-8BG554C with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LFE5UM-45F-8BG554C                        | Manufacturer                    | <a href="#">Lattice Semiconductor</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC FPGA 245 I/O 554CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3871 pcs                                  | Data sheet                      | <a href="#">ECP5™, ECP5-5G™ Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.045 V ~ 1.155 V                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1990656                                   | Supplier Device Package         | 554-CABGA (23x23)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ECP5                                      | Package / Case                  | 554-FBGA                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 220-1978                                  | Operating Temperature           | 0°C ~ 85°C (TJ)                                  |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                            | 44000                                     | Number of LABs/CLBs             | 11000                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 245                                       | 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                |                                 |                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 3871 pieces of Lattice Semiconductor LFE5UM-45F-8BG554C in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                  |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LFE5UM-85F-6BG554C</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-8MG285C</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7BG554C</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-8BG554I</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-8BG381I</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-85F-6BG554I</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7BG554I</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7MG285I</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7BG381I</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-85F-6BG381C</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-85F-6BG381I</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7BG381C</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-85F-6BG756C</a><br>Description: IC FPGA 365 I/O 756CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-8BG381C</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-6MG285C</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-VERSA-EVN</a><br>Description: DEV KIT FOR ECP5 VERSA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-8MG285I</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-85F-6BG756I</a><br>Description: IC FPGA 365 I/O 756CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-7MG285C</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-6MG285I</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for **LFE5UM-45F-8BG554C**

|                                          |                                                      |                             |                          |
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