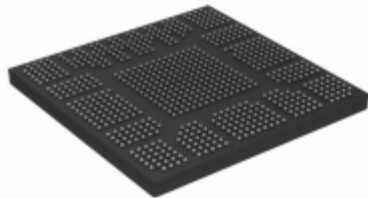


LFE5UM-85F-6BG756C



**Part Number:** [LFE5UM-85F-6BG756C](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC FPGA 365 I/O 756CABGA

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

**RoHs Status:** Lead free / RoHS Compliant

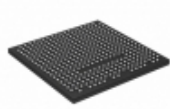
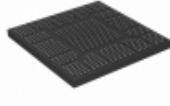
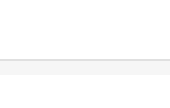
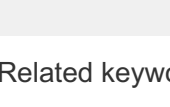
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy LFE5UM-85F-6BG756C with confidence from  
Component-World.HK, 1 Year Warranty

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                        | LFE5UM-85F-6BG756C                        | Manufacturer                    | <a href="#">Lattice Semiconductor</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                        | IC FPGA 365 I/O 756CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                 | 2274 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                                                                                                                                                                                                                                                                                                                                                                     | 3833856                                   | Supplier Device Package         | 756-CABGA (27x27)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                             | ECP5                                      | Package / Case                  | 756-FBGA                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                        | 220-2082                                  | Operating Temperature           | 0°C ~ 85°C (TJ)                                  |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                     | 84000                                     | Number of LABs/CLBs             | 21000                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                      | 365                                       | 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 2274 pieces of Lattice Semiconductor LFE5UM-85F-6BG756C in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. |                                           |                                 |                                                  |
| RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a>                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                  |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LFE5UM-85F-7BG381I</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-8MG285I</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7BG756I</a><br>Description: IC FPGA 365 I/O 756CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7MG285C</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7BG554C</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6BG381I</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7BG554I</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6BG381C</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-8BG381I</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6BG756I</a><br>Description: IC FPGA 365 I/O 756CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-8BG554C</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-8MG285C</a><br>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6MG285C</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6MG285I</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7BG381C</a><br>Description: IC FPGA 205 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6BG554C</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-VERSA-EVN</a><br>Description: DEV KIT FOR ECP5 VERSA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-6BG554I</a><br>Description: IC FPGA 259 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-45F-8BG554I</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-85F-7BG756C</a><br>Description: IC FPGA 365 I/O 756CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |

|                                                |                                                      |                             |                          |
|------------------------------------------------|------------------------------------------------------|-----------------------------|--------------------------|
| Related keywords for <b>LFE5UM-85F-6BG756C</b> |                                                      |                             |                          |
| Lattice Semiconductor LFE5UM-85F-6BG756C       | LFE5UM-85F-6BG756C distributor                       | LFE5UM-85F-6BG756C supplier | LFE5UM-85F-6BG756C price |
| LFE5UM-85F-6BG756C download datasheet          | LFE5UM-85F-6BG756C datasheet                         | LFE5UM-85F-6BG756C stock    | buy LFE5UM-85F-6BG756C   |
| Lattice Semiconductor LFE5UM-85F-6BG756C       | Lattice Semiconductor Corporation LFE5UM-85F-6BG756C |                             |                          |