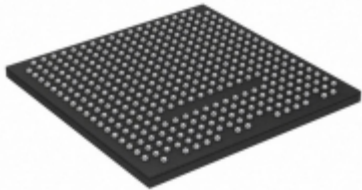


LFE5UM-25F-8BG381I



Part Number:

LFE5UM-25F-8BG381I

Manufacturer

Lattice Semiconductor

Description

IC FPGA 197 I/O 381CABGA

Data sheet:

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

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

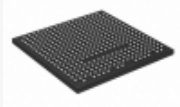
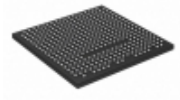
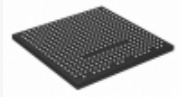
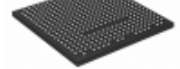
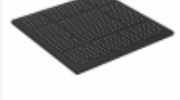
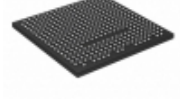
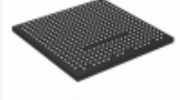
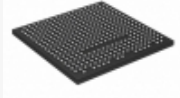
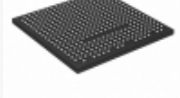
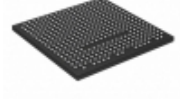
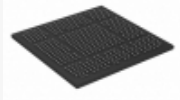
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy LFE5UM-25F-8BG381I with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LFE5UM-25F-8BG381I                        | Manufacturer                    | <a href="#">Lattice Semiconductor</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC FPGA 197 I/O 381CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6246 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1032192                                   | Supplier Device Package         | 381-CABGA (17x17)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ECP5                                      | Package / Case                  | 381-FBGA                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 220-2062                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                               |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24000                                     | Number of LABs/CLBs             | 6000                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 197                                       | 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 6246 pieces of Lattice Semiconductor LFE5UM-25F-8BG381I 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-25F-6MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | 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-25F-7MG285I</a><br>Description: 24.3K 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> |
|  | Part#: <a href="#">LFE5UM-25F-7BG381I</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-6MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-8MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-6BG381I</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-7BG381C</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-6BG554I</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-8BG381C</a><br>Description: IC FPGA 197 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-25F-8MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-45F-6BG381C</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-85F-8MG285I</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -8 SPE  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-6BG381C</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-7MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5UM-25F-6BG381I</a><br>Description: IC FPGA 197 I/O 381CABGA         | 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-45F-6BG554C</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LFE5UM-25F-8BG381I

|                                          |                                                      |                             |                          |
|------------------------------------------|------------------------------------------------------|-----------------------------|--------------------------|
| Lattice Semiconductor LFE5UM-25F-8BG381I | LFE5UM-25F-8BG381I distributor                       | LFE5UM-25F-8BG381I supplier | LFE5UM-25F-8BG381I price |
| LFE5UM-25F-8BG381I download datasheet    | LFE5UM-25F-8BG381I datasheet                         | LFE5UM-25F-8BG381I stock    | buy LFE5UM-25F-8BG381I   |
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