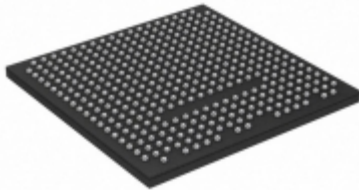


LFE5U-85F-8BG381I





Part Number: [LFE5U-85F-8BG381I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 205 I/O 381CABGA

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

RoHs Status: Lead free / RoHS Compliant

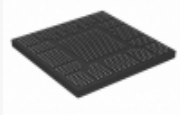
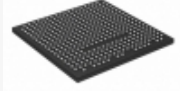
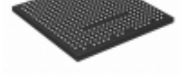
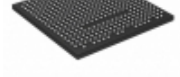
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy LFE5U-85F-8BG381I with confidence from  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                       | LFE5U-85F-8BG381I                         | Manufacturer                    | <a href="#">Lattice Semiconductor</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                       | IC FPGA 205 I/O 381CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                | 2637 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         | 381-CABGA (17x17)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                            | ECP5                                      | Package / Case                  | 381-FBGA                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                       | 220-2177<br>LFE5U-85F-8BG381I-ND          | Operating Temperature           | -40°C ~ 100°C (TJ)                               |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                    | 84000                                     | Number of LABs/CLBs             | 21000                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                     | 205                                       | 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 2637 pieces of Lattice Semiconductor LFE5U-85F-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. |                                           |                                 |                                                  |
| RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a>                                                                                                                                                                                                                                                                                               |                                           |                                 |                                                  |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LFE5U-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="#">LFE5U-85F-8BG756C</a><br>Description: IC FPGA 365 I/O 756CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-25F-6MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-25F-6BG381C</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7BG554I</a><br>Description: IC FPGA 259 I/O 554CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-8BG554I</a><br>Description: IC FPGA 259 I/O 554CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5UM-25F-6BG381I</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-8BG554C</a><br>Description: IC FPGA 259 I/O 554CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7BG381I</a><br>Description: IC FPGA 205 I/O 381CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7BG381C</a><br>Description: IC FPGA 205 I/O 381CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7BG756I</a><br>Description: IC FPGA 365 I/O 756CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-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="#">LFE5U-85F-8BG756I</a><br>Description: IC FPGA 365 I/O 756CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7BG756C</a><br>Description: IC FPGA 365 I/O 756CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-8MG285C</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -8 SPE  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-8BG381C</a><br>Description: IC FPGA 205 I/O 381CABGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-7MG285I</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="#">LFE5U-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-25F-6MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE5U-85F-8MG285I</a><br>Description: 83.6K LUTS, 118 /O, 1.1V, -8 SPE  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |

|                                               |                                                     |                            |                         |
|-----------------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>LFE5U-85F-8BG381I</b> |                                                     |                            |                         |
| Lattice Semiconductor LFE5U-85F-8BG381I       | LFE5U-85F-8BG381I distributor                       | LFE5U-85F-8BG381I supplier | LFE5U-85F-8BG381I price |
| LFE5U-85F-8BG381I download datasheet          | LFE5U-85F-8BG381I datasheet                         | LFE5U-85F-8BG381I stock    | buy LFE5U-85F-8BG381I   |
| Lattice Semiconductor LFE5U-85F-8BG381I       | Lattice Semiconductor Corporation LFE5U-85F-8BG381I |                            |                         |