



LFE5U-45F-8BG381C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE5U-45F-8BG381C                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 203 I/O 381CABGA                                                                                     |
| Datasheets:         |  LFE5U-45F-8BG381C.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

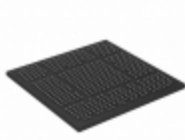
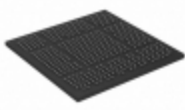
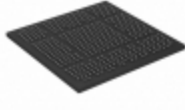
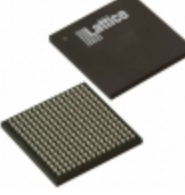
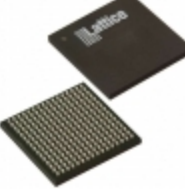
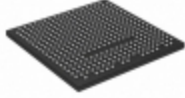
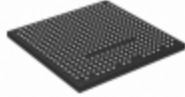
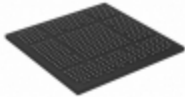
Specifications of LFE5U-45F-8BG381C

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE5U-45F-8BG381C                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                     |
| DESCRIPTION                      | IC FPGA 203 I/O 381CABGA                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  LFE5U-45F-8BG381C.pdf |
| VOLTAGE - SUPPLY                 | 1.045 V ~ 1.155 V                                                                                         |
| TOTAL RAM BITS                   | 1990656                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 381-CABGA (17x17)                                                                                         |
| SERIES                           | ECP5                                                                                                      |
| PACKAGE / CASE                   | 381-FBGA                                                                                                  |
| OTHER NAMES                      | 220-1992                                                                                                  |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 44000                                                                                                     |
| NUMBER OF LABS/CLBS              | 11000                                                                                                     |
| NUMBER OF I/O                    | 203                                                                                                       |
| 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                                                                                |

Related Tags

|                                         |                                                     |                                             |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Lattice Semiconductor LFE5U-45F-8BG381C | LFE5U-45F-8BG381C Distributor                       | LFE5U-45F-8BG381C Supplier                  |
| LFE5U-45F-8BG381C Price                 | LFE5U-45F-8BG381C Pictures                          | LFE5U-45F-8BG381C Image                     |
| LFE5U-45F-8BG381C PDF Datasheet         | LFE5U-45F-8BG381C Download Datasheet                | LFE5U-45F-8BG381C Datasheet                 |
| LFE5U-45F-8BG381C Stock                 | Buy LFE5U-45F-8BG381C                               | Buy Lattice Semiconductor LFE5U-45F-8BG381C |
| Lattice Semiconductor LFE5U-45F-8BG381C | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor LFE5U-45F-8BG381C | Lattice Semiconductor Corporation LFE5U-45F-8BG381C |                                             |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LFE5U-45F-8BG554C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: Out stock<br/>RFQ</div>         | <div></div> <div><b>LFE5U-45F-7BG554I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>LFE5U-45F-8BG554I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: Out stock<br/>RFQ</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: Out stock<br/>RFQ</div> |
| <div></div> <div><b>LFE5U-45F-8BG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                          | <div></div> <div><b>LFE5U-45F-8BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                          |
| <div></div> <div><b>LFE5U-45F-8MG285I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE5U-45F-8BG381I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 203 I/O 381CABGA<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>LFE5U-45F-7MG285I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE5U-45F-8MG285C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>LFE5U-85F-6BG381C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 205 I/O 381CABGA<br/>In stock: 59 pcs<br/>RFQ</div>            | <div></div> <div><b>LFE5U-45F-7BG554C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 245 I/O 554CABGA<br/>In stock: Out stock<br/>RFQ</div>         |