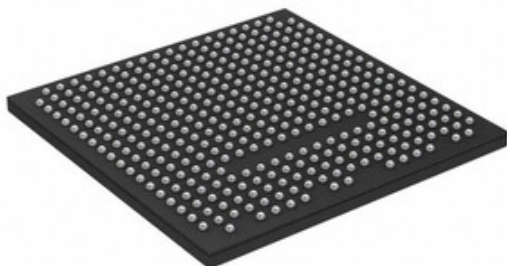




Lattice Semiconductor



LFE5UM-45F-6BG381I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE5UM-45F-6BG381I                                                                                           |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 203 I/O 381CABGA                                                                                     |
| Datasheets:         |  LFE5UM-45F-6BG381I.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5113 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

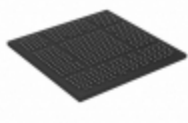
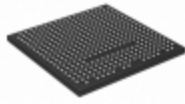
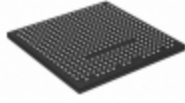
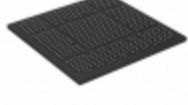
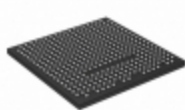
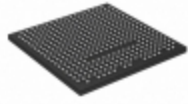
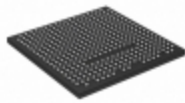
Specifications of LFE5UM-45F-6BG381I

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE5UM-45F-6BG381I                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                      |
| DESCRIPTION                      | IC FPGA 203 I/O 381CABGA                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 5113 pcs                                                                                                   |
| DATA SHEET                       |  LFE5UM-45F-6BG381I.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                      | 220-1995                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°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)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |

Related Tags

|                                          |                                                      |                                              |
|------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Lattice Semiconductor LFE5UM-45F-6BG381I | LFE5UM-45F-6BG381I Distributor                       | LFE5UM-45F-6BG381I Supplier                  |
| LFE5UM-45F-6BG381I Price                 | LFE5UM-45F-6BG381I Pictures                          | LFE5UM-45F-6BG381I Image                     |
| LFE5UM-45F-6BG381I PDF Datasheet         | LFE5UM-45F-6BG381I Download Datasheet                | LFE5UM-45F-6BG381I Datasheet                 |
| LFE5UM-45F-6BG381I Stock                 | Buy LFE5UM-45F-6BG381I                               | Buy Lattice Semiconductor LFE5UM-45F-6BG381I |
| Lattice Semiconductor LFE5UM-45F-6BG381I | Lattice Semiconductor Supplier                       | Lattice Semiconductor Distributor            |
| Lattice Semiconductor LFE5UM-45F-6BG381I | Lattice Semiconductor Corporation LFE5UM-45F-6BG381I |                                              |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>LFE5UM-25F-8MG285C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE</div><div>In stock: 6978 pcs</div><div>RFQ</div></div> | <div><div>LFE5UM-45F-6BG554C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 245 I/O 554CABGA</div><div>In stock: 4341 pcs</div><div>RFQ</div></div>         |
| <div><div>LFE5UM-25F-8BG381I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 197 I/O 381CABGA</div><div>In stock: 6558 pcs</div><div>RFQ</div></div>         | <div><div>LFE5UM-45F-6MG285I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE</div><div>In stock: 5522 pcs</div><div>RFQ</div></div> |
| <div><div>LFE5UM-25F-8BG381C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 197 I/O 381CABGA</div><div>In stock: 6609 pcs</div><div>RFQ</div></div>         | <div><div>LFE5UM-45F-6BG554I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 245 I/O 554CABGA</div><div>In stock: 4211 pcs</div><div>RFQ</div></div>         |
| <div><div>LFE5UM-45F-7BG381I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 203 I/O 381CABGA</div><div>In stock: 3654 pcs</div><div>RFQ</div></div>         | <div><div>LFE5UM-45F-6MG285C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE</div><div>In stock: 5827 pcs</div><div>RFQ</div></div> |
| <div><div>LFE5UM-25F-7MG285I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: 24.3K LUTS, 118 /O, 1.1V, -7 SPE</div><div>In stock: 6919 pcs</div><div>RFQ</div></div> | <div><div>LFE5UM-45F-6BG381C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 203 I/O 381CABGA</div><div>In stock: 5117 pcs</div><div>RFQ</div></div>         |
| <div><div>LFE5UM-45F-7BG381C</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: IC FPGA 203 I/O 381CABGA</div><div>In stock: 4971 pcs</div><div>RFQ</div></div>         | <div><div>LFE5UM-25F-8MG285I</div><div>Manufacturers: Lattice Semiconductor</div><div>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE</div><div>In stock: 6412 pcs</div><div>RFQ</div></div> |