



Lattice Semiconductor



LFE5U-12F-8MG285I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE5U-12F-8MG285I                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | 12K LUTS, 118 /O, 1.1V, -8 SPEED                                                                             |
| Datasheets:         |  LFE5U-12F-8MG285I.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.

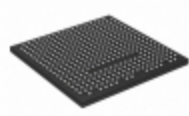
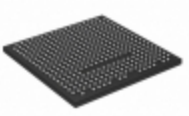
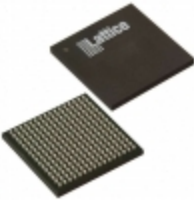
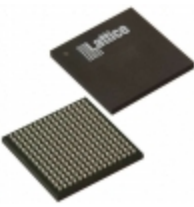
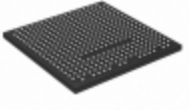
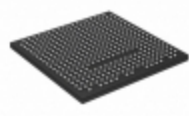
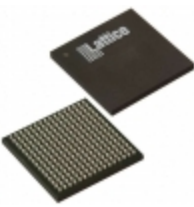
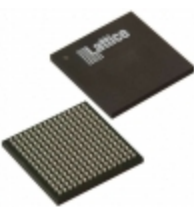
Specifications of LFE5U-12F-8MG285I

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE5U-12F-8MG285I                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                     |
| DESCRIPTION                      | 12K LUTS, 118 /O, 1.1V, -8 SPEED                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  LFE5U-12F-8MG285I.pdf |
| VOLTAGE - SUPPLY                 | 1.045 V ~ 1.155 V                                                                                         |
| TOTAL RAM BITS                   | 589824                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 285-CSFBGA (10x10)                                                                                        |
| SERIES                           | ECP5                                                                                                      |
| PACKAGE / CASE                   | 285-TFBGA                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 12000                                                                                                     |
| NUMBER OF LABS/CLBS              | 3000                                                                                                      |
| NUMBER OF I/O                    | 118                                                                                                       |
| 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-12F-8MG285I | LFE5U-12F-8MG285I Distributor                       | LFE5U-12F-8MG285I Supplier                  |
| LFE5U-12F-8MG285I Price                 | LFE5U-12F-8MG285I Pictures                          | LFE5U-12F-8MG285I Image                     |
| LFE5U-12F-8MG285I PDF Datasheet         | LFE5U-12F-8MG285I Download Datasheet                | LFE5U-12F-8MG285I Datasheet                 |
| LFE5U-12F-8MG285I Stock                 | Buy LFE5U-12F-8MG285I                               | Buy Lattice Semiconductor LFE5U-12F-8MG285I |
| Lattice Semiconductor LFE5U-12F-8MG285I | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor LFE5U-12F-8MG285I | Lattice Semiconductor Corporation LFE5U-12F-8MG285I |                                             |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>LFE5U-25F-6BG381I<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 197 I/O 381CABGA<br/>In stock: 193 pcs<br/>RFQ</div>           |  <div>LFE5U-25F-6BG381C<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 197 I/O 381CABGA<br/>In stock: 107 pcs<br/>RFQ</div>        |
|  <div>LFE5U-12F-7MG285I<br/>Manufacturers: Lattice Semiconductor<br/>Description: 12K LUTS, 118 /O, 1.1V, -7 SPEED<br/>In stock: Out stock<br/>RFQ</div> |  <div>LFE5U-25F-6BG256C<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: 101 pcs<br/>RFQ</div>                         |
|  <div>LFE5U-25F-6MG285C<br/>Manufacturers: Lattice Semiconductor<br/>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE<br/>In stock: Out stock<br/>RFQ</div> |  <div>LFE5U-12F-8BG256I<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div>LFE5U-12F-8MG285C<br/>Manufacturers: Lattice Semiconductor<br/>Description: 12K LUTS, 118 /O, 1.1V, -8 SPEED<br/>In stock: Out stock<br/>RFQ</div> |  <div>LFE5U-12F-8BG381C<br/>Manufacturers: Lattice Semiconductor<br/>Description: 12K LUTS, 197 /O, 1.1V, -8 SPEED<br/>In stock: 46 pcs<br/>RFQ</div> |
|  <div>LFE5U-12F-8BG381I<br/>Manufacturers: Lattice Semiconductor<br/>Description: 12K LUTS, 197 /O, 1.1V, -8 SPEED<br/>In stock: 37 pcs<br/>RFQ</div>    |  <div>LFE5U-12F-8BG256C<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div>LFE5U-25F-6MG285I<br/>Manufacturers: Lattice Semiconductor<br/>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE<br/>In stock: Out stock<br/>RFQ</div> |  <div>LFE5U-25F-6BG256I<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA<br/>In stock: 119 pcs<br/>RFQ</div>                         |