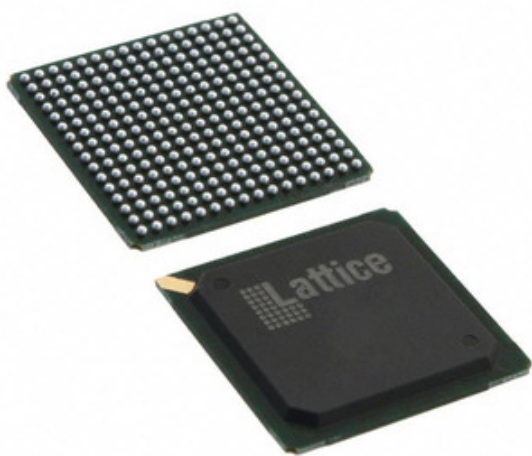




Lattice Semiconductor



LFE2-12E-5F256C

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE2-12E-5F256C                                                                                                      |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC FPGA 193 I/O 256FBGA                                                                                              |
|                     |  1.LFE2-12E-5F256C.pdf              |
|                     |  2.LFE2-12E-5F256C.pdf              |
|                     |  3.LFE2-12E-5F256C.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4707 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of LFE2-12E-5F256C

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE2-12E-5F256C                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 193 I/O 256FBGA                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 4707 pcs                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.LFE2-12E-5F256C.pdf<br> 2.LFE2-12E-5F256C.pdf<br> 3.LFE2-12E-5F256C.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 226304                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 256-FPBGA (17x17)                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | ECP2                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 256-BGA                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 12000                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 1500                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 193                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | LFE2-12                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor LFE2-12E-5F256C | LFE2-12E-5F256C Distributor                       | LFE2-12E-5F256C Supplier                  |
| LFE2-12E-5F256C Price                 | LFE2-12E-5F256C Pictures                          | LFE2-12E-5F256C Image                     |
| LFE2-12E-5F256C PDF Datasheet         | LFE2-12E-5F256C Download Datasheet                | LFE2-12E-5F256C Datasheet                 |
| LFE2-12E-5F256C Stock                 | Buy LFE2-12E-5F256C                               | Buy Lattice Semiconductor LFE2-12E-5F256C |
| Lattice Semiconductor LFE2-12E-5F256C | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor LFE2-12E-5F256C | Lattice Semiconductor Corporation LFE2-12E-5F256C |                                           |

Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LFE2-12E-5Q208I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: 3008 pcs<br/>RFQ</div>   |  <div><b>LFE2-12E-5FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: 1962 pcs<br/>RFQ</div> |
|  <div><b>LFE2-12E-5F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 193 I/O 256FBGA<br/>In stock: 2918 pcs<br/>RFQ</div>  |  <div><b>LFE2-12E-5QN208I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: 3372 pcs<br/>RFQ</div>  |
|  <div><b>LFE2-12E-5Q208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: 5288 pcs<br/>RFQ</div>   |  <div><b>LFE2-12E-5T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: 2972 pcs<br/>RFQ</div>   |
|  <div><b>LFE2-12E-5FN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 193 I/O 256FBGA<br/>In stock: 3032 pcs<br/>RFQ</div> |  <div><b>LFE2-12E-5FN484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: 2248 pcs<br/>RFQ</div> |
|  <div><b>LFE2-12E-5F484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: 3736 pcs<br/>RFQ</div>  |  <div><b>LFE2-12E-5QN208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: 3528 pcs<br/>RFQ</div>  |
|  <div><b>LFE2-12E-5FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 193 I/O 256FBGA<br/>In stock: 3059 pcs<br/>RFQ</div> |  <div><b>LFE2-12E-5F484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: 6684 pcs<br/>RFQ</div>  |