



LFE2-12E-7F256C

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LFE2-12E-7F256C                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                     |
| Product description | IC FPGA 193 I/O 256FBGA <div><div> 1.LFE2-12E-7F256C.pdf</div><div> 2.LFE2-12E-7F256C.pdf</div><div> 3.LFE2-12E-7F256C.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                           |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

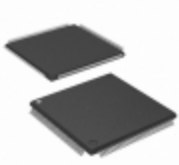
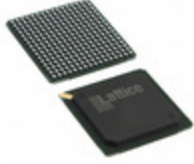
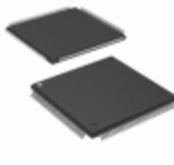
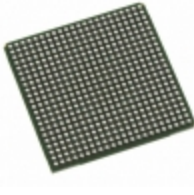
Specifications of LFE2-12E-7F256C

|                                  |                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LFE2-12E-7F256C                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 193 I/O 256FBGA                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div> 1.LFE2-12E-7F256C.pdf</div><div> 2.LFE2-12E-7F256C.pdf</div><div> 3.LFE2-12E-7F256C.pdf</div></div> |
| 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-7F256C | LFE2-12E-7F256C Distributor                       | LFE2-12E-7F256C Supplier                  |
| LFE2-12E-7F256C Price                 | LFE2-12E-7F256C Pictures                          | LFE2-12E-7F256C Image                     |
| LFE2-12E-7F256C PDF Datasheet         | LFE2-12E-7F256C Download Datasheet                | LFE2-12E-7F256C Datasheet                 |
| LFE2-12E-7F256C Stock                 | Buy LFE2-12E-7F256C                               | Buy Lattice Semiconductor LFE2-12E-7F256C |
| Lattice Semiconductor LFE2-12E-7F256C | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor LFE2-12E-7F256C | Lattice Semiconductor Corporation LFE2-12E-7F256C |                                           |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
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| <div></div> <div><b>LFE2-12E-7QN208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE2-12E-6TN144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>LFE2-12E-7T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>LFE2-12E-7FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 193 I/O 256FBGA<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>LFE2-12E-6T144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>LFE2-12E-6QN208I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>LFE2-12E-6TN144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE2-12E-6T144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
| <div></div> <div><b>LFE2-12E-7Q208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>LFE2-12E-7F484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>LFE2-12E-6QN208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 131 I/O 208QFP<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>LFE2-12E-7FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 484FBGA<br/>In stock: Out stock<br/>RFQ</div> |