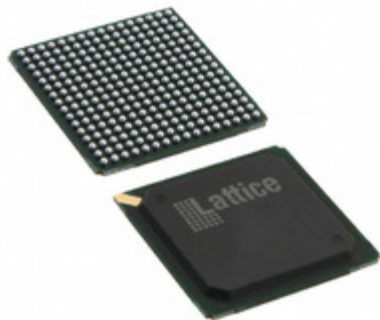


LFE2-12E-6F256C



Images are for reference only.  
See Product Specifications for product details.  
**Buy LFE2-12E-6F256C with confidence from Component-World.HK, 1 Year Warranty**

**LATTICE**  
SEMICONDUCTOR

**Part Number:** [LFE2-12E-6F256C](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC FPGA 193 I/O 256FBGA

**Data sheet:**  [Product Selector Guide](#)  
 [ECP2\(M\) Family Handbook](#)  
 [ECP2\(M\) Family](#)

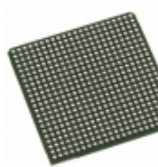
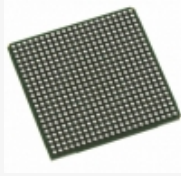
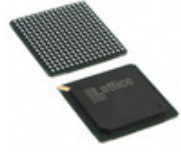
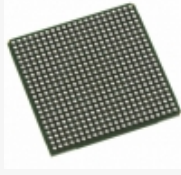
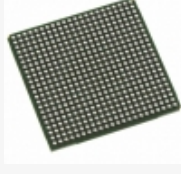
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LFE2-12E-6F256C                           | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 193 I/O 256FBGA                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5625 pcs                                  | Data sheet                       | <a href="#">Product Selector Guide</a><br><a href="#">ECP2(M) Family Handbook</a><br><a href="#">ECP2(M) Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | 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                                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5625 pieces of Lattice Semiconductor LFE2-12E-6F256C in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                 |                                                      |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LFE2-12E-5FN484I</a><br>Description: IC FPGA 297 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5TN144C</a><br>Description: IC FPGA 93 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5Q208I</a><br>Description: IC FPGA 131 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6F484C</a><br>Description: IC FPGA 297 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6FN256C</a><br>Description: IC FPGA 193 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6F484I</a><br>Description: IC FPGA 297 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5QN208I</a><br>Description: IC FPGA 131 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6FN484I</a><br>Description: IC FPGA 297 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5FN484C</a><br>Description: IC FPGA 297 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5T144C</a><br>Description: IC FPGA 93 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6F256I</a><br>Description: IC FPGA 193 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6Q208C</a><br>Description: IC FPGA 131 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6Q208I</a><br>Description: IC FPGA 131 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5TN144I</a><br>Description: IC FPGA 93 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-5QN208C</a><br>Description: IC FPGA 131 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6FN484C</a><br>Description: IC FPGA 297 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-12E-6QN208C</a><br>Description: IC FPGA 131 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LFE2-12E-6FN256I</a><br>Description: IC FPGA 193 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LFE2-12E-6F256C

|                                       |                                                   |                          |                       |
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