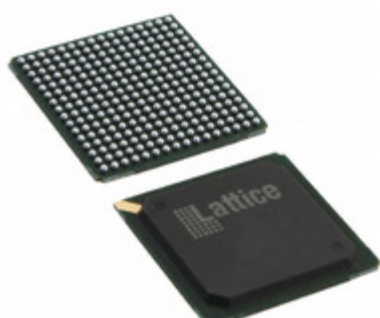


LFE2-20E-5F256C



Images are for reference only.  
See Product Specifications for product details.  
**Buy LFE2-20E-5F256C with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [LFE2-20E-5F256C](#)

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

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

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

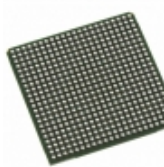
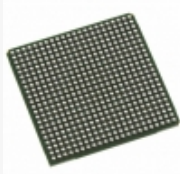
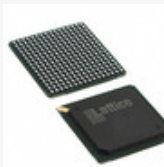
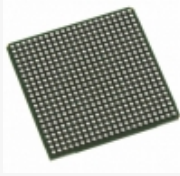
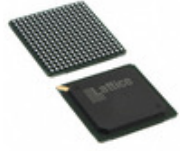
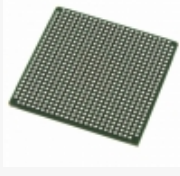
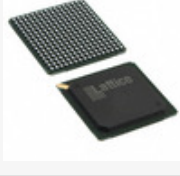
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LFE2-20E-5F256C                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4773 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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 282624                                    | Supplier Device Package          | 256-FPBGA (17x17)                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ECP2                                      | Package / Case                   | 256-BGA                                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 21000                                                                                                               |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2625                                      | 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                 | LFE2-20                                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 4773 pieces of Lattice Semiconductor LFE2-20E-5F256C 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="#">LFE2-12SE-7F484C</a><br>Description: IC FPGA 297 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7TN144C</a><br>Description: IC FPGA 93 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5F672C</a><br>Description: IC FPGA 402 I/O 672FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5F484I</a><br>Description: IC FPGA 331 I/O 484FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7QN208C</a><br>Description: IC FPGA 131 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5FN256C</a><br>Description: IC FPGA 193 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7T144C</a><br>Description: IC FPGA 93 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7FN484C</a><br>Description: IC FPGA 297 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7F256C</a><br>Description: IC FPGA 193 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-6TN144I</a><br>Description: IC FPGA 93 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5FN484C</a><br>Description: IC FPGA 331 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5F672I</a><br>Description: IC FPGA 402 I/O 672FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-6TN144C</a><br>Description: IC FPGA 93 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5FN484I</a><br>Description: IC FPGA 331 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5F484C</a><br>Description: IC FPGA 331 I/O 484FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5F256I</a><br>Description: IC FPGA 193 I/O 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7Q208C</a><br>Description: IC FPGA 131 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5FN672C</a><br>Description: IC FPGA 402 I/O 672FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-12SE-7FN256C</a><br>Description: IC FPGA 193 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LFE2-20E-5FN256I</a><br>Description: IC FPGA 193 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for LFE2-20E-5F256C  |                                                   |                          |                       |
|---------------------------------------|---------------------------------------------------|--------------------------|-----------------------|
| Lattice Semiconductor LFE2-20E-5F256C | LFE2-20E-5F256C distributor                       | LFE2-20E-5F256C supplier | LFE2-20E-5F256C price |
| LFE2-20E-5F256C download datasheet    | LFE2-20E-5F256C datasheet                         | LFE2-20E-5F256C stock    | buy LFE2-20E-5F256C   |
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