

LFE2-6E-5TN144C



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Part Number: [LFE2-6E-5TN144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 90 I/O 144TQFP

Data sheet:  [Product Selector Guide](#)  
 [Package Diagrams](#)  
 [ECP2\(M\) Family Handbook](#)  
 [Leaded Pkg PCB Layout Guide](#)  
 [ECP2\(M\) Family](#)

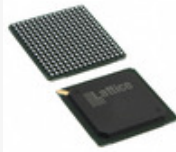
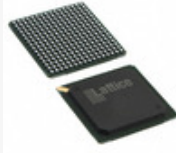
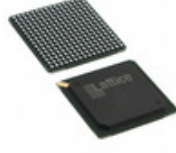
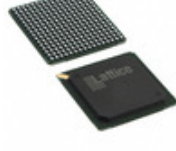
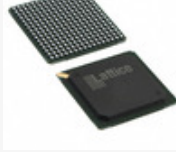
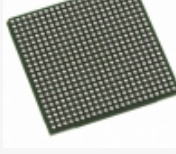
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                 |                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LFE2-6E-5TN144C                           | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC FPGA 90 I/O 144TQFP                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12269 pcs                                 | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">ECP2(M) Family Handbook</a><br><a href="#">Leaded Pkg PCB Layout Guide</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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56320                                     | Supplier Device Package         | 144-TQFP (20x20)                                                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ECP2                                      | Package / Case                  | 144-LQFP                                                                                                                                                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 220-1204<br>LFE26E5TN144C                 | Operating Temperature           | 0°C ~ 85°C (TJ)                                                                                                                                                                                        |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6000                                      | Number of LABs/CLBs             | 750                                                                                                                                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 90                                        | 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                | Base Part Number                | LFE2-6                                                                                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 12269 pieces of Lattice Semiconductor LFE2-6E-5TN144C 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="#">LFE2-50SE-7F672C</a><br>Description: IC FPGA 500 I/O 672FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5FN256C</a><br>Description: IC FPGA 190 I/O 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5T144C</a><br>Description: IC FPGA 90 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5FN256I</a><br>Description: IC FPGA 190 I/O 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-6T144I</a><br>Description: IC FPGA 90 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-6T144C</a><br>Description: IC FPGA 90 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LFE2-6E-6F256I</a><br>Description: IC FPGA 190 I/O 256FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-50SE-7F484C</a><br>Description: IC FPGA 339 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5TN144I</a><br>Description: IC FPGA 90 I/O 144TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-6F256C</a><br>Description: IC FPGA 190 I/O 256FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5F256C</a><br>Description: IC FPGA 190 I/O 256FBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-50SE-7FN484C</a><br>Description: IC FPGA 339 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-6FN256C</a><br>Description: IC FPGA 190 I/O 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE2-6E-5T144I</a><br>Description: IC FPGA 90 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

|                                             |                                                   |                          |                       |
|---------------------------------------------|---------------------------------------------------|--------------------------|-----------------------|
| Related keywords for <b>LFE2-6E-5TN144C</b> |                                                   |                          |                       |
| Lattice Semiconductor LFE2-6E-5TN144C       | LFE2-6E-5TN144C distributor                       | LFE2-6E-5TN144C supplier | LFE2-6E-5TN144C price |
| LFE2-6E-5TN144C download datasheet          | LFE2-6E-5TN144C datasheet                         | LFE2-6E-5TN144C stock    | buy LFE2-6E-5TN144C   |
| Lattice Semiconductor LFE2-6E-5TN144C       | Lattice Semiconductor Corporation LFE2-6E-5TN144C |                          |                       |