

LFE6C6E-3T144I



Part Number: [LFE6C6E-3T144I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 97 I/O 144TQFP

Data sheet:  [Package Diagrams](#)  
 [Leaded Pkg PCB Layout Guide](#)  
 [ECP, EC Family](#)

RoHS Status: Contains lead / RoHS non-compliant

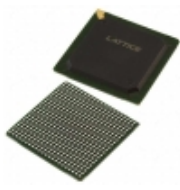
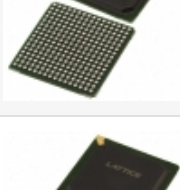
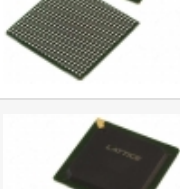
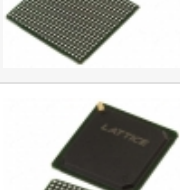
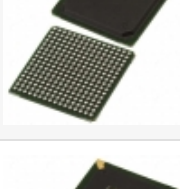
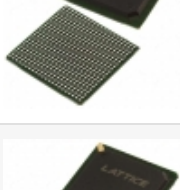
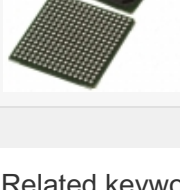
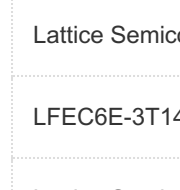
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LFE6C6E-3T144I                            | Manufacturer                   | <a href="#">Lattice Semiconductor</a>                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 97 I/O 144TQFP                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5370 pcs                                  | Data sheet                     | <a href="#">Package Diagrams</a><br><a href="#">Leaded Pkg PCB Layout Guide</a><br><a href="#">ECP, EC Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.14 V ~ 1.26 V                                                                                                   |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 94208                                     | Supplier Device Package        | 144-TQFP (20x20)                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EC                                        | Package / Case                 | 144-LQFP                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells | 6100                                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 97                                        | Mounting Type                  | Surface Mount                                                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LFE6C6                                    |                                |                                                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LFE6C6E-3F484I</a><br>Description: IC FPGA 224 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3TN144I</a><br>Description: IC FPGA 97 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4F256I</a><br>Description: IC FPGA 195 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4FN484C</a><br>Description: IC FPGA 224 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3TN144C</a><br>Description: IC FPGA 97 I/O 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4F256C</a><br>Description: IC FPGA 195 I/O 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4F484I</a><br>Description: IC FPGA 224 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3FN484I</a><br>Description: IC FPGA 224 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4FN256I</a><br>Description: IC FPGA 195 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3Q208I</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3QN208C</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3QN208I</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3FN484C</a><br>Description: IC FPGA 224 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3Q208C</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3T144C</a><br>Description: IC FPGA 97 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3FN256I</a><br>Description: IC FPGA 195 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4FN484I</a><br>Description: IC FPGA 224 I/O 484FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-3FN256C</a><br>Description: IC FPGA 195 I/O 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE6C6E-4F484C</a><br>Description: IC FPGA 224 I/O 484FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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Related keywords for LFE6C6E-3T144I

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