

LFXP2-5E-7TN144C



Part Number: [LFXP2-5E-7TN144C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 100 I/O 144TQFP

Data sheet:  [Product Selector Guide](#)  
 [Package Diagrams](#)  
 [XP2 Family](#)  
 [Leaded Pkg PCB Layout Guide](#)

RoHs Status: Contains lead / RoHS non-compliant

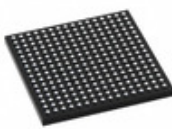
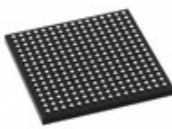
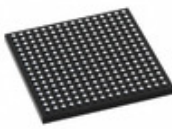
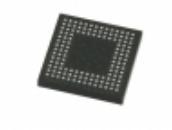
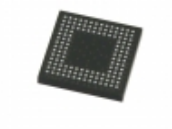
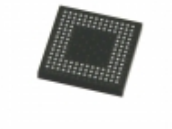
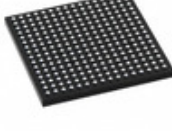
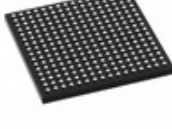
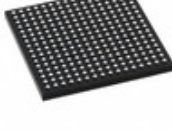
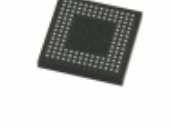
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LFXP2-5E-7TN144C                          | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC FPGA 100 I/O 144TQFP                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5192 pcs                                  | Data sheet                       | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">XP2 Family</a><br><a href="#">Leaded Pkg PCB Layout Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                                                         |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 169984                                    | Supplier Device Package          | 144-TQFP (20x20)                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | XP2                                       | Package / Case                   | 144-LQFP                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 5000                                                                                                                                                    |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 625                                       | Number of I/O                    | 100                                                                                                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9 Weeks                                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LFXP2-5                                   |                                  |                                                                                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5192 pieces of Lattice Semiconductor LFXP2-5E-7TN144C 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="#">LFXP2-8E-5FT256C</a><br>Description: IC FPGA 201 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5FTN256C</a><br>Description: IC FPGA 201 I/O 256FTBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5FT256I</a><br>Description: IC FPGA 201 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-7QN208C</a><br>Description: IC FPGA 146 I/O 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-6TN144I</a><br>Description: IC FPGA 100 I/O 144TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-6QN208I</a><br>Description: IC FPGA 146 I/O 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5M132I</a><br>Description: IC FPGA 86 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5M132C</a><br>Description: IC FPGA 86 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-B-EVN</a><br>Description: KIT DEV XP2 BREVIA           | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-B2-EVN</a><br>Description: KIT DEV LATTICE XP2 BREVIA2 | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5MN132C</a><br>Description: IC FPGA 86 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-6TN144C</a><br>Description: IC FPGA 100 I/O 144TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-7FTN256C</a><br>Description: IC FPGA 172 I/O 256FTBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5FTN256I</a><br>Description: IC FPGA 201 I/O 256FTBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-6MN132I</a><br>Description: IC FPGA 86 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-8E-5MN132I</a><br>Description: IC FPGA 86 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-7FT256C</a><br>Description: IC FPGA 172 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-7M132C</a><br>Description: IC FPGA 86 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-6QN208C</a><br>Description: IC FPGA 146 I/O 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFXP2-5E-7MN132C</a><br>Description: IC FPGA 86 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

| Related keywords for LFXP2-5E-7TN144C  |                                                    |                           |                        |
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| LFXP2-5E-7TN144C download datasheet    | LFXP2-5E-7TN144C datasheet                         | LFXP2-5E-7TN144C stock    | buy LFXP2-5E-7TN144C   |
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