

ICE65L01F-LVQ100C



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Part Number: ICE65L01F-LVQ100C

Manufacturer: Lattice Semiconductor

Description: IC FPGA 72 I/O 100VQFP

Data sheet:  [Package Diagrams](#)  
 [Leaded Pkg PCB Layout Guide](#)  
 [ICE65 Ultra Low-Pwr FPGA](#)

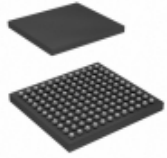
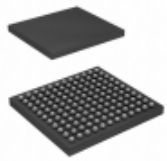
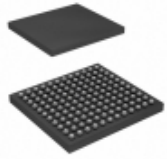
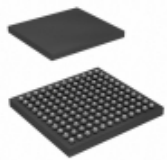
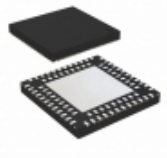
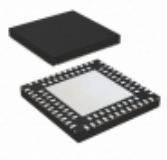
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ICE65L01F-LVQ100C                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC FPGA 72 I/O 100VQFP                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5393 pcs                                  | Data sheet                       | <a href="#">Package Diagrams</a><br><a href="#">Leaded Pkg PCB Layout Guide</a><br><a href="#">ICE65 Ultra Low-Pwr FPGA</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                             |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 65536                                     | Supplier Device Package          | 100-VQFP (14x14)                                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ICE65™ L                                  | Package / Case                   | 100-TQFP                                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells   | 1280                                                                                                                        |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 160                                       | Number of I/O                    | 72                                                                                                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Base Part Number                 | ICE65                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5393 pieces of Lattice Semiconductor ICE65L01F-LVQ100C 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="#">ICE65L01F-LCB132C</a><br>Description: IC FPGA 93 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LCB81C</a><br>Description: IC FPGA 63 I/O 81CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5QR4780AZXKLA1</a><br>Description: IC CTRL QUASI-RES 7DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB132C</a><br>Description: IC FPGA 93 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LVQ100I</a><br>Description: IC FPGA 72 I/O 100VQFP      | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB121C</a><br>Description: IC FPGA 92 I/O 121CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB121I</a><br>Description: IC FPGA 92 I/O 121CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5QR4770AGXUMA1</a><br>Description: IC CTRL QUASI-RES 12SOIC    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5QSAGXUMA1</a><br>Description: IC OFFLN CTRLR QUASI-RESON DSO8 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TQN84I</a><br>Description: IC FPGA 67 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCS36I</a><br>Description: IC FPGA 25 I/O 36WLCSP       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB81C</a><br>Description: IC FPGA 63 I/O 81CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5QR4770AZXKLA1</a><br>Description: IC CTRL QUASI-RES 7DIP      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB132I</a><br>Description: IC FPGA 93 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LCB81I</a><br>Description: IC FPGA 63 I/O 81CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LCB132I</a><br>Description: IC FPGA 93 I/O 132CSBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TQN84C</a><br>Description: IC FPGA 67 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LQN84C</a><br>Description: IC FPGA 67 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-TCB81I</a><br>Description: IC FPGA 63 I/O 81CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE65L01F-LQN84I</a><br>Description: IC FPGA 67 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |

Related keywords for ICE65L01F-LVQ100C

|                                         |                                                     |                            |                         |
|-----------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
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