

ICE5LP1K-SG48ITR50



Part Number: ICE5LP1K-SG48ITR50

Manufacturer: Lattice Semiconductor

Description: IC FPGA 39 I/O 48QFN

Data sheet:  ICE40 Ultra™ Family  
 Leaded Pkg PCB Layout Guide

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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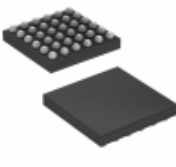
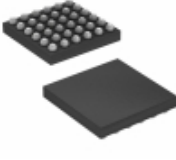
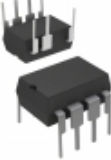
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                    |
|----------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                      | ICE5LP1K-SG48ITR50                        | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                              |
| Description                      | IC FPGA 39 I/O 48QFN                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available               | 31301 pcs                                 | Data sheet                      | <a href="#">iCE40 Ultra™ 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                   | 65536                                     | Supplier Device Package         | 48-QFN (7x7)                                                                       |
| Series                           | iCE40 Ultra™                              | Package / Case                  | 48-VFQFN Exposed Pad                                                               |
| Other Names                      | 220-2064-2                                | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                 |
| Number of Logic Elements/Cells   | 1100                                      | Number of LABs/CLBs             | 138                                                                                |
| Number of I/O                    | 39                                        | 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                |                                 |                                                                                    |

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|  | Part#: <a href="#">ICE5LP2K-CM36ITR</a><br>Description: IC FPGA 26 I/O 36UCFBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5GR1680AGXUMA1</a><br>Description: 125KHZ OFFLINE 800V 1.6 DSO12  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ICE5ASAGXUMA1</a><br>Description: 100KHZ OFFLINE PWM CTRLR DSO-8     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP1K-SWG36ITR</a><br>Description: IC FPGA 26 I/O 36WLCSP         | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP1K-SWG36ITR1K</a><br>Description: IC FPGA 26 I/O 36WLCSP       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5GR2280AGXUMA1</a><br>Description: 125KHZ OFFLINE 800V 2.2 DSO12  | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ICE5GSAGXUMA1</a><br>Description: 125KHZ OFFLINE PWM CTRLR DSO-8     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5AR4780BZSXKLA1</a><br>Description: 100KHZ OFFLINE 800V 4.7 DIP-7 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP1K-SG48ITR</a><br>Description: IC FPGA 39 I/O 48QFN            | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP1K-UWG20ITR50</a><br>Description: IC FPGA 12 I/O 20WLCSP       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP1K-CM36ITR1K</a><br>Description: IC FPGA 26 I/O 36UCFBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">ICE5LP2K-CM36ITR1K</a><br>Description: IC FPGA 26 I/O 36UCFBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a>                           | <div>RFQ</div> |
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Related keywords for ICE5LP1K-SG48ITR50

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