



Lattice Semiconductor



ICE65L04F-TCS63I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE65L04F-TCS63I                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 48 I/O 63WLCSP                                                                                       |
| Datasheets:         |  ICE65L04F-TCS63I.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3963 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

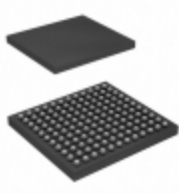
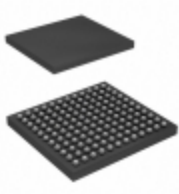
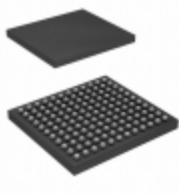
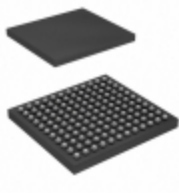
Specifications of ICE65L04F-TCS63I

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE65L04F-TCS63I                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                    |
| DESCRIPTION                      | IC FPGA 48 I/O 63WLCSP                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 3963 pcs                                                                                                 |
| DATA SHEET                       |  ICE65L04F-TCS63I.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                          |
| TOTAL RAM BITS                   | 81920                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 63-WLCSP                                                                                                 |
| SERIES                           | iCE65™ L                                                                                                 |
| PACKAGE / CASE                   | -                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 3520                                                                                                     |
| NUMBER OF LABS/CLBS              | 440                                                                                                      |
| NUMBER OF I/O                    | 48                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| BASE PART NUMBER                 | ICE65                                                                                                    |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor ICE65L04F-TCS63I | ICE65L04F-TCS63I Distributor                       | ICE65L04F-TCS63I Supplier                  |
| ICE65L04F-TCS63I Price                 | ICE65L04F-TCS63I Pictures                          | ICE65L04F-TCS63I Image                     |
| ICE65L04F-TCS63I PDF Datasheet         | ICE65L04F-TCS63I Download Datasheet                | ICE65L04F-TCS63I Datasheet                 |
| ICE65L04F-TCS63I Stock                 | Buy ICE65L04F-TCS63I                               | Buy Lattice Semiconductor ICE65L04F-TCS63I |
| Lattice Semiconductor ICE65L04F-TCS63I | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor ICE65L04F-TCS63I | Lattice Semiconductor Corporation ICE65L04F-TCS63I |                                            |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |
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|  <div><b>ICE65L04F-TCB132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: 5064 pcs<br/>RFQ</div>  |  <div><b>ICE65L08F-LCB132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: 4992 pcs<br/>RFQ</div>  |
|  <div><b>ICE65L04F-TCB196C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: 6057 pcs<br/>RFQ</div> |  <div><b>ICE65L04F-TCB196I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: 4750 pcs<br/>RFQ</div> |
|  <div><b>ICE65L08F-LCB132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: 5141 pcs<br/>RFQ</div>  |  <div><b>ICE65L04F-TCB284C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 176 I/O 284CSBGA<br/>In stock: 3862 pcs<br/>RFQ</div> |
|  <div><b>ICE65L04F-TCB284I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 176 I/O 284CSBGA<br/>In stock: 5559 pcs<br/>RFQ</div> |  <div><b>ICE65L08F-LCB196I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: 3613 pcs<br/>RFQ</div> |
|  <div><b>ICE65L08F-LCB196C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: 3452 pcs<br/>RFQ</div> |  <div><b>ICE65L04F-TVQ100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 72 I/O 100VQFP<br/>In stock: 3340 pcs<br/>RFQ</div>   |
|  <div><b>ICE65L04F-TCB132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: 3033 pcs<br/>RFQ</div>  |  <div><b>ICE65L04F-TVQ100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 72 I/O 100VQFP<br/>In stock: 6893 pcs<br/>RFQ</div>   |