



Lattice Semiconductor



ICE65L08F-TCB196C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE65L08F-TCB196C                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 150 I/O 196CSBGA                                                                                     |
| Datasheets:         |  ICE65L08F-TCB196C.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

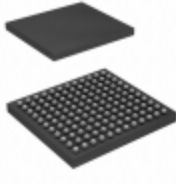
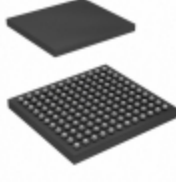
Specifications of ICE65L08F-TCB196C

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE65L08F-TCB196C                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                     |
| DESCRIPTION                      | IC FPGA 150 I/O 196CSBGA                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  ICE65L08F-TCB196C.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                           |
| TOTAL RAM BITS                   | 131072                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 196-CSPBGA (8x8)                                                                                          |
| SERIES                           | iCE65™ L                                                                                                  |
| PACKAGE / CASE                   | 196-VFBGA, CSPBGA                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 7680                                                                                                      |
| NUMBER OF LABS/CLBS              | 960                                                                                                       |
| NUMBER OF I/O                    | 150                                                                                                       |
| 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 ICE65L08F-TCB196C | ICE65L08F-TCB196C Distributor                       | ICE65L08F-TCB196C Supplier                  |
| ICE65L08F-TCB196C Price                 | ICE65L08F-TCB196C Pictures                          | ICE65L08F-TCB196C Image                     |
| ICE65L08F-TCB196C PDF Datasheet         | ICE65L08F-TCB196C Download Datasheet                | ICE65L08F-TCB196C Datasheet                 |
| ICE65L08F-TCB196C Stock                 | Buy ICE65L08F-TCB196C                               | Buy Lattice Semiconductor ICE65L08F-TCB196C |
| Lattice Semiconductor ICE65L08F-TCB196C | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor ICE65L08F-TCB196C | Lattice Semiconductor Corporation ICE65L08F-TCB196C |                                             |

Related Products

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| <div></div> <div><b>ICE65L08F-LCB196I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ICE65L08F-TCS110I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 92 I/O 110WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ICE65L08F-TCC72I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 55 I/O 72WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ICE65L08F-LCB284C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 222 I/O 284CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ICE65L08F-TCB284I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 222 I/O 284CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ICE65L08F-LCB284I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 222 I/O 284CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ICE65L08F-TCB284C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 222 I/O 284CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ICE65P04F-TCB121C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 121CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ICE65L08F-TCB196I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ICE65L08F-TCB132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ICE65L08F-TCB132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 132CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ICE65L08F-LCB196C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 150 I/O 196CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |