



Lattice Semiconductor



ORT8850H-1BM680I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ORT8850H-1BM680I                                                                                                     |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC FPGA 297 I/O 680FBGA                                                                                              |
|                     |  1.ORT8850H-1BM680I.pdf             |
|                     |  2.ORT8850H-1BM680I.pdf             |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3581 pcs stock                                                                                                       |
| 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 ORT8850H-1BM680I

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ORT8850H-1BM680I                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 297 I/O 680FBGA                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 3581 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.ORT8850H-1BM680I.pdf<br> 2.ORT8850H-1BM680I.pdf |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 3.6 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 151552                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 680-FPBGA (35x35)                                                                                                                                                                                                        |
| SERIES                           | ORCA® 4                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 680-BBGA                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 16192                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 297                                                                                                                                                                                                                      |
| NUMBER OF GATES                  | 899000                                                                                                                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                       |
| BASE PART NUMBER                 | ORT8850                                                                                                                                                                                                                  |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor ORT8850H-1BM680I | ORT8850H-1BM680I Distributor                       | ORT8850H-1BM680I Supplier                  |
| ORT8850H-1BM680I Price                 | ORT8850H-1BM680I Pictures                          | ORT8850H-1BM680I Image                     |
| ORT8850H-1BM680I PDF Datasheet         | ORT8850H-1BM680I Download Datasheet                | ORT8850H-1BM680I Datasheet                 |
| ORT8850H-1BM680I Stock                 | Buy ORT8850H-1BM680I                               | Buy Lattice Semiconductor ORT8850H-1BM680I |
| Lattice Semiconductor ORT8850H-1BM680I | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor ORT8850H-1BM680I | Lattice Semiconductor Corporation ORT8850H-1BM680I |                                            |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>ORT8850L-1BM680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 680FBGA<br/>In stock: 3545 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ORT82G5-FPSC-EV</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD EVAL ORT82G5 FPSC/CABLE<br/>In stock: 6075 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ORT82G5-3F680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 372 I/O 680FBGA<br/>In stock: 6453 pcs</div> <div>RFQ</div>       | <div></div> <div><b>ORT8850H-2BM680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 680FBGA<br/>In stock: 3306 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>ORT8850L-1BM680I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 680FBGA<br/>In stock: 3819 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ORT8850H-2BMN680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 680FBGA<br/>In stock: 6149 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>ORT8850H-1BM680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 680FBGA<br/>In stock: 2964 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ORT8850H-1BMN680I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 680FBGA<br/>In stock: 7006 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>ORT8850-FPSC-EV</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD EVAL ORCA ORT8850 FPSC<br/>In stock: 7026 pcs</div> <div>RFQ</div> | <div></div> <div><b>ORT82G5-G2-PAC-EV</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD BRIEFCASE ORT82G5 SERDES<br/>In stock: 6104 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ORT82G5-3FN680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 372 I/O 680FBGA<br/>In stock: 3479 pcs</div> <div>RFQ</div>      | <div></div> <div><b>ORT8850H-1BMN680C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 297 I/O 680FBGA<br/>In stock: 6866 pcs</div> <div>RFQ</div>        |