

A1440A-1VQ100I



Part Number: [A1440A-1VQ100I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 83 I/O 100VQFP

Data sheet:  [ACT 3 Family](#)

RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A1440A-1VQ100I                            | Manufacturer                   | <a href="#">Microsemi</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 83 I/O 100VQFP                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 4893 pcs                                  | Data sheet                     | <a href="#">ACT 3 Family</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 4.5 V ~ 5.5 V                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                       | 100-VQFP (14x14)                          | Series                         | ACT™ 3                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-TQFP                                  | Operating Temperature          | -40°C ~ 85°C (TA)                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                           | 564                                       | Number of I/O                  | 83                                 |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                               | 4000                                      | Mounting Type                  | Surface Mount                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | A1440                                     |                                |                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4893 pieces of Microsemi A1440A-1VQ100I 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                                                                   |                                                                                |                                          |                |
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|--------------------------------------------|----------------------------------------------------|------------------------------------------------------|---------------------------------------------|
| Related keywords for <b>A1440A-1VQ100I</b> |                                                    |                                                      |                                             |
| Microsemi A1440A-1VQ100I                   | A1440A-1VQ100I distributor                         | A1440A-1VQ100I supplier                              | A1440A-1VQ100I price                        |
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| Microsemi HI-REL [MIL] A1440A-1VQ100I      | Microsemi Power Management Group A1440A-1VQ100I    | Microsemi Power Products Group A1440A-1VQ100I        | Microsemi SoC A1440A-1VQ100I                |
|                                            |                                                    | Microsemi Commercial Components Group A1440A-1VQ100I | Microsemi Corporation A1440A-1VQ100I        |
|                                            |                                                    |                                                      | Microsemi Solutions Sdn Bhd. A1440A-1VQ100I |