

A1415A-1PQ100I



Part Number: [A1415A-1PQ100I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 80 I/O 100QFP

Data sheet:  [ACT 3 Family](#)

RoHS Status: Contains lead / RoHS non-compliant

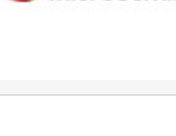
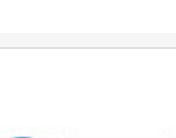
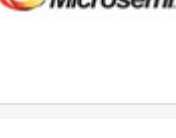
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A1415A-1PQ100I                            | Manufacturer                   | <a href="#">Microsemi</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 80 I/O 100QFP                     | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 4775 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-PQFP (20x14)                          | Series                         | ACT™ 3                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-BQFP                                  | Operating Temperature          | -40°C ~ 85°C (TA)                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                           | 200                                       | Number of I/O                  | 80                                 |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                               | 1500                                      | Mounting Type                  | Surface Mount                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | A1415                                     |                                |                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4775 pieces of Microsemi A1415A-1PQ100I 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                                                                                       |                                                                                     |                                          |                     |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|---------------------|
|  | Part#: <a href="#">A1412CHNF</a><br>Description: JUNCTION BOX STEEL 14"L X 12"W     | Manufacturers: <a href="#">Hoffmann</a>  | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PL84M</a><br>Description: IC FPGA 70 I/O 84PLCC          | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PQG100M</a><br>Description: IC FPGA 80 I/O 100QFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1VQ100C</a><br>Description: IC FPGA 80 I/O 100VQFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PQ100C</a><br>Description: IC FPGA 80 I/O 100QFP         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1VQG100C</a><br>Description: IC FPGA 80 I/O 100VQFP       | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PQ100M</a><br>Description: IC FPGA 80 I/O 100QFP         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PLG84M</a><br>Description: IC FPGA 70 I/O 84PLCC         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PQG100C</a><br>Description: IC FPGA 80 I/O 100QFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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|                      | Part#: <a href="#">A1415A-1PLG84C</a><br>Description: IC FPGA 70 I/O 84PLCC         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A1412CHQR</a><br>Description: JUNCTION BOX STEEL 14"L X 12"W     | Manufacturers: <a href="#">Hoffmann</a>  | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1VQ100M</a><br>Description: IC FPGA 80 I/O 100VQFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1VQ100I</a><br>Description: IC FPGA 80 I/O 100VQFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1VQG100I</a><br>Description: IC FPGA 80 I/O 100VQFP       | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PQG100I</a><br>Description: IC FPGA 80 I/O 100QFP        | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PLG84I</a><br>Description: IC FPGA 70 I/O 84PLCC         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|                      | Part#: <a href="#">A1415A-1PL84C</a><br>Description: IC FPGA 70 I/O 84PLCC          | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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|                      | Part#: <a href="#">A1415A-1VQG100M</a><br>Description: IC FPGA 80 I/O 100VQFP       | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |

|                                            |                                                    |                                                      |                                             |
|--------------------------------------------|----------------------------------------------------|------------------------------------------------------|---------------------------------------------|
| Related keywords for <b>A1415A-1PQ100I</b> |                                                    |                                                      |                                             |
| Microsemi A1415A-1PQ100I                   | A1415A-1PQ100I distributor                         | A1415A-1PQ100I supplier                              | A1415A-1PQ100I price                        |
| A1415A-1PQ100I download datasheet          | A1415A-1PQ100I datasheet                           | A1415A-1PQ100I stock                                 | buy A1415A-1PQ100I                          |
| Microsemi A1415A-1PQ100I                   | Microsemi Analog Mixed Signal Group A1415A-1PQ100I | Microsemi Analog Mixed Signal Group [MIL]            | Microsemi Consumer Medical Product Group    |
| Microsemi HI-REL [MIL] A1415A-1PQ100I      | Microsemi Power Management Group A1415A-1PQ100I    | Microsemi Power Products Group A1415A-1PQ100I        | Microsemi SoC A1415A-1PQ100I                |
|                                            |                                                    | Microsemi Commercial Components Group A1415A-1PQ100I | Microsemi Corporation A1415A-1PQ100I        |
|                                            |                                                    |                                                      | Microsemi Solutions Sdn Bhd. A1415A-1PQ100I |