

A42MX16-1PQG208I





Part Number: [A42MX16-1PQG208I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 140 I/O 208QFP

Data sheet:  [40MX,42MX FPGA Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

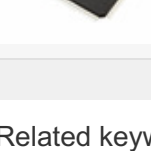
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                  |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | A42MX16-1PQG208I                          | Manufacturer                     | <a href="#">Microsemi</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC FPGA 140 I/O 208QFP                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 4575 pcs                                  | Data sheet                       | <a href="#">40MX,42MX FPGA Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3 V ~ 3.6 V, 4.5 V ~ 5.5 V                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                         | 208-PQFP (28x28)                          | Series                           | MX                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 208-BFQFP                                 | Operating Temperature            | -40°C ~ 85°C (TA)                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                   | 140                                       | Number of Gates                  | 24000                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Base Part Number                 | A42MX16                                         |
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|  | Part#: <a href="#">A42MX16-1PQG100M</a><br>Description: IC FPGA 83 I/O 100QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PQG160I</a><br>Description: IC FPGA 125 I/O 160QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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| Related keywords for A42MX16-1PQG208I   |                                                      |                                                            |                                                           |
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