

A42MX09-VQG100A



Part Number: [A42MX09-VQG100A](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 83 I/O 100VQFP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

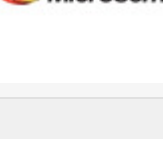
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| PRODUCT PARAMETER              |                                           |                                  |                                                 |
|--------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------|
| Part Number                    | A42MX09-VQG100A                           | Manufacturer                     | <a href="#">Microsemi</a>                       |
| Description                    | IC FPGA 83 I/O 100VQFP                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                      |
| Quantity Available             | 763 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        | 100-VQFP (14x14)                          | Series                           | MX                                              |
| Package / Case                 | 100-TQFP                                  | Operating Temperature            | -40°C ~ 125°C (TA)                              |
| Number of I/O                  | 83                                        | Number of Gates                  | 14000                                           |
| Mounting Type                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                   |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Base Part Number                 | A42MX09                                         |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">A42MX09-TQG176</a><br>Description: IC FPGA 104 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PQ100I</a><br>Description: IC FPGA 83 I/O 100QFP   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PL84</a><br>Description: IC FPGA 72 I/O 84PLCC     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PLG84M</a><br>Description: IC FPGA 72 I/O 84PLCC   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQ176M</a><br>Description: IC FPGA 104 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PLG84</a><br>Description: IC FPGA 72 I/O 84PLCC    | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQG176M</a><br>Description: IC FPGA 104 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQG176A</a><br>Description: IC FPGA 104 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PL84M</a><br>Description: IC FPGA 72 I/O 84PLCC    | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX16-1PLG84I</a><br>Description: IC FPGA 72 I/O 84PLCC   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
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|  | Part#: <a href="#">A42MX09-VQ100M</a><br>Description: IC FPGA 83 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-VQ100I</a><br>Description: IC FPGA 83 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
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| Related keywords for A42MX09-VQG100A   |                                                     |                                                           |                                                          |
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| Microsemi HI-REL [MIL] A42MX09-VQG100A | Microsemi Power Management Group A42MX09-VQG100A    | Microsemi Power Products Group A42MX09-VQG100A            | Microsemi SoC A42MX09-VQG100A                            |
|                                        |                                                     |                                                           | Microsemi Commercial Components Group A42MX09-VQG100A    |
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