

A42MX09-TQ176M



Part Number: [A42MX09-TQ176M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 104 I/O 176TQFP

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

RoHs Status: Contains lead / RoHS non-compliant

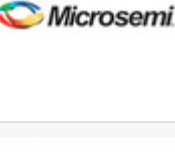
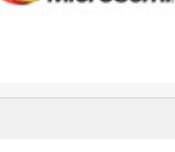
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A42MX09-TQ176M                            | Manufacturer                     | <a href="#">Microsemi</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 104 I/O 176TQFP                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 5461 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                                                                                                                                                                                                                                                                                                                                                                                                                       | 176-TQFP (24x24)                          | Series                           | MX                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 176-LQFP                                  | Operating Temperature            | -55°C ~ 125°C (TC)                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                 | 104                                       | Number of Gates                  | 14000                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Contains lead / RoHS non-compliant        | Base Part Number                 | A42MX09                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5461 pieces of Microsemi A42MX09-TQ176M 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="#">A42MX09-PQG100M</a><br>Description: IC FPGA 83 I/O 100QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQ176I</a><br>Description: IC FPGA 104 I/O 176TQFP  | 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-VQ100M</a><br>Description: IC FPGA 83 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-VQ100</a><br>Description: IC FPGA 83 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-PQG100A</a><br>Description: IC FPGA 83 I/O 100QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-PQG160M</a><br>Description: IC FPGA 101 I/O 160QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQ176</a><br>Description: IC FPGA 104 I/O 176TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-TQG176I</a><br>Description: IC FPGA 104 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-VQG100A</a><br>Description: IC FPGA 83 I/O 100VQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | 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="#">A42MX09-TQG176</a><br>Description: IC FPGA 104 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-PQG160I</a><br>Description: IC FPGA 101 I/O 160QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-PQG100I</a><br>Description: IC FPGA 83 I/O 100QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A42MX09-PQG160A</a><br>Description: IC FPGA 101 I/O 160QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A42MX09-VQ100A</a><br>Description: IC FPGA 83 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

|                                            |                                                    |                                                          |                                                         |
|--------------------------------------------|----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|
| Related keywords for <b>A42MX09-TQ176M</b> |                                                    |                                                          |                                                         |
| Microsemi A42MX09-TQ176M                   | A42MX09-TQ176M distributor                         | A42MX09-TQ176M supplier                                  | A42MX09-TQ176M price                                    |
| A42MX09-TQ176M download datasheet          | A42MX09-TQ176M datasheet                           | A42MX09-TQ176M stock                                     | buy A42MX09-TQ176M                                      |
| Microsemi A42MX09-TQ176M                   | Microsemi Analog Mixed Signal Group A42MX09-TQ176M | Microsemi Analog Mixed Signal Group [MIL] A42MX09-TQ176M | Microsemi Consumer Medical Product Group A42MX09-TQ176M |
| Microsemi HI-REL [MIL] A42MX09-TQ176M      | Microsemi Power Management Group A42MX09-TQ176M    | Microsemi Power Products Group A42MX09-TQ176M            | Microsemi SoC A42MX09-TQ176M                            |
|                                            |                                                    |                                                          | Microsemi Commercial Components Group A42MX09-TQ176M    |
| Microsemi Corporation A42MX09-TQ176M       | Microsemi Solutions Sdn Bhd. A42MX09-TQ176M        |                                                          |                                                         |

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