

A42MX24-1TQ176





Part Number: [A42MX24-1TQ176](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 150 I/O 176TQFP

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

RoHs Status: Contains lead / RoHS non-compliant

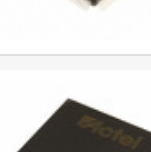
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A42MX24-1TQ176                            | Manufacturer                     | <a href="#">Microsemi</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 150 I/O 176TQFP                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 5083 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, 4.75 V ~ 5.25 V                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                       | 176-TQFP (24x24)                          | Series                           | MX                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 176-LQFP                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                 |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                 | 150                                       | Number of Gates                  | 36000                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Contains lead / RoHS non-compliant        | Base Part Number                 | A42MX24                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5083 pieces of Microsemi A42MX24-1TQ176 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="#">A42MX24-1PQ208I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG160M</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 125 I/O 160QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG160</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 125 I/O 160QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1TQ176I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 150 I/O 176TQFP    |                                          |     |
|  | Part#: <a href="#">A42MX24-2PLG84</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 72 I/O 84PLCC      |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQ160M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 125 I/O 160QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1TQG176M</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 150 I/O 176TQFP    |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG208M</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-2PQ160</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 125 I/O 160QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-2PLG84I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 72 I/O 84PLCC      |                                          |     |
|  | Part#: <a href="#">A42MX24-1TQG176</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 150 I/O 176TQFP    |                                          |     |
|  | Part#: <a href="#">A42MX24-2PL84I</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 72 I/O 84PLCC      |                                          |     |
|  | Part#: <a href="#">A42MX24-2PL84</a>    | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 72 I/O 84PLCC      |                                          |     |
|  | Part#: <a href="#">A42MX24-1TQG176I</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 150 I/O 176TQFP    |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG208I</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1TQ176M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 150 I/O 176TQFP    |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG160I</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 125 I/O 160QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQ208</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQ208M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX24-1PQG208</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |

Related keywords for A42MX24-1TQ176

|                                       |                                                    |                                                          |                                                         |
|---------------------------------------|----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|
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| Microsemi HI-REL [MIL] A42MX24-1TQ176 | Microsemi Power Management Group A42MX24-1TQ176    | Microsemi Power Products Group A42MX24-1TQ176            | Microsemi SoC A42MX24-1TQ176                            |
|                                       |                                                    |                                                          | Microsemi Commercial Components Group A42MX24-1TQ176    |
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