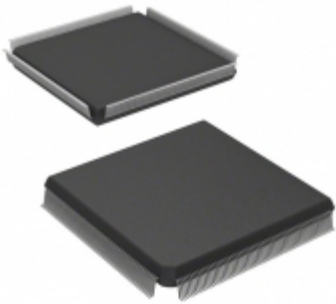


A42MX36-1CQ256M





Part Number: [A42MX36-1CQ256M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 202 I/O 256CQFP

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

RoHs Status: Contains lead / RoHS non-compliant

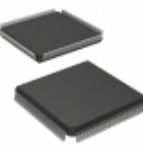
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | A42MX36-1CQ256M                           | Manufacturer                   | <a href="#">Microsemi</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC FPGA 202 I/O 256CQFP                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 17 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                      |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                               | 2560                                      | Supplier Device Package        | 256-CQFP (75x75)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | MX                                        | Package / Case                 | 256-BFCQFP with Tie Bar                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C (TC)                        | Number of I/O                  | 202                                             |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                              | 54000                                     | Mounting Type                  | Surface Mount                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | A42MX36                                   |                                |                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 17 pieces of Microsemi A42MX36-1CQ256M 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="#">A42MX36-1PQ240</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 240QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQ208I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1BG272I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 272BGA     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQ240I</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 240QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1CQ208B</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208CQFP    |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQG208I</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQ240M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 240QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1BG272M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 272BGA     |                                          |     |
|  | Part#: <a href="#">A42MX36-1BGG272I</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 272BGA     |                                          |     |
|  | Part#: <a href="#">A42MX36-1CQ256B</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 256CQFP    |                                          |     |
|  | Part#: <a href="#">A42MX36-1BGG272</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 272BGA     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQG208</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1BGG272M</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 272BGA     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQG208M</a> | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1CQ208M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208CQFP    |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQG240</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 240QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQ208M</a>  | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1CQ208</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208CQFP    |                                          |     |
|  | Part#: <a href="#">A42MX36-1PQ208</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 176 I/O 208QFP     |                                          |     |
|  | Part#: <a href="#">A42MX36-1CQ256</a>   | Manufacturers: <a href="#">Microsemi</a> | RFQ |
|                                                                                    | Description: IC FPGA 202 I/O 256CQFP    |                                          |     |

|                                             |                                                     |                                                           |                                                          |
|---------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| Related keywords for <b>A42MX36-1CQ256M</b> |                                                     |                                                           |                                                          |
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