

A54SX72A-1CQ256



Part Number: [A54SX72A-1CQ256](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 203 I/O 256CQFP

Data sheet:  [SX-A Family FPGAs Datasheet](#)

RoHS Status: Contains lead / RoHS non-compliant

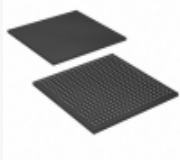
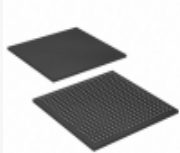
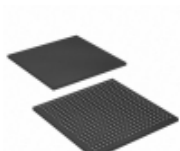
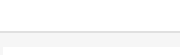
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | A54SX72A-1CQ256                           | Manufacturer                   | <a href="#">Microsemi</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC FPGA 203 I/O 256CQFP                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 16 pcs                                    | Data sheet                     | <a href="#">SX-A Family FPGAs Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.25 V ~ 5.25 V                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                      | 256-CQFP (75x75)                          | Series                         | SX-A                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | 256-BFCQFP with Tie Bar                   | Operating Temperature          | 0°C ~ 70°C (TA)                             |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                          | 6036                                      | Number of I/O                  | 203                                         |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                              | 108000                                    | Mounting Type                  | Surface Mount                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | A54SX72A                                  |                                |                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 16 pieces of Microsemi A54SX72A-1CQ256 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="#">A54SX72A-1FGG256I</a><br>Description: IC FPGA 203 I/O 256FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG484M</a><br>Description: IC FPGA 360 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1CQ208M</a><br>Description: IC FPGA 171 I/O 208CQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG144I</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1CQ208B</a><br>Description: IC FPGA 171 I/O 208CQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG256I</a><br>Description: IC FPGA 203 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1CQ208</a><br>Description: IC FPGA 171 I/O 208CQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG144A</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG176I</a><br>Description: IC FPGA 147 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG484</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG256</a><br>Description: IC FPGA 203 I/O 256FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG176M</a><br>Description: IC FPGA 147 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG484I</a><br>Description: IC FPGA 360 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FGG256</a><br>Description: IC FPGA 203 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG144M</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1CQ256B</a><br>Description: IC FPGA 203 I/O 256CQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1CQ256M</a><br>Description: IC FPGA 213 I/O 256CQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX72A-1FG256M</a><br>Description: IC FPGA 203 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG144</a><br>Description: IC FPGA 113 I/O 144TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-TQG176</a><br>Description: IC FPGA 147 I/O 176TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

|                                             |                                                     |                                                |                                          |
|---------------------------------------------|-----------------------------------------------------|------------------------------------------------|------------------------------------------|
| Related keywords for <b>A54SX72A-1CQ256</b> |                                                     |                                                |                                          |
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| Microsemi HI-REL [MIL] A54SX72A-1CQ256      | Microsemi Power Management Group A54SX72A-1CQ256    | Microsemi Power Products Group A54SX72A-1CQ256 | Microsemi SoC A54SX72A-1CQ256            |
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