

A54SX08-1VQG100



Part Number: [A54SX08-1VQG100](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 81 I/O 100VQFP

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

RoHs Status: Lead free / RoHS Compliant

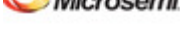
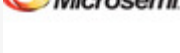
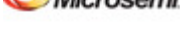
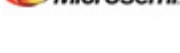
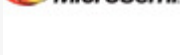
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | A54SX08-1VQG100                           | Manufacturer                   | <a href="#">Microsemi</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA 81 I/O 100VQFP                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 4725 pcs                                  | Data sheet                     | <a href="#">SX Family FPGAs 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                                                                                                                                                                                                                                                                                                                                                                                                                        | 100-VQFP (14x14)                          | Series                         | SX                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-TQFP                                  | Operating Temperature          | 0°C ~ 70°C (TA)                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                            | 768                                       | Number of I/O                  | 81                                        |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                | 12000                                     | Mounting Type                  | Surface Mount                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | A54SX08                                   |                                |                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4725 pieces of Microsemi A54SX08-1VQG100 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="#">A54SX08-2PQ208</a><br>Description: IC FPGA 130 I/O 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQ176I</a><br>Description: IC FPGA 128 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2PL84</a><br>Description: IC FPGA 69 I/O 84PLCC      | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2FG144I</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2PL84I</a><br>Description: IC FPGA 69 I/O 84PLCC     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQG176I</a><br>Description: IC FPGA 128 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1VQG100I</a><br>Description: IC FPGA 81 I/O 100VQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2FGG144</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2PLG84I</a><br>Description: IC FPGA 69 I/O 84PLCC    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQG144</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQG176</a><br>Description: IC FPGA 128 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2PLG84</a><br>Description: IC FPGA 69 I/O 84PLCC     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQ144I</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQ144</a><br>Description: IC FPGA 113 I/O 144TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1VQ100I</a><br>Description: IC FPGA 81 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1VQ100</a><br>Description: IC FPGA 81 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQ176</a><br>Description: IC FPGA 128 I/O 176TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2FGG144I</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-1TQG144I</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX08-2FG144</a><br>Description: IC FPGA 111 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

|                                             |                                                     |                                                           |                                                          |
|---------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| Related keywords for <b>A54SX08-1VQG100</b> |                                                     |                                                           |                                                          |
| Microsemi A54SX08-1VQG100                   | A54SX08-1VQG100 distributor                         | A54SX08-1VQG100 supplier                                  | A54SX08-1VQG100 price                                    |
| A54SX08-1VQG100 download datasheet          | A54SX08-1VQG100 datasheet                           | A54SX08-1VQG100 stock                                     | buy A54SX08-1VQG100                                      |
| Microsemi A54SX08-1VQG100                   | Microsemi Analog Mixed Signal Group A54SX08-1VQG100 | Microsemi Analog Mixed Signal Group [MIL] A54SX08-1VQG100 | Microsemi Consumer Medical Product Group A54SX08-1VQG100 |
| Microsemi HI-REL [MIL] A54SX08-1VQG100      | Microsemi Power Management Group A54SX08-1VQG100    | Microsemi Power Products Group A54SX08-1VQG100            | Microsemi SoC A54SX08-1VQG100                            |
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| Microsemi Corporation A54SX08-1VQG100       | Microsemi Solutions Sdn Bhd. A54SX08-1VQG100        |                                                           |                                                          |