

A54SX08A-FGG144



Part Number: [A54SX08A-FGG144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 111 I/O 144FBGA

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

RoHS Status: Lead free / RoHS Compliant

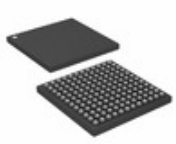
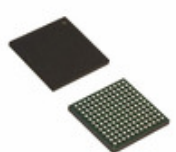
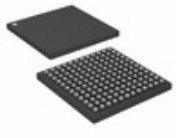
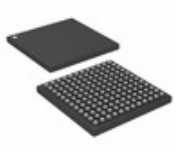
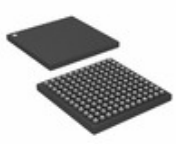
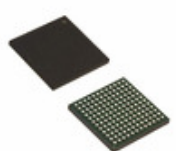
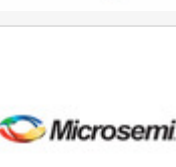
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | A54SX08A-FGG144                           | Manufacturer                   | <a href="#">Microsemi</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA 111 I/O 144FBGA                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 6017 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                                                                                                                                                                                                                                                                                                                                                                                                                        | 144-FPBGA (13x13)                         | Series                         | SX-A                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 144-LBGA                                  | Operating Temperature          | 0°C ~ 70°C (TA)                             |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                            | 768                                       | Number of I/O                  | 111                                         |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                               | A54SX08A                                  |                                |                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 6017 pieces of Microsemi A54SX08A-FGG144 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="#">A54SX08A-FFG144</a><br>Description: IC FPGA 111 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FPQ208</a><br>Description: IC FPGA 130 I/O 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FFGG144</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FTQG144</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FG144A</a><br>Description: IC FPGA 111 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FG144I</a><br>Description: IC FPGA 111 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FG144</a><br>Description: IC FPGA 111 I/O 144FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FFGG144A</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-PQ208A</a><br>Description: IC FPGA 130 I/O 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-2TQG144I</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-2TQG144</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FTQ100</a><br>Description: IC FPGA 81 I/O 100TQFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-2TQG100</a><br>Description: IC FPGA 81 I/O 100TQFP   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FFG144I</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">A54SX08A-PQ208</a><br>Description: IC FPGA 130 I/O 208QFP     | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-2TQ144I</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-2TQG100I</a><br>Description: IC FPGA 81 I/O 100TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX08A-FPQG208</a><br>Description: IC FPGA 130 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |

|                                             |                                                     |                                                |                                          |
|---------------------------------------------|-----------------------------------------------------|------------------------------------------------|------------------------------------------|
| Related keywords for <b>A54SX08A-FGG144</b> |                                                     |                                                |                                          |
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| Microsemi HI-REL [MIL] A54SX08A-FGG144      | Microsemi Power Management Group A54SX08A-FGG144    | Microsemi Power Products Group A54SX08A-FGG144 | Microsemi SoC A54SX08A-FGG144            |
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