

A54SX32A-FG256M



Part Number: [A54SX32A-FG256M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 203 I/O 256FBGA

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

RoHS Status: Contains lead / RoHS non-compliant

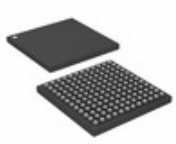
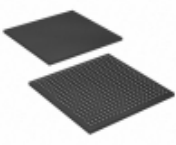
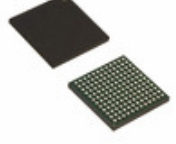
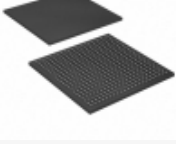
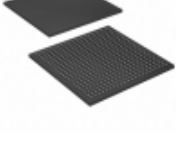
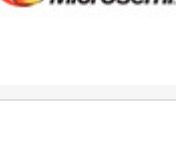
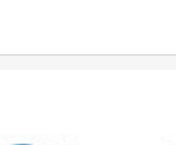
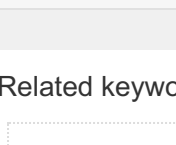
Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A54SX32A-FG256M                           | Manufacturer                   | <a href="#">Microsemi</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 203 I/O 256FBGA                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 133 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-FPBGA (17x17)                         | Series                         | SX-A                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 256-BGA                                   | Operating Temperature          | -55°C ~ 125°C (TC)                          |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                           | 2880                                      | Number of I/O                  | 203                                         |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                               | 48000                                     | Mounting Type                  | Surface Mount                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | A54SX32A                                  |                                |                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 133 pieces of Microsemi A54SX32A-FG256M 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="#">A54SX32A-FG144M</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FG484I</a><br>Description: IC FPGA 249 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FGG144A</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FG484M</a><br>Description: IC FPGA 249 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FGGG484</a><br>Description: IC FPGA 249 I/O 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A54SX32A-FG144</a><br>Description: IC FPGA 111 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FGG144M</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FGG144I</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A54SX32A-FG144A</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A54SX32A-FG484</a><br>Description: IC FPGA 249 I/O 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32A-FGG144</a><br>Description: IC FPGA 111 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A54SX32A-FGGG144</a><br>Description: IC FPGA 111 I/O 144FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

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|---------------------------------------------|-----------------------------------------------------|------------------------------------------------|------------------------------------------|
| Related keywords for <b>A54SX32A-FG256M</b> |                                                     |                                                |                                          |
| Microsemi A54SX32A-FG256M                   | A54SX32A-FG256M distributor                         | A54SX32A-FG256M supplier                       | A54SX32A-FG256M price                    |
| A54SX32A-FG256M download datasheet          | A54SX32A-FG256M datasheet                           | A54SX32A-FG256M stock                          | buy A54SX32A-FG256M                      |
| Microsemi A54SX32A-FG256M                   | Microsemi Analog Mixed Signal Group A54SX32A-FG256M | Microsemi Analog Mixed Signal Group [MIL]      | Microsemi Consumer Medical Product Group |
| Microsemi HI-REL [MIL] A54SX32A-FG256M      | Microsemi Power Management Group A54SX32A-FG256M    | Microsemi Power Products Group A54SX32A-FG256M | Microsemi SoC A54SX32A-FG256M            |
|                                             |                                                     |                                                | Microsemi Commercial Components Group    |
|                                             |                                                     |                                                | A54SX32A-FG256M                          |
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