

A54SX32A-TQ144A



Part Number: [A54SX32A-TQ144A](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 113 I/O 144TQFP

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

RoHs Status: Contains lead / RoHS non-compliant

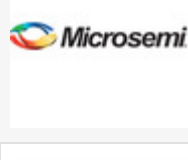
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | A54SX32A-TQ144A                           | Manufacturer                   | <a href="#">Microsemi</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA 113 I/O 144TQFP                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 5703 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-TQFP (20x20)                          | Series                         | SX-A                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 144-LQFP                                  | Operating Temperature          | -40°C ~ 125°C (TA)                          |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                            | 2880                                      | Number of I/O                  | 113                                         |
| 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 5703 pieces of Microsemi A54SX32A-TQ144A 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-TQ100I</a><br>Description: IC FPGA 81 I/O 100TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ144</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-PQG208A</a><br>Description: IC FPGA 174 I/O 208QFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ100</a><br>Description: IC FPGA 81 I/O 100TQFP   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-PQG208I</a><br>Description: IC FPGA 174 I/O 208QFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQG100</a><br>Description: IC FPGA 81 I/O 100TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ176</a><br>Description: IC FPGA 147 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQG100I</a><br>Description: IC FPGA 81 I/O 100TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-PQG208</a><br>Description: IC FPGA 174 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ144M</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ176M</a><br>Description: IC FPGA 147 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQG100A</a><br>Description: IC FPGA 81 I/O 100TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-PQ208M</a><br>Description: IC FPGA 174 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ144I</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQG100M</a><br>Description: IC FPGA 81 I/O 100TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQG144</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ100M</a><br>Description: IC FPGA 81 I/O 100TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ176I</a><br>Description: IC FPGA 147 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-PQG208M</a><br>Description: IC FPGA 174 I/O 208QFP | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A54SX32A-TQ100A</a><br>Description: IC FPGA 81 I/O 100TQFP  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |

|                                             |                                                     |                                                           |                                                          |
|---------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| Related keywords for <b>A54SX32A-TQ144A</b> |                                                     |                                                           |                                                          |
| Microsemi A54SX32A-TQ144A                   | A54SX32A-TQ144A distributor                         | A54SX32A-TQ144A supplier                                  | A54SX32A-TQ144A price                                    |
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| Microsemi A54SX32A-TQ144A                   | Microsemi Analog Mixed Signal Group A54SX32A-TQ144A | Microsemi Analog Mixed Signal Group [MIL] A54SX32A-TQ144A | Microsemi Consumer Medical Product Group A54SX32A-TQ144A |
| Microsemi HI-REL [MIL] A54SX32A-TQ144A      | Microsemi Power Management Group A54SX32A-TQ144A    | Microsemi Power Products Group A54SX32A-TQ144A            | Microsemi SoC A54SX32A-TQ144A                            |
|                                             |                                                     |                                                           | Microsemi Commercial Components Group A54SX32A-TQ144A    |
| Microsemi Corporation A54SX32A-TQ144A       | Microsemi Solutions Sdn Bhd. A54SX32A-TQ144A        |                                                           |                                                          |