

A54SX32-2TQ176



Part Number: [A54SX32-2TQ176](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 147 I/O 176TQFP

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

RoHs Status: Contains lead / RoHS non-compliant

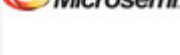
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | A54SX32-2TQ176                            | Manufacturer                   | <a href="#">Microsemi</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 147 I/O 176TQFP                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 5155 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                                                                                                                                                                                                                                                                                                                                                                                                                       | 176-TQFP (24x24)                          | Series                         | SX                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 176-LQFP                                  | Operating Temperature          | 0°C ~ 70°C (TA)                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                           | 2880                                      | Number of I/O                  | 147                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                              | A54SX32                                   |                                |                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5155 pieces of Microsemi A54SX32-2TQ176 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="#">A54SX32-2TQ144I</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-BG313M</a><br>Description: IC FPGA 249 I/O 313BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2BG329</a><br>Description: IC FPGA 249 I/O 329BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQG176I</a><br>Description: IC FPGA 147 I/O 176TQFP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-BG313</a><br>Description: IC FPGA 249 I/O 313BGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2PQ208</a><br>Description: IC FPGA 174 I/O 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-BG313I</a><br>Description: IC FPGA 249 I/O 313BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2BG329I</a><br>Description: IC FPGA 249 I/O 329BGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2PQG208</a><br>Description: IC FPGA 174 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQG144</a><br>Description: IC FPGA 113 I/O 144TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2PQ208I</a><br>Description: IC FPGA 174 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQ176I</a><br>Description: IC FPGA 147 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2PQG208I</a><br>Description: IC FPGA 174 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQG144I</a><br>Description: IC FPGA 113 I/O 144TQFP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2BGG329I</a><br>Description: IC FPGA 249 I/O 329BGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQG176</a><br>Description: IC FPGA 147 I/O 176TQFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-BG329</a><br>Description: IC FPGA 249 I/O 329BGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2TQ144</a><br>Description: IC FPGA 113 I/O 144TQFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-2BGG329</a><br>Description: IC FPGA 249 I/O 329BGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A54SX32-BG329I</a><br>Description: IC FPGA 249 I/O 329BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

|                                            |                                                    |                                                          |                                                         |
|--------------------------------------------|----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|
| Related keywords for <b>A54SX32-2TQ176</b> |                                                    |                                                          |                                                         |
| Microsemi A54SX32-2TQ176                   | A54SX32-2TQ176 distributor                         | A54SX32-2TQ176 supplier                                  | A54SX32-2TQ176 price                                    |
| A54SX32-2TQ176 download datasheet          | A54SX32-2TQ176 datasheet                           | A54SX32-2TQ176 stock                                     | buy A54SX32-2TQ176                                      |
| Microsemi A54SX32-2TQ176                   | Microsemi Analog Mixed Signal Group A54SX32-2TQ176 | Microsemi Analog Mixed Signal Group [MIL] A54SX32-2TQ176 | Microsemi Consumer Medical Product Group A54SX32-2TQ176 |
| Microsemi HI-REL [MIL] A54SX32-2TQ176      | Microsemi Power Management Group A54SX32-2TQ176    | Microsemi Power Products Group A54SX32-2TQ176            | Microsemi SoC A54SX32-2TQ176                            |
|                                            |                                                    | Microsemi Commercial Components Group A54SX32-2TQ176     | Microsemi Corporation A54SX32-2TQ176                    |
|                                            |                                                    |                                                          | Microsemi Solutions Sdn Bhd. A54SX32-2TQ176             |