

M1A3P1000-2FGG144





Part Number: [M1A3P1000-2FGG144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 97 I/O 144FPGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

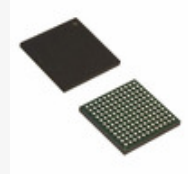
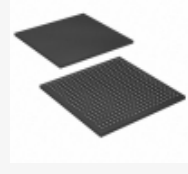
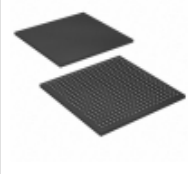
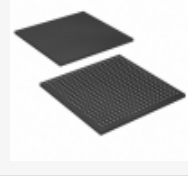
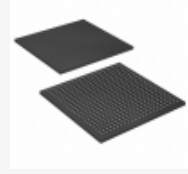
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Images are for reference only.  
See Product Specifications for product details.  
Buy M1A3P1000-2FGG144 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | M1A3P1000-2FGG144                         | Manufacturer                   | <a href="#">Microsemi</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA 97 I/O 144FPGA                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 1390 pcs                                  | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.425 V ~ 1.575 V          |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                   | 147456                                    | Supplier Device Package        | 144-FPBGA (13x13)          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                           | ProASIC3                                  | Package / Case                 | 144-LBGA                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                            | 0°C ~ 85°C (TJ)                           | Number of I/O                  | 97                         |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1000000                                   | Mounting Type                  | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | M1A3P1000                                 |                                |                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 1390 pieces of Microsemi M1A3P1000-2FGG144 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="#">M1A3P1000-1PQG208M</a><br>Description: IC FPGA 154 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FGG144I</a><br>Description: IC FPGA 97 I/O 144FPGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG256I</a><br>Description: IC FPGA 177 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FGG484</a><br>Description: IC FPGA 300 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FGG484I</a><br>Description: IC FPGA 300 I/O 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG484</a><br>Description: IC FPGA 300 I/O 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG144</a><br>Description: IC FPGA 97 I/O 144FPGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FGG256</a><br>Description: IC FPGA 177 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2PQG208I</a><br>Description: IC FPGA 154 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2PQ208I</a><br>Description: IC FPGA 154 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG144I</a><br>Description: IC FPGA 97 I/O 144FPGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2PQG208</a><br>Description: IC FPGA 154 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2PQ208</a><br>Description: IC FPGA 154 I/O 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG484I</a><br>Description: IC FPGA 300 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-1PQG208</a><br>Description: IC FPGA 154 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FG256</a><br>Description: IC FPGA 177 I/O 256FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-1PQG208I</a><br>Description: IC FPGA 154 I/O 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-2FGG256I</a><br>Description: IC FPGA 177 I/O 256FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-1PQ208M</a><br>Description: IC FPGA 154 I/O 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M1A3P1000-FG144</a><br>Description: IC FPGA 97 I/O 144FPGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

Related keywords for **M1A3P1000-2FGG144**

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| Microsemi HI-REL [MIL] M1A3P1000-2FGG144 | Microsemi Power Management Group M1A3P1000-2FGG144    | Microsemi Power Products Group M1A3P1000-2FGG144            | Microsemi SoC M1A3P1000-2FGG144                            |
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