

APA450-BGG456



Part Number: [APA450-BGG456](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 344 I/O 456BGA

Data sheet:  [ProASIC-PLUS Flash](#)

RoHS Status: Lead free / RoHS Compliant

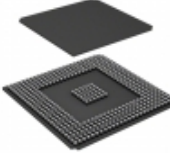
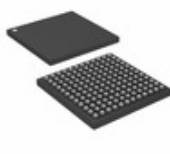
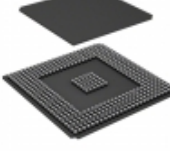
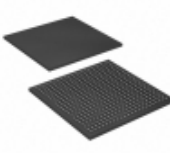
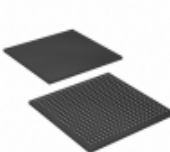
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy APA450-BGG456 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | APA450-BGG456                             | Manufacturer                    | <a href="#">Microsemi</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC FPGA 344 I/O 456BGA                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 293 pcs                                   | Data sheet                      | <a href="#">ProASIC-PLUS Flash</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 2.3 V ~ 2.7 V                      |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                              | 110592                                    | Supplier Device Package         | 456-PBGA (35x35)                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | ProASICPLUS                               | Package / Case                  | 456-BBGA                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                       | 0°C ~ 70°C (TA)                           | Number of I/O                   | 344                                |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                             | 450000                                    | Mounting Type                   | Surface Mount                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 8 Weeks                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | Base Part Number                | APA450                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 293 pieces of Microsemi APA450-BGG456 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="#">APA3010ZGCK-GX</a><br>Description: LED GREEN CLEAR SMD R/A     | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010SURCK-GX</a><br>Description: LED RED CLEAR CHIP SMD R/A | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-BG456I</a><br>Description: IC FPGA 344 I/O 456BGA       | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010ZGC-GX</a><br>Description: LED GREEN CLEAR SMD R/A      | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010YC-GX</a><br>Description: LED YELLOW CLEAR SMD R/A      | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG144</a><br>Description: IC FPGA 100 I/O 144FBGA       | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010SYCK</a><br>Description: LED YELLOW CLEAR SMD R/A       | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010ZGC</a><br>Description: LED GREEN CLEAR SMD R/A         | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-BG456</a><br>Description: IC FPGA 344 I/O 456BGA        | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG256I</a><br>Description: IC FPGA 186 I/O 256FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010SYCK-GX</a><br>Description: LED YELLOW CLEAR SMD R/A    | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG484A</a><br>Description: IC FPGA 344 I/O 484FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG484</a><br>Description: IC FPGA 344 I/O 484FBGA       | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG256A</a><br>Description: IC FPGA 186 I/O 256FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG256</a><br>Description: IC FPGA 186 I/O 256FBGA       | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-BGG456I</a><br>Description: IC FPGA 344 I/O 456BGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA3010YC</a><br>Description: LED YELLOW CLEAR SMD R/A         | Manufacturers: <a href="#">Kingbright</a> | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG144A</a><br>Description: IC FPGA 100 I/O 144FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG484I</a><br>Description: IC FPGA 344 I/O 484FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |
|  | Part#: <a href="#">APA450-FG144I</a><br>Description: IC FPGA 100 I/O 144FBGA      | Manufacturers: <a href="#">Microsemi</a>  | <div>RFQ</div> |

|                                           |                                                   |                                                     |                                            |
|-------------------------------------------|---------------------------------------------------|-----------------------------------------------------|--------------------------------------------|
| Related keywords for <b>APA450-BGG456</b> |                                                   |                                                     |                                            |
| Microsemi APA450-BGG456                   | APA450-BGG456 distributor                         | APA450-BGG456 supplier                              | APA450-BGG456 price                        |
| APA450-BGG456 download datasheet          | APA450-BGG456 datasheet                           | APA450-BGG456 stock                                 | buy APA450-BGG456                          |
| Microsemi APA450-BGG456                   | Microsemi Analog Mixed Signal Group APA450-BGG456 | Microsemi Analog Mixed Signal Group [MIL]           | Microsemi Consumer Medical Product Group   |
| Microsemi HI-REL [MIL] APA450-BGG456      | Microsemi Power Management Group APA450-BGG456    | Microsemi Power Products Group APA450-BGG456        | Microsemi SoC APA450-BGG456                |
|                                           |                                                   | Microsemi Commercial Components Group APA450-BGG456 | Microsemi Corporation APA450-BGG456        |
|                                           |                                                   |                                                     | Microsemi Solutions Sdn Bhd. APA450-BGG456 |