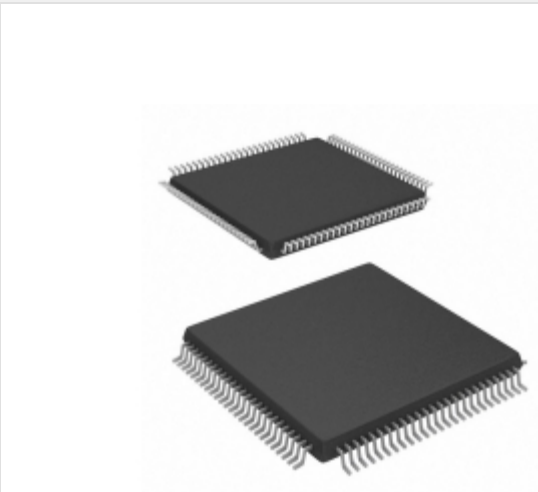


AT6003-2AI





Part Number: [AT6003-2AI](#)

Manufacturer [Micrel / Microchip Technology](#)

Description [IC FPGA 80 I/O 100VQFP](#)

Data sheet:  [AT6000\(LV\) Series](#)

RoHs Status: [Contains lead / RoHS non-compliant](#)

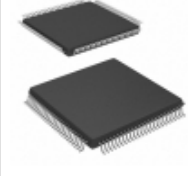
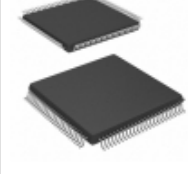
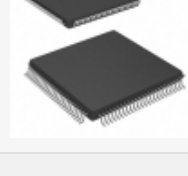
Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                  |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AT6003-2AI                                | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC FPGA 80 I/O 100VQFP                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5769 pcs                                  | Data sheet                       | <a href="#">AT6000(LV) Series</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 4.5 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100-TQFP (14x14)                          | Series                           | AT6000(LV)                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-TQFP                                  | Other Names                      | AT60032AI                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TC)                         | Number of Logic Elements/Cells   | 1600                                          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80                                        | Number of Gates                  | 9000                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Contains lead / RoHS non-compliant        | Base Part Number                 | AT6003                                        |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT6002LV-4AC</a><br>Description: IC FPGA 4NS 100VQFP              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-4QC</a><br>Description: IC FPGA 108 I/O 132QFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-2AC</a><br>Description: IC FPGA 80 I/O 100VQFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002ALV-4AC</a><br>Description: IC FPGA 4NS 144TQFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-4AC</a><br>Description: IC FPGA 80 I/O 100VQFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002A-2AC</a><br>Description: IC FPGA 95 I/O 144TQFP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002A-4AC</a><br>Description: IC FPGA 95 I/O 144TQFP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-2QI</a><br>Description: IC FPGA 108 I/O 132QFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002-4JC</a><br>Description: IC FPGA 64 I/O 84PLCC              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002A-2AI</a><br>Description: IC FPGA 95 I/O 144TQFP            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-2JI</a><br>Description: IC FPGA 64 I/O 84PLCC              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-2QC</a><br>Description: IC FPGA 108 I/O 132QFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-4QI</a><br>Description: IC FPGA 108 I/O 132QFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003A-2AC</a><br>Description: IC FPGA 120 I/O 144TQFP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-2JC</a><br>Description: IC FPGA 64 I/O 84PLCC              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002-4QC</a><br>Description: IC FPGA 96 I/O 132QFP              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-4JI</a><br>Description: IC FPGA 64 I/O 84PLCC              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002LV-4JC</a><br>Description: IC FPGA HP 4NS 6000 GATES 84PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6002A-4AI</a><br>Description: IC FPGA 6K GATE 4NS 144TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT6003-4AI</a><br>Description: IC FPGA 80 I/O 100VQFP             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                          |                                 |                                                   |                  |
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| Related keywords for <b>AT6003-2AI</b>   |                                 |                                                   |                  |
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