

AT40K10LV-3DQI





Part Number: [AT40K10LV-3DQI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC FPGA 161 I/O 208QFP

Data sheet:  [AT40K05,10,20,40\(LV\) Summary](#)  
 [AT40K05,10,20,40\(LV\)](#)

RoHs Status: Contains lead / RoHS non-compliant

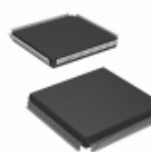
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | AT40K10LV-3DQI                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 161 I/O 208QFP                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 4521 pcs                                  | Data sheet                     | <a href="#">AT40K05,10,20,40(LV) Summary</a><br><a href="#">AT40K05,10,20,40(LV)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3 V ~ 3.6 V                                                                          |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                         | 4608                                      | Supplier Device Package        | 208-PQFP (28x28)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                 | AT40K/KLV                                 | Package / Case                 | 208-BFQFP                                                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                            | AT40K10LV3DQI                             | Operating Temperature          | -40°C ~ 85°C (TC)                                                                    |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                         | 576                                       | Number of I/O                  | 161                                                                                  |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                        | 20000                                     | Mounting Type                  | Surface Mount                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | AT40K10                                   |                                |                                                                                      |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT40K20-2CQC</a><br>Description: IC FPGA 20K GATES 160QFP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2BGC</a><br>Description: IC FPGA 20K GATES 352BGA         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10AL-1EQC</a><br>Description: IC FPGA 10K GATES 240QFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3AQI</a><br>Description: IC FPGA 3.3V 576 CELL 100-TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2AJC</a><br>Description: IC FPGA 62 I/O 84PLCC            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2BQI</a><br>Description: IC FPGA 114 I/O 144LQFP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3AJI</a><br>Description: IC FPGA 3.3V 576 CELL 84-PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3BQC</a><br>Description: IC FPGA 3.3V 576 CELL 144-LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3EQI</a><br>Description: IC FPGA 3.3V 576 CELL 240QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2AJI</a><br>Description: IC FPGA 62 I/O 84PLCC            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3DQC</a><br>Description: IC FPGA 3.3V 576 CELL 208QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3AQC</a><br>Description: IC FPGA 3.3V 576 CELL 100-TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3CQI</a><br>Description: IC FPGA 3.3V 576 CELL 160QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3BQI</a><br>Description: IC FPGA 3.3V 576 CELL 144-LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3CQC</a><br>Description: IC FPGA 3.3V 576 CELL 160QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2BQJ</a><br>Description: IC FPGA 114 I/O 144LQFP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3EQC</a><br>Description: IC FPGA 3.3V 576 CELL 240QFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K10LV-3AJC</a><br>Description: IC FPGA 3.3V 576 CELL 84-PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2AQC</a><br>Description: IC FPGA 78 I/O 100TQFP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT40K20-2BGI</a><br>Description: IC FPGA 289 I/O 352BGA           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for AT40K10LV-3DQI

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