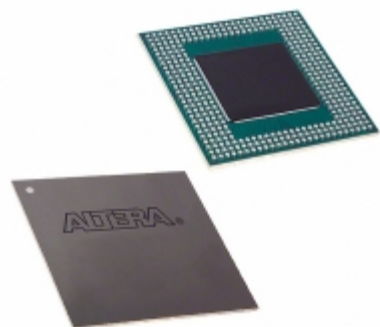


EPF10K50SBC356-1X





Part Number: [EPF10K50SBC356-1X](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 220 I/O 356BGA

Data sheet:  [356-BGA Pkg Info](#)  
 [FLEX 10KE Device Data Sheet](#)

RoHs Status: Lead free / RoHS Compliant

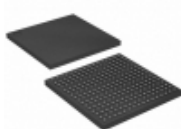
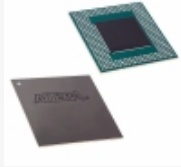
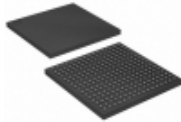
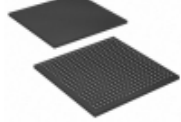
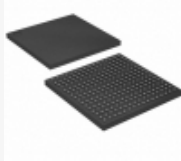
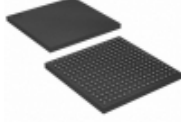
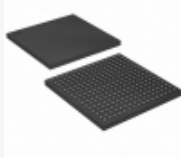
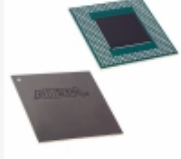
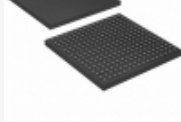
Ship From: Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EPF10K50SBC356-1X                         | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 220 I/O 356BGA                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5473 pcs                                  | Data sheet                     | <a href="#">356-BGA Pkg Info</a><br><a href="#">FLEX 10KE Device Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.375 V ~ 2.625 V                                                               |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40960                                     | Supplier Device Package        | 356-BGA (35x35)                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLEX-10KS®                                | Package / Case                 | 356-LBGA                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells | 2880                                                                            |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 360                                       | Number of I/O                  | 220                                                                             |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 199000                                    | Mounting Type                  | Surface Mount                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EPF10K50                                  |                                |                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EPF10K50SFC256-3</a><br>Description: IC FPGA 191 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-2X</a><br>Description: IC FPGA 220 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-2X</a><br>Description: IC FPGA 191 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-4</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ET1144-2N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RI240-4</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-1</a><br>Description: IC FPGA 220 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-3N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ET1144-2</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-2</a><br>Description: IC FPGA 191 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-1N</a><br>Description: IC FPGA 191 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-4N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-2</a><br>Description: IC FPGA 220 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-1</a><br>Description: IC FPGA 191 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RI240-4N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-1</a><br>Description: IC FPGA 220 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ET1144-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-3</a><br>Description: IC FPGA 220 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-3</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-1X</a><br>Description: IC FPGA 191 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

Related keywords for EPF10K50SBC356-1X

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