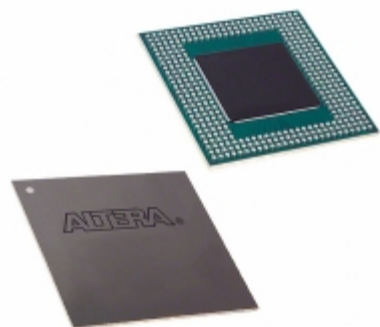


EPF10K30BC356-3





Part Number: [EPF10K30BC356-3](#)

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

Description: IC FPGA 246 I/O 356BGA

Data sheet:  [FLEX 10K](#)  
 [356-BGA Pkg Info](#)

RoHS Status: Lead free / RoHS Compliant

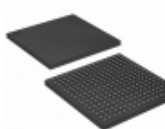
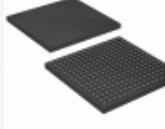
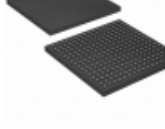
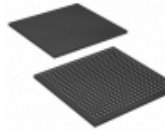
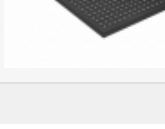
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy EPF10K30BC356-3 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                |                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EPF10K30BC356-3                           | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 246 I/O 356BGA                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4797 pcs                                  | Data sheet                     | <a href="#">FLEX 10K</a><br><a href="#">356-BGA Pkg Info</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 4.75 V ~ 5.25 V                                              |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12288                                     | Supplier Device Package        | 356-BGA (35x35)                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FLEX-10K®                                 | Package / Case                 | 356-LBGA                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells | 1728                                                         |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 216                                       | Number of I/O                  | 246                                                          |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 69000                                     | Mounting Type                  | Surface Mount                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EPF10K30                                  |                                |                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EPF10K30EFC256-2</a><br>Description: IC FPGA 176 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-1X</a><br>Description: IC FPGA 176 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-3</a><br>Description: IC FPGA 176 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-2N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-1</a><br>Description: IC FPGA 176 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-2</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30AT1144-3</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC484-1</a><br>Description: IC FPGA 220 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30BC356-4</a><br>Description: IC FPGA 246 I/O 356BGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-2X</a><br>Description: IC FPGA 176 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-1N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30AT1144-2N</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-3</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC484-1X</a><br>Description: IC FPGA 220 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30AQ1240-3N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30AT1144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30ATC144-1</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-3N</a><br>Description: IC FPGA 176 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K30EFC256-2N</a><br>Description: IC FPGA 176 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                              |                                              |                           |                                              |
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