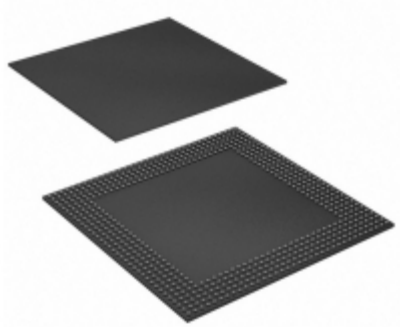


EPF10K130EBC600-2X





**Part Number:** [EPF10K130EBC600-2X](#)

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

**Description:** IC FPGA 424 I/O 600BGA

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

**RoHs Status:** Lead free / RoHS Compliant

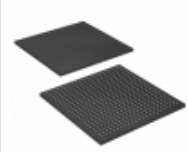
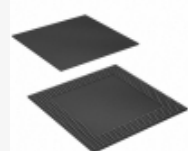
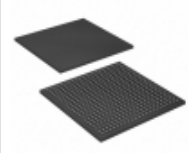
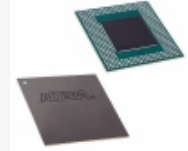
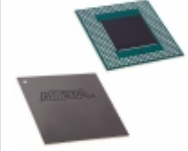
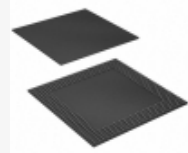
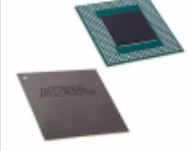
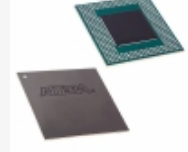
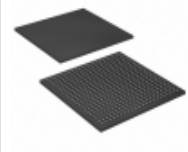
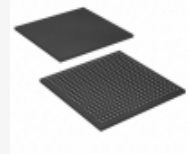
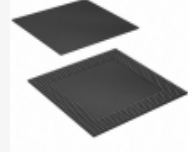
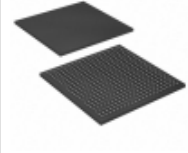
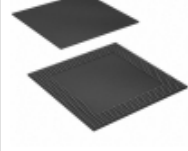
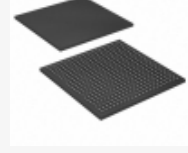
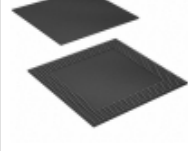
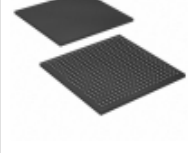
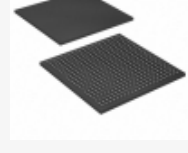
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EPF10K130EBC600-2X                        | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC FPGA 424 I/O 600BGA                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4262 pcs                                  | Data sheet                     | <a href="#">FLEX 10K</a><br><a href="#">600-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65536                                     | Supplier Device Package        | 600-BGA (45x45)                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FLEX-10KE®                                | Package / Case                 | 600-BGA                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells | 6656                                                                                                        |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 832                                       | Number of I/O                  | 424                                                                                                         |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 342000                                    | Mounting Type                  | Surface Mount                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EPF10K130                                 |                                |                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                                             |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EPF10K130EFC484-2</a><br>Description: IC FPGA 369 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC600-2</a><br>Description: IC FPGA 424 I/O 600BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-1X</a><br>Description: IC FPGA 369 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC356-2X</a><br>Description: IC FPGA 274 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC356-3</a><br>Description: IC FPGA 274 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC600-1E</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBI356-2</a><br>Description: IC FPGA 274 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC356-2</a><br>Description: IC FPGA 274 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-1N</a><br>Description: IC FPGA 369 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-3N</a><br>Description: IC FPGA 369 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC356-1X</a><br>Description: IC FPGA 274 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC600-1</a><br>Description: IC FPGA 424 I/O 600BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-2X</a><br>Description: IC FPGA 369 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10T1144-4N</a><br>Description: IC FPGA 102 I/O 144TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC600-3</a><br>Description: IC FPGA 424 I/O 600BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-1</a><br>Description: IC FPGA 369 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC600-1X</a><br>Description: IC FPGA 424 I/O 600BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EBC356-1</a><br>Description: IC FPGA 274 I/O 356BGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-3</a><br>Description: IC FPGA 369 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K130EFC484-2N</a><br>Description: IC FPGA 369 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

|                                                |                                              |                              |                                              |
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