

10AX016E3F2911HG





Part Number: 10AX016E3F2911HG

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 288 I/O 780FBGA

Data sheet:  [Arria 10 Device Datasheet](#)  
 [Arria 10 Device Overview](#)

RoHs Status: Lead free / RoHS Compliant

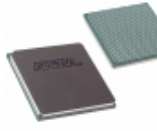
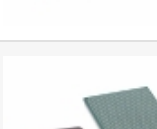
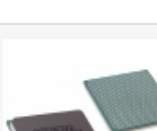
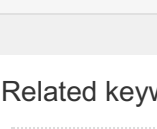
Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10AX016E3F2911HG                          | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 288 I/O 780FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 130 pcs                                   | Data sheet                       | <a href="#">Arria 10 Device Datasheet</a><br><a href="#">Arria 10 Device Overview</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.98 V                                                                       |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10086400                                  | Supplier Device Package          | 780-FBGA (29x29)                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Arria 10 GX                               | Package / Case                   | 780-BBGA, FCBGA                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 160000                                                                                |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 61510                                     | Number of I/O                    | 288                                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                |                                  |                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">10AX016E3F2711HG</a><br>Description: IC FPGA 240 I/O 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX016E3F27E2SG</a><br>Description: IC FPGA 240 I/O 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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