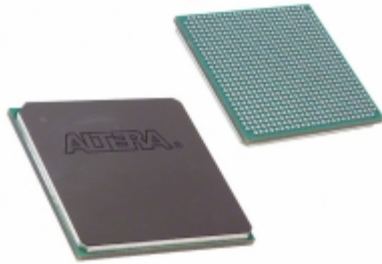


10AX027E1F27E1HG





Part Number: 10AX027E1F27E1HG

Manufacturer Intel® FPGAs

Description IC FPGA 240 I/O 672FBGA

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

RoHs Status: Lead free / RoHS Compliant

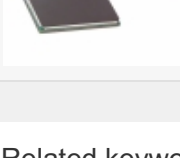
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10AX027E1F27E1HG                          | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 240 I/O 672FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 78 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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 17870848                                  | Supplier Device Package          | 672-FBGA (27x27)                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | Arria 10 GX                               | Package / Case                   | 672-BBGA                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 100°C (TJ)                          | Number of Logic Elements/Cells   | 270000                                                                                |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                 | 101620                                    | Number of I/O                    | 240                                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                |                                  |                                                                                       |
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|  | Part#: <a href="#">10AX022E4F27E3SG</a><br>Description: 672-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E4F29E3LG</a><br>Description: 780-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX027E1F29E1HG</a><br>Description: IC FPGA 360 I/O 780FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E3F29I2SG</a><br>Description: 780-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E4F29I3SG</a><br>Description: 780-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E4F27I3SG</a><br>Description: 672-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E4F29E3SG</a><br>Description: 780-PIN FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX027E2F27E1HG</a><br>Description: IC FPGA 240 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AX027E1F29I1SG</a><br>Description: IC FPGA 360 I/O 780FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX022E3F29I2LG</a><br>Description: 780-PIN FBGA            | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
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