

10AX057K1F4011HG



Part Number: 10AX057K1F4011HG

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 696 I/O 1517FCBGA

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10AX057K1F4011HG                          | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 696 I/O 1517FCBGA                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 42082304                                  | Supplier Device Package          | 1517-FBGA (40x40)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Arria 10 GX                               | Package / Case                   | 1517-BBGA, FCBGA                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 570000                                                                                |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 217080                                    | Number of I/O                    | 696                                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                |                                  |                                                                                       |
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