

10AX048H1F34E1SG



**Part Number:** 10AX048H1F34E1SG

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

**Description:** IC FPGA 492 I/O 1152FCBGA

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10AX048H1F34E1SG                          | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 492 I/O 1152FCBGA                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4931 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5664768                                   | Supplier Device Package          | 1152-FBGA (35x35)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Arria 10 GX                               | Package / Case                   | 1152-BBGA, FCBGA                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 100°C (TJ)                          | Number of Logic Elements/Cells   | 480000                                                                                |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 183590                                    | Number of I/O                    | 492                                                                                   |
| 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="#">10AX048E3F29I2LG</a><br>Description: 780-PIN FBGA              | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX048H2F34E2LG</a><br>Description: 1152-PIN FBGA             | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX048H2F34I1SG</a><br>Description: IC FPGA 492 I/O 1152FCBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">10AX048E4F29E3SG</a><br>Description: 780-PIN FBGA              | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AX048H2F34I1HG</a><br>Description: IC FPGA 492 I/O 1152FCBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AX048H2F34E1HG</a><br>Description: IC FPGA 492 I/O 1152FCBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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