

10AX115R4F40I4SGES



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**Part Number:** 10AX115R4F40I4SGES

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

**Description:** IC FPGA 342 I/O 1517FCBGA

**Data sheet:**  [Arria 10 Device Overview](#)  
 [Arria 10 Device Datasheet](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Arria 10 Device Overview](#)

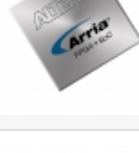
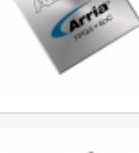
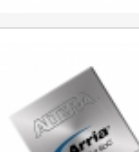
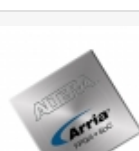
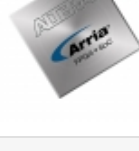
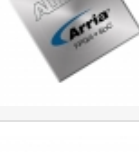
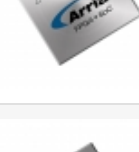
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10AX115R4F40I4SGES                        | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC FPGA 342 I/O 1517FCBGA                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4805 pcs                                  | Data sheet                       | <a href="#">Arria 10 Device Overview</a><br><a href="#">Arria 10 Device Datasheet</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Arria 10 Device Overview</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.93 V                                                                                                                                                                          |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 68857856                                  | Supplier Device Package          | 1517-FCBGA (40x40)                                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Arria 10 GX                               | Package / Case                   | 1517-BBGA, FCBGA                                                                                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 1150000                                                                                                                                                                                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 427200                                    | Number of I/O                    | 342                                                                                                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                |                                  |                                                                                                                                                                                          |
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