



Altera (Intel® Programmable Solutions Group)



10AX090S1F45E1SG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AX090S1F45E1SG                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 624 I/O 1932FCBGA                                                                                    |
|                     |  1.10AX090S1F45E1SG.pdf     |
|                     |  2.10AX090S1F45E1SG.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 10AX090S1F45E1SG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AX090S1F45E1SG                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 624 I/O 1932FCBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.10AX090S1F45E1SG.pdf<br> 2.10AX090S1F45E1SG.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.98 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 59234304                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                                                    |
| SERIES                           | Arria 10 GX                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 900000                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 339620                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 624                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |

Related Tags

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| 10AX090S1F45E1SG Price                                        | 10AX090S1F45E1SG Pictures                             | 10AX090S1F45E1SG Image                                            |
| 10AX090S1F45E1SG PDF Datasheet                                | 10AX090S1F45E1SG Download Datasheet                   | 10AX090S1F45E1SG Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>10AX090S2F45I2LG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>10AX090S2F45E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
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|  <div><b>10AX090R3F40I2SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 342 I/O 1517FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>10AX090R3F40I2LG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 342 I/O 1517FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>10AX090R4F40I3SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 342 I/O 1517FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>10AX090S1F45I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
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