



Altera (Intel® Programmable

Solutions Group)



10AX090S4F45E3LG

Part Number: 10AX090S4F45E3LG

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 624 I/O 1932FCBGA

Datasheets: [1.10AX090S4F45E3LG.pdf](#)  
[2.10AX090S4F45E3LG.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of 10AX090S4F45E3LG

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | 10AX090S4F45E3LG                                                                 |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                     |
| DESCRIPTION                      | IC FPGA 624 I/O 1932FCBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | <a href="#">1.10AX090S4F45E3LG.pdf</a><br><a href="#">2.10AX090S4F45E3LG.pdf</a> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 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)                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |

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