

10AT090S2F45E2SG



Part Number: 10AT090S2F45E2SG

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: 1932-PIN FBGA

Data sheet:  [Arria 10 Device Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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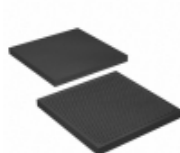
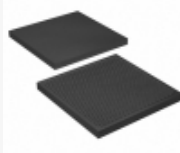
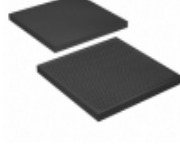
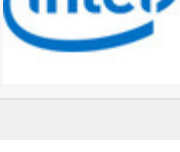
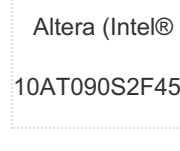
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| PRODUCT PARAMETER              |                                           |                                  |                                                              |
|--------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                    | 10AT090S2F45E2SG                          | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a> |
| Description                    | 1932-PIN FBGA                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available             | 8 pcs                                     | Data sheet                       | <a href="#">Arria 10 Device Datasheet</a>                    |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.93 V                                              |
| Total RAM Bits                 | 59234304                                  | Supplier Device Package          | 1932-FBGA, FC (45x45)                                        |
| Series                         | Arria 10 GT                               | 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                |                                  |                                                              |

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|  | Part#: <a href="#">10AS066N3F40E2SG</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AS066N3F40I2SGES</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AS066N4F40E3SG</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AS066N3F40I2SG</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N2F40E2SGE2</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N3F40E2SGES</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115S2F45E2SG</a><br>Description: 1932-PIN FBGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N2F40E2SGES</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AS066N4F40I3LG</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N4F40E3SGES</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N4F40E4SGES</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AT115N4F40E3SGE2</a><br>Description: IC FPGA 600 I/O 1517FCBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10AS066N4F40E3LG</a><br>Description: IC SOC FPGA 588 I/O 1517FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
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|  | Part#: <a href="#">10AT115S1F45E1SG</a><br>Description: 1932-PIN FBGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

| Related keywords for 10AT090S2F45E2SG |                                              |                                              |                                              |
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