



Altera (Intel® Programmable

Solutions Group)

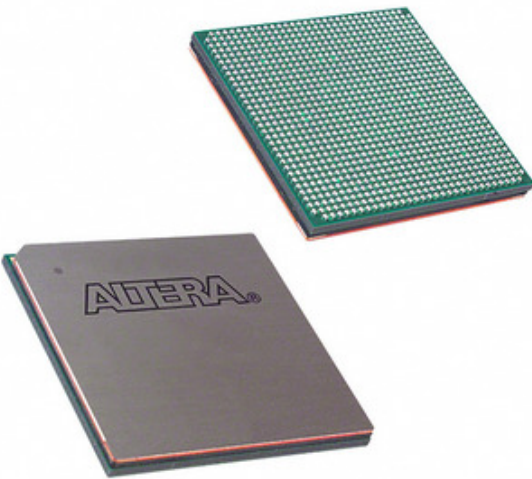


Image may be representation. See specifications for product details.

Part Number:EP1SGX40GF1020C7

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

Product description:IC FPGA 624 I/O 1020FBGA

1.EP1SGX40GF1020C7.pdf

2.EP1SGX40GF1020C7.pdf

3.EP1SGX40GF1020C7.pdf

4.EP1SGX40GF1020C7.pdf

Datasheets:

RoHs Status

Contains lead / RoHS non-compliant

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

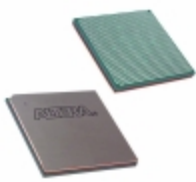
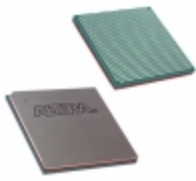
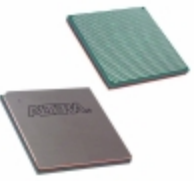
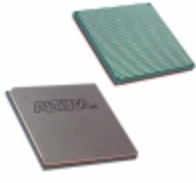
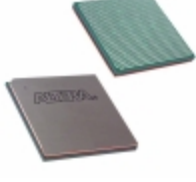
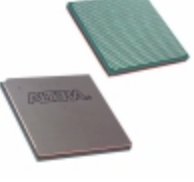
Specifications of EP1SGX40GF1020C7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1SGX40GF1020C7                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 624 I/O 1020FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div>1.EP1SGX40GF1020C7.pdf</div> <div>2.EP1SGX40GF1020C7.pdf</div> <div>3.EP1SGX40GF1020C7.pdf</div> <div>4.EP1SGX40GF1020C7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| TOTAL RAM BITS                   | 3423744                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 1020-FBGA (33x33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | Stratix® GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 1020-BBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 41250                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 4125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 624                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | EP1SGX40                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP1SGX40GF1020C7 | EP1SGX40GF1020C7 Distributor                          | EP1SGX40GF1020C7 Supplier                                         |
| EP1SGX40GF1020C7 Price                                        | EP1SGX40GF1020C7 Pictures                             | EP1SGX40GF1020C7 Image                                            |
| EP1SGX40GF1020C7 PDF Datasheet                                | EP1SGX40GF1020C7 Download Datasheet                   | EP1SGX40GF1020C7 Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP1SGX40GF1020C7 | Altera EP1SGX40GF1020C7                               | Altera (Intel® Programmable Solutions Group) EP1SGX40GF1020C7     |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP1SGX40GF1020C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div>EP1SGX40GF1020I6NA</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>            |
| <div></div> <div>EP1SGX40GF1020I6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP1SGX40GF1020C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP1SGX40GF1020C6B</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>            | <div></div> <div>EP1SGX40GF1020C6BN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>            |
| <div></div> <div>EP1SGX40GF1020C6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP1SGX40GF1020I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP1SGX40GF1020C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP1SGX40GF1020C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 624 I/O 1020FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP1W100RJ</div> <div>Manufacturers: AMP Connectors / TE Connectivity</div> <div>Description: RES 100 OHM 1W 5% AXIAL</div> <div>In stock: Out stock</div> <div>RFQ</div>                     | <div></div> <div>EP1W10RJ</div> <div>Manufacturers: AMP Connectors / TE Connectivity</div> <div>Description: RES 10 OHM 1W 5% AXIAL</div> <div>In stock: Out stock</div> <div>RFQ</div>                        |