



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

EP4SGX230KF40I3

Part Number:

EP4SGX230KF40I3

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC FPGA 744 I/O 1517FBGA

PDF

1.EP4SGX230KF40I3.pdf

PDF

2.EP4SGX230KF40I3.pdf

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3.EP4SGX230KF40I3.pdf

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6.EP4SGX230KF40I3.pdf

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Datasheets:

RoHs Status

RoHS

Contains lead / RoHS non-compliant

Stock Condition

9 pcs stock

Ship From

Hong Kong

REQUEST FOR QUOTATION

by Air/Sea/Express/TNT/UPS/EMS

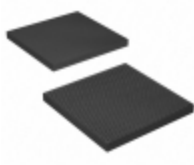
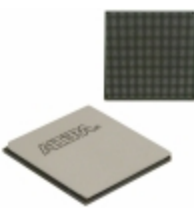
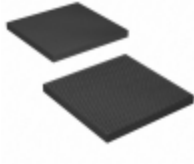
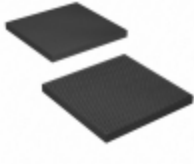
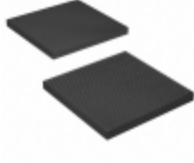
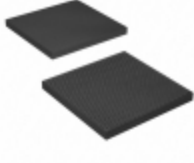
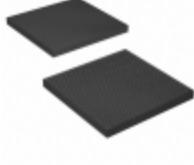
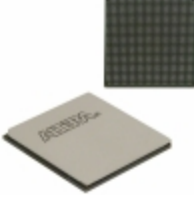
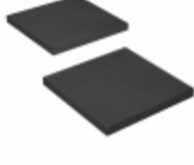
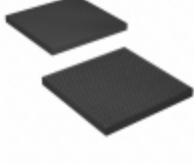
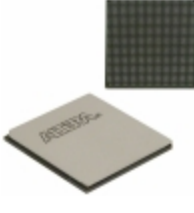
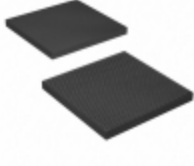
Specifications of EP4SGX230KF40I3

|                                  |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX230KF40I3                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 744 I/O 1517FBGA                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 9 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div><div>PDF</div>1.EP4SGX230KF40I3.pdf<div><div>PDF</div>2.EP4SGX230KF40I3.pdf<div><div>PDF</div>3.EP4SGX230KF40I3.pdf<div><div>PDF</div>4.EP4SGX230KF40I3.pdf<div><div>PDF</div>5.EP4SGX230KF40I3.pdf<div><div>PDF</div>6.EP4SGX230KF40I3.pdf<div><div>PDF</div>7.EP4SGX230KF40I3.pdf</div></div></div></div></div></div></div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                    |
| TOTAL RAM BITS                   | 17544192                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | Stratix® IV GX                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 228000                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF LABS/CLBS              | 9120                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 744                                                                                                                                                                                                                                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | EP4SGX230                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4SGX230KF40I3 | EP4SGX230KF40I3 Distributor                           | EP4SGX230KF40I3 Supplier                                         |
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Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP4SGX230KF40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EP4SGX290FF35C2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: 10 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EP4SGX230KF40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 15 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EP4SGX230KF40C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 16 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP4SGX230KF40C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 13 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>EP4SGX230KF40C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 17 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EP4SGX230KF40I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 14 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>EP4SGX290FF35C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: 11 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP4SGX230KF40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EP4SGX230KF40C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 12 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP4SGX290FF35C2XN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: 11 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EP4SGX230KF40I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: 15 pcs<br/><div>RFQ</div></div> |

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CNAS

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UL

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RoHS