



Altera (Intel® Programmable Solutions Group)

Solutions Group)

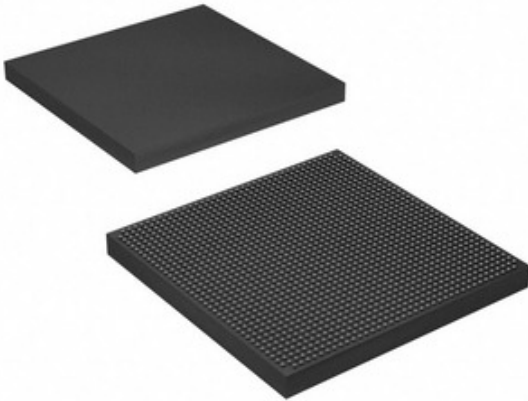


Image may be representation. See specifications for product details.

EP4S100G2F40I2

|                     |                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4S100G2F40I2                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                             |
| Product description | IC FPGA 654 I/O 1517FBGA <div><a href="#">PDF</a> 1.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 2.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 3.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 4.EP4S100G2F40I2.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                          |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

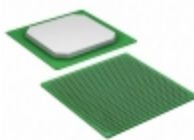
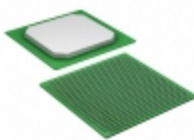
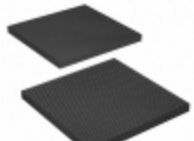
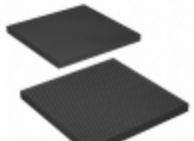
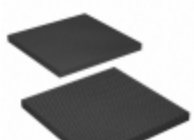
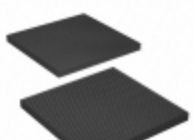
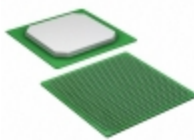
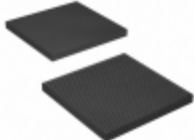
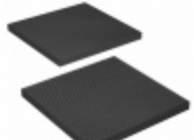
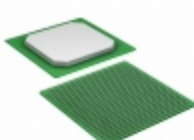
Specifications of EP4S100G2F40I2

|                                  |                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4S100G2F40I2                                                                                                                                                                                                  |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 654 I/O 1517FBGA                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                              |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 2.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 3.EP4S100G2F40I2.pdf</div> <div><a href="#">PDF</a> 4.EP4S100G2F40I2.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.92 V ~ 0.98 V                                                                                                                                                                                                 |
| TOTAL RAM BITS                   | 17544192                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                               |
| SERIES                           | STRATIX® IV GT                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 228000                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 9120                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 654                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                              |
| BASE PART NUMBER                 | EP4S100G2                                                                                                                                                                                                       |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4S100G2F40I2 | EP4S100G2F40I2 Distributor                            | EP4S100G2F40I2 Supplier                                         |
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| EP4S100G2F40I2 PDF Datasheet                                | EP4S100G2F40I2 Download Datasheet                     | EP4S100G2F40I2 Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
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| <div><div><b>EP4CGX75DF27I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>                                   | <div><div><b>EP4CGX75DF27I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>                                  |
| <div><div><b>EP4S100G3F45I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>EP4S100G3F45I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  |
| <div><div><b>EP4S100G3F45I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>EP4S100G3F45I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  |
| <div><div><b>EP4CGX75DF27C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>                                   | <div><div><b>EP4S100G2F40I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>EP4S100G3F45I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>EP4CGX75DF27C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>                                  |
| <div><div><b>EP4S100G2F40I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>EP4S100G2F40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> |