



Altera (Intel® Programmable Solutions Group)

Solutions Group)

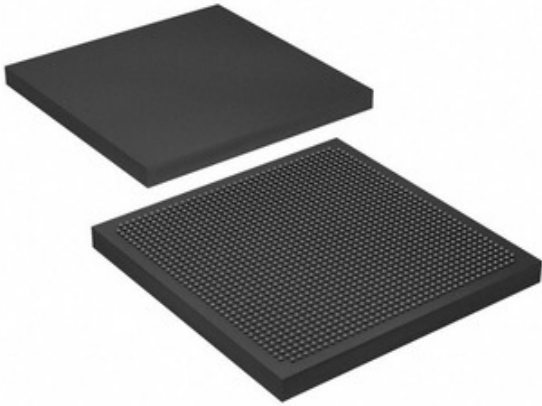


Image may be representation. See specifications for product details.

EP4S40G5H40I2

|                     |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4S40G5H40I2                                                                                                                                                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                  |
| Product description | IC FPGA 654 I/O 1517HBGA <div><a href="#">PDF</a> 1.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 2.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 3.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 4.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 5.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 6.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 7.EP4S40G5H40I2.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                               |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

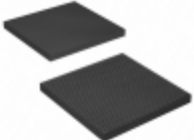
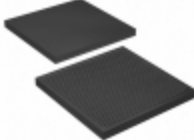
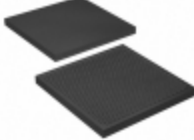
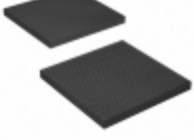
Specifications of EP4S40G5H40I2

|                                  |                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4S40G5H40I2                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 654 I/O 1517HBGA                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 2.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 3.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 4.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 5.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 6.EP4S40G5H40I2.pdf</div> <div><a href="#">PDF</a> 7.EP4S40G5H40I2.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.92 V ~ 0.98 V                                                                                                                                                                                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 28033024                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 1517-HBGA (42.5x42.5)                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | STRATIX® IV GT                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 531200                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 21248                                                                                                                                                                                                                                                                                                                                                                |
| 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                 | EP4S40G5                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4S40G5H40I2 | EP4S40G5H40I2 Distributor                             | EP4S40G5H40I2 Supplier                                         |
| EP4S40G5H40I2 Price                                        | EP4S40G5H40I2 Pictures                                | EP4S40G5H40I2 Image                                            |
| EP4S40G5H40I2 PDF Datasheet                                | EP4S40G5H40I2 Download Datasheet                      | EP4S40G5H40I2 Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP4S40G5H40I2 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor       |
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Related Products

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| <div></div> <div><b>EP4SE230F29C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EP4S40G2F40I3</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>EP4S40G2F40I2N</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>EP4SE230F29C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>     |
| <div></div> <div><b>EP4S40G5H40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4S40G5H40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>EP4S40G5H40I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4S40G5H40C2ES1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EP4S40G5H40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EP4SE230F29C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>     |
| <div></div> <div><b>EP4S40G5H40I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EP4S40G2F40I3N</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>   |