



Altera (Intel® Programmable

Solutions Group)

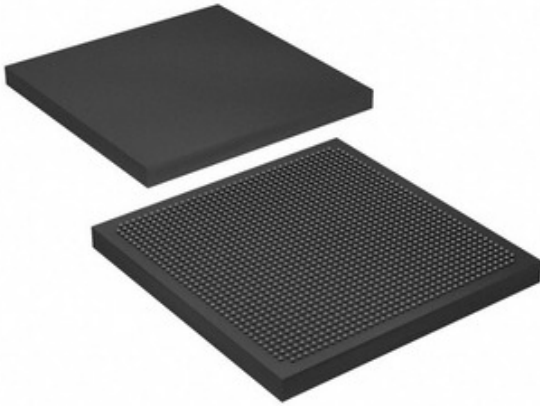


Image may be representation. See specifications for product details.

EP4S100G5H40I1N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4S100G5H40I1N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product description | IC FPGA 654 I/O 1517HBGA <div> 1.EP4S100G5H40I1N.pdf</div> <div> 2.EP4S100G5H40I1N.pdf</div> <div> 3.EP4S100G5H40I1N.pdf</div> <div> 4.EP4S100G5H40I1N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

REQUEST FOR QUOTATION

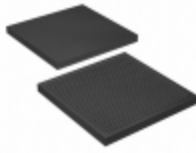
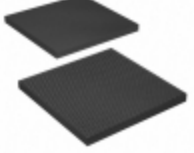
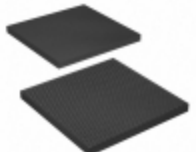
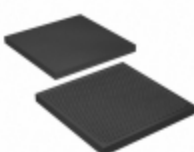
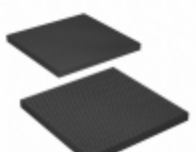
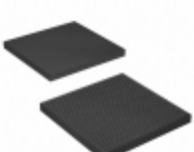
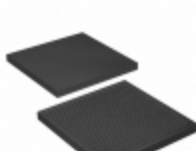
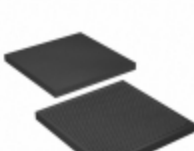
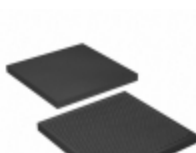
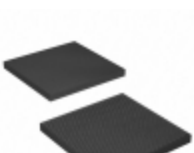
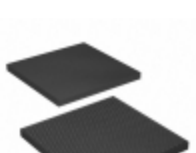
Specifications of EP4S100G5H40I1N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4S100G5H40I1N                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 654 I/O 1517HBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div> 1.EP4S100G5H40I1N.pdf</div> <div> 2.EP4S100G5H40I1N.pdf</div> <div> 3.EP4S100G5H40I1N.pdf</div> <div> 4.EP4S100G5H40I1N.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   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | EP4S100G5                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4S100G5H40I1N | EP4S100G5H40I1N Distributor                           | EP4S100G5H40I1N Supplier                                         |
| EP4S100G5H40I1N Price                                        | EP4S100G5H40I1N Pictures                              | EP4S100G5H40I1N Image                                            |
| EP4S100G5H40I1N PDF Datasheet                                | EP4S100G5H40I1N Download Datasheet                    | EP4S100G5H40I1N Datasheet                                        |
| EP4S100G5H40I1N Stock                                        | Buy EP4S100G5H40I1N                                   | Buy Altera (Intel® Programmable Solutions Group) EP4S100G5H40I1N |
| Altera (Intel® Programmable Solutions Group) EP4S100G5H40I1N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP4S100G5H40I1N | Altera EP4S100G5H40I1N                                | Altera (Intel® Programmable Solutions Group) EP4S100G5H40I1N     |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4S100G5H40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP4S100G5F45I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP4S100G5F45I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP4S100G5H40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP4S100G5F45I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP4S40G2F40I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>EP4S100G5H40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP4S100G5H40I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP4S100G5H40I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP4S40G2F40I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP4S100G5F45I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP4S100G5F45I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 781 I/O 1932FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |