



Altera (Intel® Programmable Solutions Group)

Solutions Group)



|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4S40G2F40I1N                                                                                                                                                                                                   |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                     |
| Product description | IC FPGA 654 I/O 1517FBGA <div><div>PDF</div>1.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>2.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>3.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>4.EP4S40G2F40I1N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                  |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                |
| Stock Condition     | 8 pcs stock                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                            |

REQUEST FOR QUOTATION

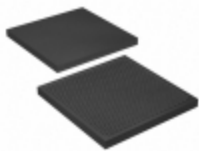
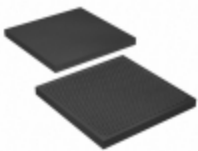
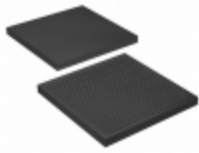
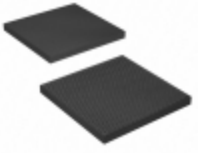
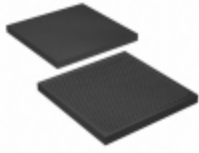
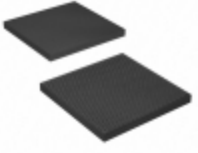
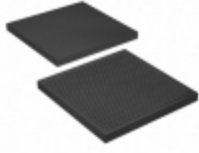
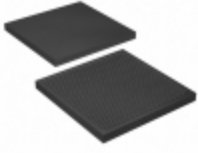
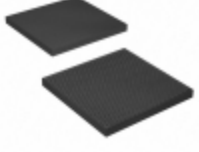
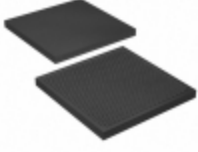
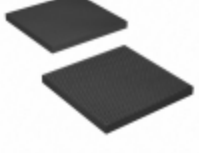
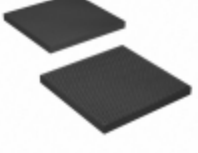
Specifications of EP4S40G2F40I1N

|                                  |                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4S40G2F40I1N                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 654 I/O 1517FBGA                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                              |
| QUANTITY AVAILABLE               | 8 pcs                                                                                                                                                                                   |
| DATA SHEET                       | <div><div>PDF</div>1.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>2.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>3.EP4S40G2F40I1N.pdf</div> <div><div>PDF</div>4.EP4S40G2F40I1N.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   | Lead free / RoHS Compliant                                                                                                                                                              |
| BASE PART NUMBER                 | EP4S40G2                                                                                                                                                                                |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4S40G2F40I1N | EP4S40G2F40I1N Distributor                            | EP4S40G2F40I1N Supplier                                         |
| EP4S40G2F40I1N Price                                        | EP4S40G2F40I1N Pictures                               | EP4S40G2F40I1N Image                                            |
| EP4S40G2F40I1N PDF Datasheet                                | EP4S40G2F40I1N Download Datasheet                     | EP4S40G2F40I1N Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP4S40G2F40I1N | Altera EP4S40G2F40I1N                                 | Altera (Intel® Programmable Solutions Group) EP4S40G2F40I1N     |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>EP4S100G5H40I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: 5 pcs</div><div>RFQ</div></div>      | <div><div><b>EP4S100G5H40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: 7 pcs</div><div>RFQ</div></div>  |
| <div><div><b>EP4S100G5H40I1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: 5 pcs</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: 9 pcs</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: 4 pcs</div><div>RFQ</div></div>       | <div><div><b>EP4S40G2F40I1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: 6 pcs</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: 4232 pcs</div><div>RFQ</div></div> | <div><div><b>EP4S100G5H40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: 6 pcs</div><div>RFQ</div></div> |
| <div><div><b>EP4S40G2F40I2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517FBGA<br/>In stock: 9 pcs</div><div>RFQ</div></div>       | <div><div><b>EP4S100G5H40I2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 654 I/O 1517HBGA<br/>In stock: 6 pcs</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: 8 pcs</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: 10 pcs</div><div>RFQ</div></div> |