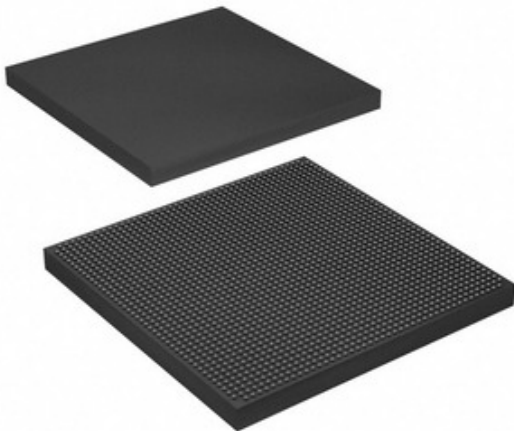




Altera (Intel® Programmable

Solutions Group)



EP4S100G4F45I1N

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4S100G4F45I1N                                                                                                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                         |
| Product description | IC FPGA 781 I/O 1932FBGA <div><div>PDF</div>1.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>2.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>3.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>4.EP4S100G4F45I1N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                      |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                    |
| Stock Condition     | 6 pcs stock                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

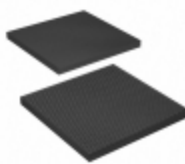
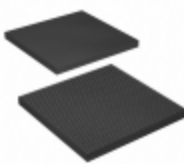
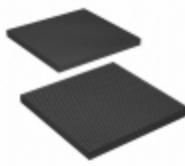
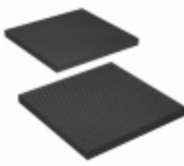
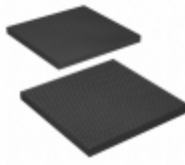
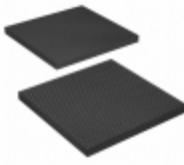
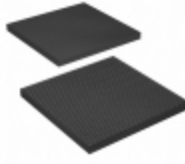
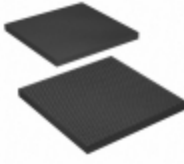
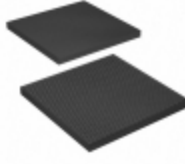
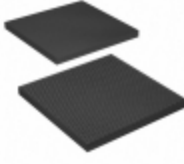
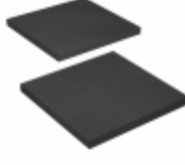
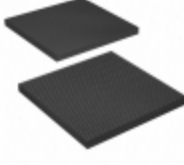
Specifications of EP4S100G4F45I1N

|                                  |                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4S100G4F45I1N                                                                                                                                                                             |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 781 I/O 1932FBGA                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 6 pcs                                                                                                                                                                                       |
| DATA SHEET                       | <div><div>PDF</div>1.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>2.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>3.EP4S100G4F45I1N.pdf</div> <div><div>PDF</div>4.EP4S100G4F45I1N.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.92 V ~ 0.98 V                                                                                                                                                                             |
| TOTAL RAM BITS                   | 23105536                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                       |
| SERIES                           | STRATIX® IV GT                                                                                                                                                                              |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 353600                                                                                                                                                                                      |
| NUMBER OF LABS/CLBS              | 14144                                                                                                                                                                                       |
| NUMBER OF I/O                    | 781                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                  |
| BASE PART NUMBER                 | EP4S100G4                                                                                                                                                                                   |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4S100G4F45I1N | EP4S100G4F45I1N Distributor                           | EP4S100G4F45I1N Supplier                                         |
| EP4S100G4F45I1N Price                                        | EP4S100G4F45I1N Pictures                              | EP4S100G4F45I1N Image                                            |
| EP4S100G4F45I1N PDF Datasheet                                | EP4S100G4F45I1N Download Datasheet                    | EP4S100G4F45I1N Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP4S100G4F45I1N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP4S100G4F45I1N | Altera EP4S100G4F45I1N                                | Altera (Intel® Programmable Solutions Group) EP4S100G4F45I1N     |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP4S100G4F45I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 6 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4S100G3F45I2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 6 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4S100G4F45I1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 5 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4S100G3F45I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 6 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4S100G3F45I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4S100G4F45I2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 5 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4S100G4F45I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 5 pcs</div> <div>RFQ</div> | <div></div> <div>EP4S100G5F45I1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 4 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4S100G3F45I1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 5 pcs</div> <div>RFQ</div> | <div></div> <div>EP4S100G4F45I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4S100G5F45I1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 4 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4S100G3F45I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 781 I/O 1932FBGA</div> <div>In stock: 7 pcs</div> <div>RFQ</div> |