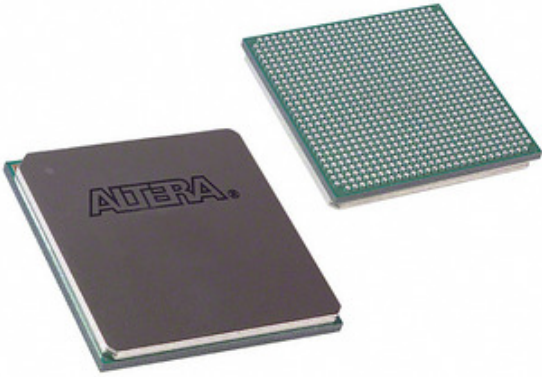




Altera (Intel® Programmable





EP1AGX50DF780I6N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1AGX50DF780I6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 350 I/O 780FBGA <div> 1.EP1AGX50DF780I6N.pdf</div> <div> 2.EP1AGX50DF780I6N.pdf</div> <div> 3.EP1AGX50DF780I6N.pdf</div> <div> 4.EP1AGX50DF780I6N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                            |
| Stock Condition     | 139 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

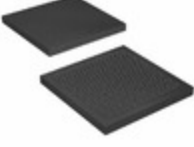
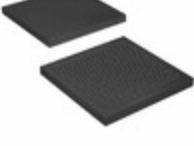
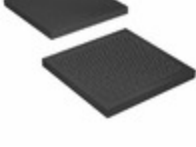
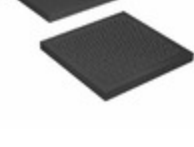
Specifications of EP1AGX50DF780I6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1AGX50DF780I6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 350 I/O 780FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 139 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div> 1.EP1AGX50DF780I6N.pdf</div> <div> 2.EP1AGX50DF780I6N.pdf</div> <div> 3.EP1AGX50DF780I6N.pdf</div> <div> 4.EP1AGX50DF780I6N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 2475072                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Arria GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 780-BBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-2383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 50160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 2508                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | EP1AGX50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                                  |                                                       |                                                                      |
|------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP1AGX50DF780I6N | EP1AGX50DF780I6N Distributor                          | EP1AGX50DF780I6N Supplier                                            |
| EP1AGX50DF780I6N Price                                           | EP1AGX50DF780I6N Pictures                             | EP1AGX50DF780I6N Image                                               |
| EP1AGX50DF780I6N PDF Datasheet                                   | EP1AGX50DF780I6N Download Datasheet                   | EP1AGX50DF780I6N Datasheet                                           |
| EP1AGX50DF780I6N Stock                                           | Buy EP1AGX50DF780I6N                                  | Buy Altera (Intel® Programmable Solutions Group)<br>EP1AGX50DF780I6N |
| Altera (Intel® Programmable Solutions Group)<br>EP1AGX50DF780I6N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor             |
| Altera (Intel® Programmable Solutions Group)<br>EP1AGX50DF780I6N | Altera EP1AGX50DF780I6N                               | Altera (Intel® Programmable Solutions Group)<br>EP1AGX50DF780I6N     |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP1AGX50DF780C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 350 I/O 780FBGA</div> <div>In stock: 204 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1AGX60DF780C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 350 I/O 780FBGA</div> <div>In stock: 143 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>EP1AGX50CF484I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 229 I/O 484FBGA</div> <div>In stock: 173 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1AGX60EF1152I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 514 I/O 1152FBGA</div> <div>In stock: 126 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP1AGX50DF780C6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 350 I/O 780FBGA</div> <div>In stock: 166 pcs</div> <div>RFQ</div>    | <div></div> <div>EP1AGX50DF1152I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 514 I/O 1152FBGA</div> <div>In stock: 147 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP1AGX60EF1152C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 514 I/O 1152FBGA</div> <div>In stock: 115 pcs</div> <div>RFQ</div> | <div></div> <div>EP1AGX60DF780I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 350 I/O 780FBGA</div> <div>In stock: 132 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP1AGX50DF780I6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 350 I/O 780FBGA</div> <div>In stock: 168 pcs</div> <div>RFQ</div>    | <div></div> <div>EP1AGX60CF484I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 229 I/O 484FBGA</div> <div>In stock: 184 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP1AGX60CF484C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 229 I/O 484FBGA</div> <div>In stock: 212 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1AGX50DF1152C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 514 I/O 1152FBGA</div> <div>In stock: 153 pcs</div> <div>RFQ</div> |