



Altera (Intel® Programmable

Solutions Group)

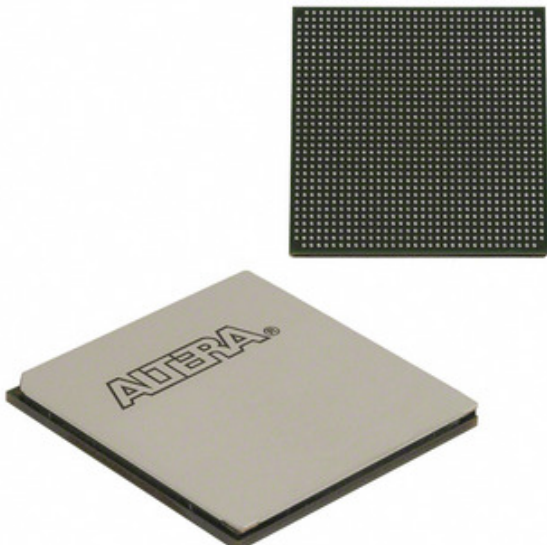


Image may be representation. See specifications for product details.

5CGTFD9E5F35I7N

|                     |                                                                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CGTFD9E5F35I7N                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                      |
| Product description | IC FPGA 560 I/O 1152FBGA <div><a href="#">PDF</a> 1.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 2.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 3.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 4.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 5.5CGTFD9E5F35I7N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

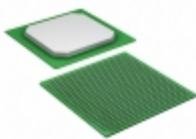
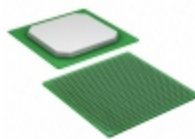
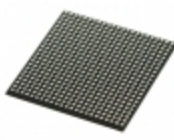
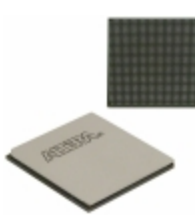
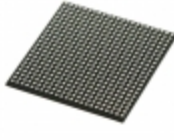
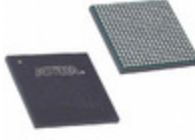
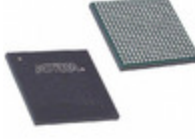
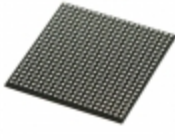
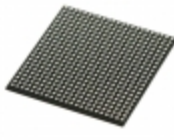
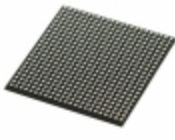
Specifications of 5CGTFD9E5F35I7N

|                                  |                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CGTFD9E5F35I7N                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 560 I/O 1152FBGA                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                               |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 2.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 3.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 4.5CGTFD9E5F35I7N.pdf</div> <div><a href="#">PDF</a> 5.5CGTFD9E5F35I7N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 14251008                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® V GT                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 1152-BGA                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 301000                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 113560                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 560                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 24 Weeks                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | 5CGTFD9                                                                                                                                                                                                                                                                  |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5CGTFD9E5F35I7N | 5CGTFD9E5F35I7N Distributor                           | 5CGTFD9E5F35I7N Supplier                                         |
| 5CGTFD9E5F35I7N Price                                        | 5CGTFD9E5F35I7N Pictures                              | 5CGTFD9E5F35I7N Image                                            |
| 5CGTFD9E5F35I7N PDF Datasheet                                | 5CGTFD9E5F35I7N Download Datasheet                    | 5CGTFD9E5F35I7N Datasheet                                        |
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Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5CGTFD9D5F27C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 336 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5CGTFD9D5F27I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 336 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5CGXBC3B7U19C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 208 I/O 484UBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div>5CGTFD9E5F35C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 560 I/O 1152FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>5CGXBC3B6U19C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 208 I/O 484UBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div>5CGXBC3B6U15C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 144 I/O 324UBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 |
| <div></div> <div>5CGTFD9E5F31C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 480 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5CGXBC3B7U15C8N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 144 I/O 324UBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5CGTFD9E5F31I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 480 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5CGTFD9C5F23I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 224 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>5CGXBC3B6F23C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 208 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div>5CGXBC3B7F23C8N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 208 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |