



Altera



EP4CE22U14I7N

|                     |                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE22U14I7N                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                        |
| Product description | IC FPGA 153 I/O 256UBGA <div><a href="#">PDF</a> 1.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 2.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 3.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 4.EP4CE22U14I7N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

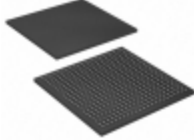
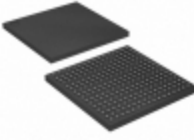
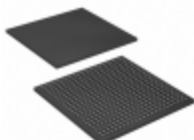
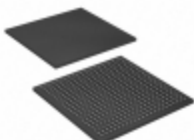
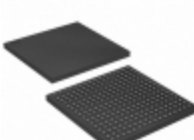
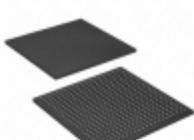
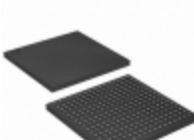
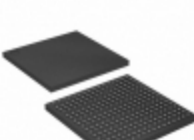
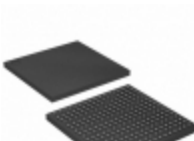
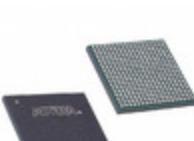
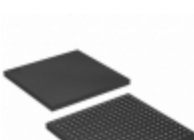
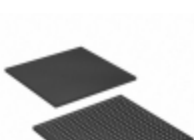
Specifications of EP4CE22U14I7N

|                                  |                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE22U14I7N                                                                                                                                                                                               |
| MANUFACTURER                     | Altera                                                                                                                                                                                                      |
| DESCRIPTION                      | IC FPGA 153 I/O 256UBGA                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                  |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 2.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 3.EP4CE22U14I7N.pdf</div> <div><a href="#">PDF</a> 4.EP4CE22U14I7N.pdf</div> |
| VOLTAGE - BREAKDOWN              | 256-UBGA (14x14)                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 22320                                                                                                                                                                                                       |
| SHELL STYLE                      | 1.15 V ~ 1.25 V                                                                                                                                                                                             |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                               |
| POLARIZATION                     | 256-LFBGA                                                                                                                                                                                                   |
| OTHER NAMES                      | 544-2790                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1395                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                    |
| MANUFACTURER PART NUMBER         | EP4CE22U14I7N                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 153 I/O 256UBGA                                                                                                                                                                                     |
| CORE TYPE                        | 608256                                                                                                                                                                                                      |
| CLOCK RATE                       | 153                                                                                                                                                                                                         |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4CE22U14I7N | EP4CE22U14I7N Distributor                             | EP4CE22U14I7N Supplier                                         |
| EP4CE22U14I7N Price                                        | EP4CE22U14I7N Pictures                                | EP4CE22U14I7N Image                                            |
| EP4CE22U14I7N PDF Datasheet                                | EP4CE22U14I7N Download Datasheet                      | EP4CE22U14I7N Datasheet                                        |
| EP4CE22U14I7N Stock                                        | Buy EP4CE22U14I7N                                     | Buy Altera (Intel® Programmable Solutions Group) EP4CE22U14I7N |
| Altera (Intel® Programmable Solutions Group) EP4CE22U14I7N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor       |
| Altera (Intel® Programmable Solutions Group) EP4CE22U14I7N | Altera EP4CE22U14I7N                                  | Altera (Intel® Programmable Solutions Group) EP4CE22U14I7N     |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>EP4CE30F23C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE22F17I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: 69 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>EP4CE30F23C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE30F23C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 66 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP4CE22F17I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                   | <div></div> <div><b>EP4CE30F23A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                              |
| <div></div> <div><b>EP4CE22F17C9L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EP4CE22F17I8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                              |
| <div></div> <div><b>EP4CE22F17C9LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4CE30F19A7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 193 I/O 324FBGA<br/>In stock: 70 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP4CE22F17I8LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 153 I/O 256FBGA<br/>In stock: 96 pcs</div> <div>RFQ</div>    | <div></div> <div><b>EP4CE30F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 246 pcs</div> <div>RFQ</div>                                |