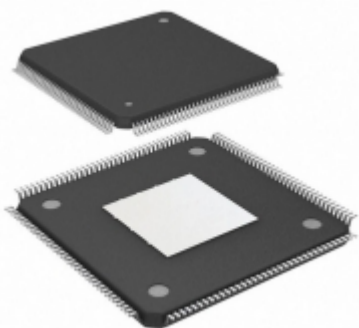


**EP4CE22E22C8N**



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**Part Number:** EP4CE22E22C8N

**Manufacturer:** Intel® FPGAs

**Description:** IC FPGA 79 I/O 144EQFP

- Data sheet:**
- [Cyclone IV FPGA Overview](#)
  - [Cyclone IV Device Datasheet](#)
  - [Virtual JTAG Megafunton User Guide](#)
  - [Cyclone IV Device Family Errata](#)
  - [Cyclone IV Device Handbook](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

Part Number	EP4CE22E22C8N
Manufacturer	Intel® FPGAs
Description	IC FPGA 79 I/O 144EQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3020 pcs
Product Photo	<a href="#">EP4CE22E22C8N.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	608256
Supplier Device Package	144-EQFP (20x20)
Series	Cyclone® IV E
Package / Case	144-LQFP Exposed Pad
Other Names	544-3193 EP4CE22E22C8N-ND
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	22320
Number of LABs/CLBs	1395
Number of I/O	79
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP4CE22

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	Part#: <a href="#">EP4CE22E22I7N</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1918	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22E22C8L</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 2136	<a href="#">RFQ</a>
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	Part#: <a href="#">EP4CE22E22I7</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1741	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22E22I8L</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1628	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22E22C8LN</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 2448	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22E22C6N</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1666	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22E22I8LN</a> Description: IC FPGA 79 I/O 144EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1788	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE22F17C6</a> Description: IC FPGA 153 I/O 256FBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 1132	<a href="#">RFQ</a>
	Part#: <a href="#">EP4CE15U14I7N</a> Description: IC FPGA 165 I/O 256UBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 2501	<a href="#">RFQ</a>
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	Part#: <a href="#">EP4CE15U14A7N</a> Description: IC FPGA 165 I/O 256UBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 1552	<a href="#">RFQ</a>
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