

Image may be representation.
See specifications for product details.



EP4CE6E22A7N

Manufacturer Part Number	EP4CE6E22A7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE6E22A7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 91 I/O 144EQFP
Package	144-LQFP Exposed Pad
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone IV Device Datasheet.pdf
RoHs Status	RoHS Compliant

Get a Quote

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Specifications

EP4CE6E22A7N Tech Specifications

EP4CE6E22A7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	6272
Total RAM Bits	276480	Number of LABs/CLBs	392
Supplier Device Package	144-EQFP (20x20)	Number of I/O	91
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	144-LQFP Exposed Pad	Base Product Number	EP4CE6
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE6E22A7N

Product Attribute				
Part Number	EP4CE6E22A7N	EP4CE55U1917N	EP4CE55F23A7N	EP4CE6F17C6N
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	EP4CE6	EP4CE55	EP4CE55	EP4CE6
Total RAM Bits	276480	2396160	2396160	276480
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of LABs/CLBs	392	3491	3491	392
Supplier Device Package	144-EQFP (20x20)	484-UBGA (19x19)	484-FBGA (23x23)	256-FBGA (17x17)
Number of Logic Elements/Cells	6272	55856	55856	6272
Number of I/O	91	324	324	179
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	144-LQFP Exposed Pad	484-FBGA	484-BGA	256-LBGA

EP4CE6E22A7N Datasheet PDF

Download EP4CE6E22A7N pdf datasheets and Intel documentation for EP4CE6E22A7N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone IV Device Datasheet.pdf](#)

PCN Packaging

- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Design/Specification

- [Quartus SW/Web Chgs 23/Sep/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

PCN Assembly/Origin

- [2.73KHz.pdf](#)

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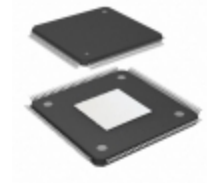
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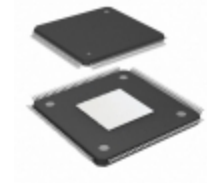
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Intel
IC FPGA 324 I/O 484UBGA



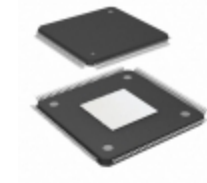
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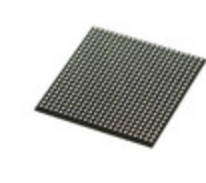
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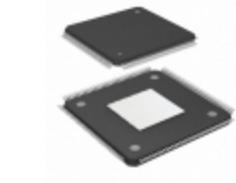
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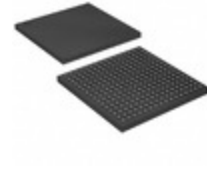
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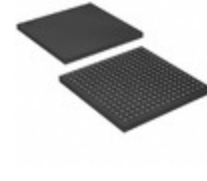
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EP4CE6E22C8
Intel
IC FPGA 91 I/O 144EQFP



EP4CE6E22C6N
Intel
IC FPGA 91 I/O 144EQFP



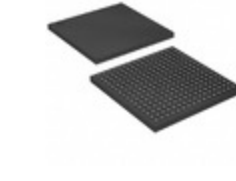
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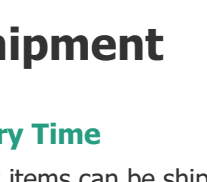
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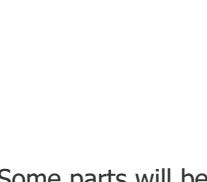
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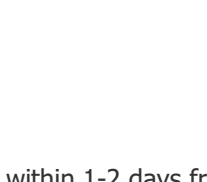
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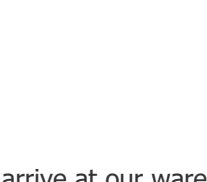
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IC FPGA 179 I/O 256FBGA



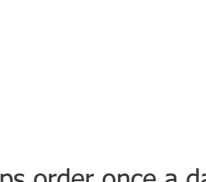
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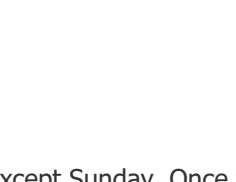
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Intel
IC FPGA 324 I/O 484FBGA



EP4CE55F23I7N
Intel
IC FPGA 324 I/O 484FBGA



EP4CE6F17C8N
Intel
IC FPGA 179 I/O 256FBGA



Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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+00852 9146 4856
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Certifications & Memberships



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