

Image may be representation.
See specifications for product details.



EP4CE40F23A7N

Manufacturer Part Number	EP4CE40F23A7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE40F23A7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 328 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone IV Device Datasheet.pdf
RoHS Status	RoHS Compliant

Get a Quote

EP4CE40F23A7N - Intel.New Original in Stock. Download Linear Technology EP4CE40F23A7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4CE40F23A7N, please send us email: info@allelco.com

Specifications

EP4CE40F23A7N Tech Specifications

EP4CE40F23A7N - 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	39600
Total RAM Bits	1161216	Number of LABs/CLBs	2475
Supplier Device Package	484-FBGA (23x23)	Number of I/O	328
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE40
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE40F23A7N

Product Attribute				
Part Number	EP4CE40F23A7N	EP4CE40F23C8	EP4CE40F29C8N	EP4CE40F29I7N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Operating Temperature	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	484-BGA	484-BGA	780-BGA	780-BGA
Number of I/O	328	328	532	532
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	39600	39600	39600	39600
Total RAM Bits	1161216	1161216	1161216	1161216
Number of LABs/CLBs	2475	2475	2475	2475
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Supplier Device Package	484-FBGA (23x23)	484-FBGA (23x23)	780-FBGA (29x29)	780-FBGA (29x29)
Base Product Number	EP4CE40	EP4CE40	EP4CE40	EP4CE40
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EP4CE40F23A7N Datasheet PDF

Download EP4CE40F23A7N pdf datasheets and Intel documentation for EP4CE40F23A7N - 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](#)

Customers Also Interested in

Recommended Products



EP4CE40F23C8

Intel
IC FPGA 328 I/O 484FBGA



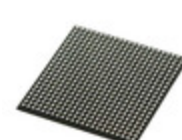
EP4CE40F29C8N

Intel
IC FPGA 532 I/O 780FBGA



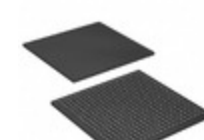
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Intel
IC FPGA 532 I/O 780FBGA



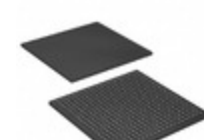
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Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F23C8

Intel
IC FPGA 328 I/O 484FBGA

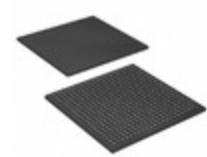


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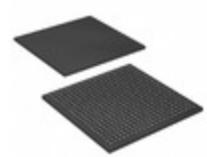
Intel
IC FPGA 328 I/O 484FBGA



EP4CE40F29C6N
Intel
IC FPGA 532 I/O 780FBGA



EP4CE40F23C7N
Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F23I7N
Intel
IC FPGA 328 I/O 484FBGA



EP4CE40F29C7N
Intel
IC FPGA 532 I/O 780FBGA



EP4CE30F29C7N
Intel
IC FPGA 532 I/O 780FBGA



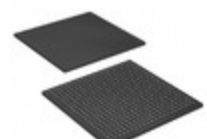
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Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F23C7N
Intel
IC FPGA 328 I/O 484FBGA



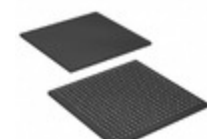
EP4CE40F23C6N
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IC FPGA 328 I/O 484FBGA



EP4CE30F23I8LN
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IC FPGA 328 I/O 484FBGA



EP4CE30F29I7N
Intel
IC FPGA 532 I/O 780FBGA



EP4CE40F23C8N
Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F29C6N
Intel
IC FPGA 532 I/O 780FBGA

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

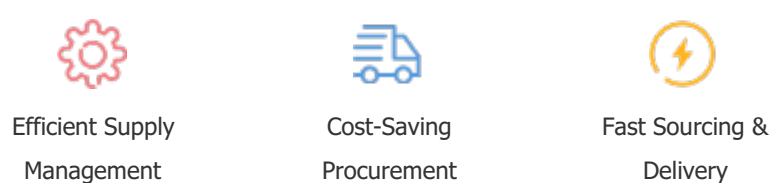
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

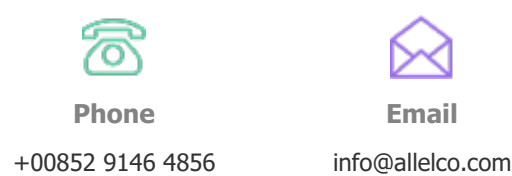
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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