

Image may be representation.
See specifications for product details.



EP2C70F896C7N

Manufacturer Part Number	EP2C70F896C7N
Manufacturer	Intel
Allelco Part Number	32D-EP2C70F896C7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 622 I/O 896FBGA
Package	896-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf
	896-FBGA Pkg Info.pdf
RoHS Status	RoHS Compliant

Get a Quote

EP2C70F896C7N - Intel.New Original in Stock. Download Linear Technology EP2C70F896C7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C70F896C7N, please send us email: info@allelco.com

Specifications

EP2C70F896C7N Tech Specifications
EP2C70F896C7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	68416
Total RAM Bits	1152000	Number of LABs/CLBs	4276
Supplier Device Package	896-FBGA (31x31)	Number of I/O	622
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	896-BGA	Base Product Number	EP2C70
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C70F896C7N

Product Attribute				
Part Number	EP2C70F896C7N	EP2C8AF256A7N	EP2C70F672I8N	EP2C70F896C8N
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	1152000	165888	1152000	1152000
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2C70	EP2C8	EP2C70	EP2C70
Number of I/O	622	182	422	622
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Number of Logic Elements/Cells	68416	8256	68416	68416
Supplier Device Package	896-FBGA (31x31)	256-FBGA (17x17)	672-FBGA (27x27)	896-FBGA (31x31)
Number of LABs/CLBs	4276	516	4276	4276
Package / Case	896-BGA	256-LBGA	672-BGA	896-BGA
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V

EP2C70F896C7N Datasheet PDF

Download EP2C70F896C7N pdf datasheets and Intel documentation for EP2C70F896C7N - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

896-FBGA Pkg Info.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

Customers Also Interested in

Recommended Products

EP2C8AF256A7N
Intel
IC FPGA 182 I/O 256FBGA

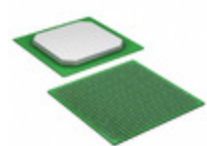
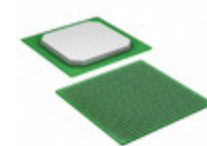
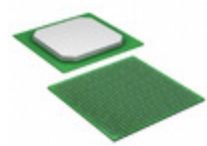
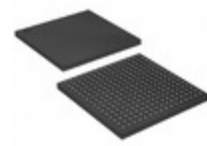
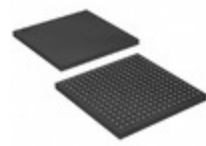
EP2C70F672I8N
Intel
IC FPGA 422 I/O 672FBGA

EP2C70F896C8N
Intel
IC FPGA 622 I/O 896FBGA

EP2C70F672C7
Intel
IC FPGA 422 I/O 672FBGA

EP2C70F672C7N
Intel
IC FPGA 422 I/O 672FBGA

EP2C8AF256I8N
Intel
IC FPGA 182 I/O 256FBGA

**EP2C70F672C8**Intel
IC FPGA 422 I/O 672FBGA**EP2C70F896C6N**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896C7**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896C6**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896I8N**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F672I8**Intel
IC FPGA 422 I/O 672FBGA**EP2C70F672C8N**Intel
IC FPGA 422 I/O 672FBGA**EP2C8F256C6N**Intel
IC FPGA 182 I/O 256FBGA**EP2C8F256C6**Intel
IC FPGA 182 I/O 256FBGA**EP2C70F896I7N****EP2C70F896C8**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896I8**Intel
IC FPGA 622 I/O 896FBGA

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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