

Image may be representation.
See specifications for product details.



EP2C70F896C7

Manufacturer Part Number	EP2C70F896C7
Manufacturer	Intel
Allelco Part Number	32D-EP2C70F896C7
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

Get a Quote

EP2C70F896C7 - Intel.New Original in Stock. Download Linear Technology EP2C70F896C7 datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C70F896C7, please send us email: info@allelco.com

Specifications

EP2C70F896C7 Tech Specifications

EP2C70F896C7 - 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 EP2C70F896C7

Product Attribute				
Part Number	EP2C70F896C7	EP2C8AF256A7N	EP2C8F256C6	EP2C70F896C8
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	68416	8256	8256	68416
Number of I/O	622	182	182	622
Base Product Number	EP2C70	EP2C8	EP2C8	EP2C70
Total RAM Bits	1152000	165888	165888	1152000
Number of LABs/CLBs	4276	516	516	4276
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Supplier Device Package	896-FBGA (31x31)	256-FBGA (17x17)	256-FBGA (17x17)	896-FBGA (31x31)
Package / Case	896-BGA	256-LBGA	256-LBGA	896-BGA
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II

EP2C70F896C7 Datasheet PDF

Download EP2C70F896C7 pdf datasheets and Intel documentation for EP2C70F896C7 - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[896-FBGA Pkg Info.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.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

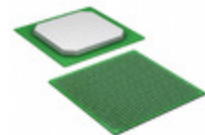
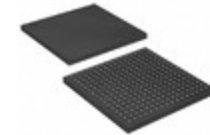
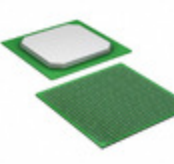
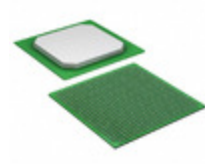
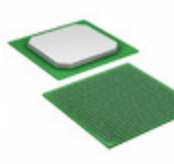
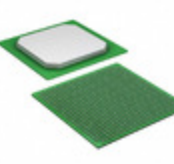
EP2C8F256C6
Intel
IC FPGA 182 I/O 256FBGA

EP2C70F896C8
Intel
IC FPGA 622 I/O 896FBGA

EP2C70F896C7N
Intel
IC FPGA 622 I/O 896FBGA

EP2C70F672C8N
Intel
IC FPGA 422 I/O 672FBGA

EP2C70F672I8
Intel
IC FPGA 422 I/O 672FBGA

**EP2C70F896C6N**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896C8N**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F672C6N**Intel
IC FPGA 422 I/O 672FBGA**EP2C8AF256I8N**Intel
IC FPGA 182 I/O 256FBGA**EP2C70F896C6**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896I8**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F896I7N****EP2C70F672C7**Intel
IC FPGA 422 I/O 672FBGA**EP2C70F672I8N**Intel
IC FPGA 422 I/O 672FBGA**EP2C70F896I8N**Intel
IC FPGA 622 I/O 896FBGA**EP2C70F672C8**Intel
IC FPGA 422 I/O 672FBGA**EP2C70F672C7N**Intel
IC FPGA 422 I/O 672FBGA

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

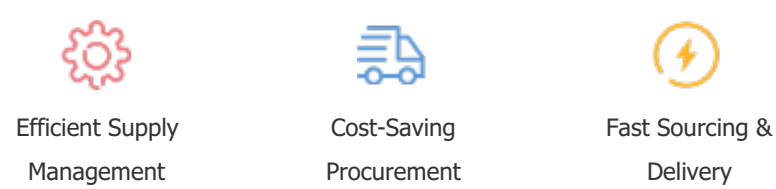
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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



[View More](#)