

Image may be representation.
See specifications for product details.



XC7S6-2CPGA196I

Manufacturer Part Number	XC7S6-2CPGA196I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7S6-2CPGA196I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 100 I/O 196CSBGA
Package	196-TFBGA, CSBGA
Data sheet	XC7S6-2CPGA196I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7S6-2CPGA196I - AMD.New Original in Stock. Download Linear Technology XC7S6-2CPGA196I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7S6-2CPGA196I, please send us email: info@allelco.com

Specifications

XC7S6-2CPGA196I Tech Specifications
XC7S6-2CPGA196I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Voltage - Supply	0.95V ~ 1.05V	Operating Temperature	-40°C ~ 100°C (TJ)
Total RAM Bits	184320	Number of Logic Elements/Cells	6000
Supplier Device Package	196-CSPBGA (8x8)	Number of I/O	100
Series	Spartan®-7	Mounting Type	Surface Mount
Package / Case	196-TFBGA, CSBGA	Base Product Number	XC7S6

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7S6-2CPGA196I

Product Attribute				
Part Number	XC7S6-2CPGA196I	XC7S50-L1FTGB196I	XC7S6-2CSGA225C	XC7S6-1CSGA225I
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC7S6	XC7S50	XC7S6	XC7S6
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	100	100	100	100
Total RAM Bits	184320	2764800	184320	184320
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	6000	52160	6000	6000
Series	Spartan®-7	Spartan®-7	Spartan®-7	Spartan®-7
Voltage - Supply	0.95V ~ 1.05V	0.92V ~ 0.98V	0.95V ~ 1.05V	0.95V ~ 1.05V
Supplier Device Package	196-CSPBGA (8x8)	196-CSBGA (15x15)	225-CSPBGA (13x13)	225-CSPBGA (13x13)
Package / Case	196-TFBGA, CSBGA	196-LBGA, CSPBGA	225-LFBGA, CSPBGA	225-LFBGA, CSPBGA

XC7S6-2CPGA196I Datasheet PDF

Download XC7S6-2CPGA196I pdf datasheets and AMD documentation for XC7S6-2CPGA196I - AMD.

Environmental Information

Xilinx REACH211 Cert.pdf

Customers Also Interested in

Recommended Products

XC7S50-L1FTGB196I AMD IC FPGA 100 I/O 196CSBGA	XC7S6-2CSGA225C AMD IC FPGA 100 I/O 225CSBGA	XC7S6-1CSGA225I AMD IC FPGA 100 I/O 225CSBGA		XC7S75-1FGGA484Q AMD IC FPGA 338 I/O 484FBGA	XC7S75-1FGGA676C AMD IC FPGA 400 I/O 676FPBGA	XC7S75-1FGGA676I AMD IC FPGA 400 I/O 676FPBGA
XC7S75-1FGGA676Q AMD IC FPGA 400 I/O 676FBGA	XC7S6-1CSGA225C AMD IC FPGA 100 I/O 225CSBGA	XC7S6-1CSGA225Q AMD IC FPGA 100 I/O 225CSBGA	XC7S75-1FGGA484C AMD IC FPGA 338 I/O 484FBGA	XC7S6-2CPGA196C AMD IC FPGA 100 I/O 196CSBGA	XC7S50-2FTGB196C AMD IC FPGA 100 I/O 196CSBGA	

XC7S50-2FGGA484I
AMD
IC FPGA 250 I/O 484FBGA

XC7S50-L1CSGA324I
AMD
IC FPGA 210 I/O 324FPGA

XC7S75-1FGGA484I
AMD
IC FPGA 338 I/O 484FBGA

XC7S75-2FGGA484C
AMD
IC FPGA 338 I/O 484FBGA

XC7S50-2FTGB196I
AMD
IC FPGA 100 I/O 196CSBGA

XC7S75-2FGGA484I
AMD
IC FPGA 338 I/O 484FBGA

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

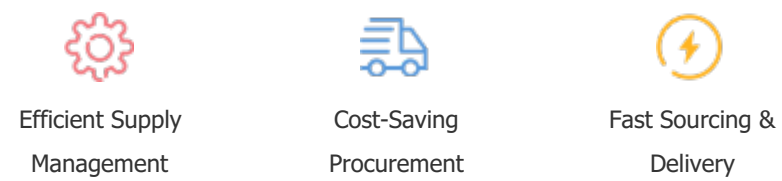
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

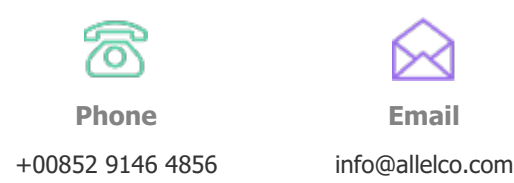
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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