

Image may be representation.
See specifications for product details.



XC6SLX16-3CPG196I

Manufacturer Part Number	XC6SLX16-3CPG196I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC6SLX16-3CPG196I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 106 I/O 196CSBGA
Package	196-TFBGA, CSBGA
Data sheet	XC6SLX16-3CPG196I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC6SLX16-3CPG196I - AMD.New Original in Stock. Download Linear Technology XC6SLX16-3CPG196I datasheet/specifications on AllelcoElec.com.
Request a quote for XC6SLX16-3CPG196I, please send us email: info@allelco.com

Specifications

XC6SLX16-3CPG196I Tech Specifications
XC6SLX16-3CPG196I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	14579
Total RAM Bits	589824	Number of LABs/CLBs	1139
Supplier Device Package	196-CSPBGA (8x8)	Number of I/O	106
Series	Spartan®-6 LX	Mounting Type	Surface Mount
Package / Case	196-TFBGA, CSBGA	Base Product Number	XC6SLX16
Package	Tray		

Parts with Similar Specifications

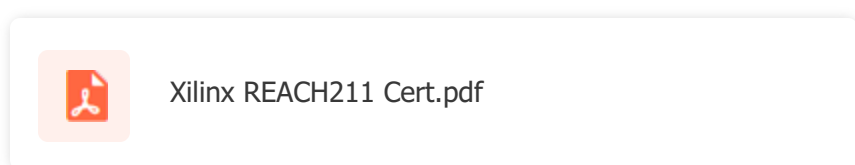
The three parts on the right have similar specifications to AMD XC6SLX16-3CPG196I

Product Attribute				
Part Number	XC6SLX16-3CPG196I	XC6SLX16-2CSG225I	XC6SLX16-N3CSG324C	XC6SLX16-N3CSG324I
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	-	Tray
Package / Case	196-TFBGA, CSBGA	225-LFBGA, CSPBGA	-	324-LFBGA, CSPBGA
Series	Spartan®-6 LX	Spartan®-6 LX	-	Spartan®-6 LX
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Number of Logic Elements/Cells	14579	14579	-	14579
Number of LABs/CLBs	1139	1139	-	1139
Total RAM Bits	589824	589824	-	589824
Base Product Number	XC6SLX16	XC6SLX16	-	XC6SLX16
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	-	1.14V ~ 1.26V
Number of I/O	106	160	-	232
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-	-40°C ~ 100°C (TJ)
Supplier Device Package	196-CSPBGA (8x8)	225-CSPBGA (13x13)	-	324-CSPBGA (15x15)

XC6SLX16-3CPG196I Datasheet PDF

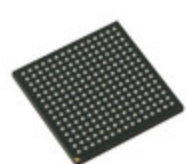
Download XC6SLX16-3CPG196I pdf datasheets and AMD documentation for XC6SLX16-3CPG196I - AMD.

Environmental Information

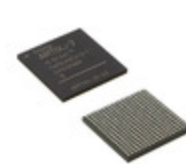


Customers Also Interested in

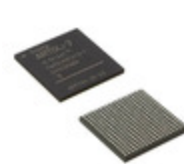
Recommended Products



XC6SLX16-2CSG225I
AMD
IC FPGA 160 I/O 225CSBGA



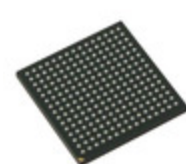
XC6SLX16-N3CSG324C
AMD
IC FPGA 232 I/O 324CSBGA



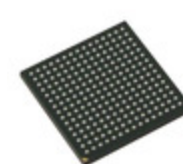
XC6SLX16-N3CSG324I
AMD
IC FPGA 232 I/O 324CSBGA



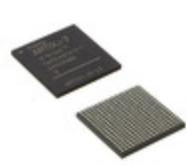
XC6SLX16-3FTG256C
AMD
IC FPGA 186 I/O 256FTBGA



XC6SLX16-3CSG225I
AMD
IC FPGA 160 I/O 225CSBGA



XC6SLX16-3CSG225C
AMD
IC FPGA 160 I/O 225CSBGA



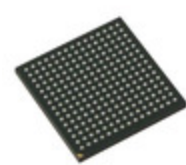
XC6SLX16-3CSG324I
AMD
IC FPGA 232 I/O 324CSBGA



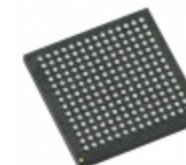
XC6SLX16-2FTG256I/CCK
AMD Xilinx



XC6SLX16-3FTG256I
AMD
IC FPGA 186 I/O 256FTBGA



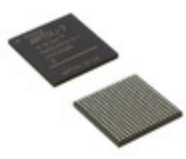
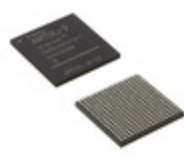
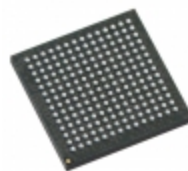
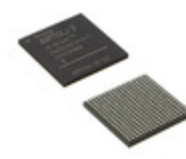
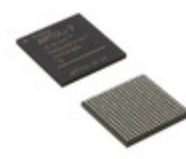
XC6SLX16-N3CSG225C
AMD
IC FPGA 160 I/O 225CSBGA



XC6SLX16-3CPG196C
AMD
IC FPGA 106 I/O 196CSBGA



XC6SLX16-2FTG256I
AMD
IC FPGA 186 I/O 256FTBGA

**XC6SLX16-2CSG324I**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2CSG324CES**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2CPG196I**AMD
IC FPGA 106 I/O 196CSBGA**XC6SLX16-2CSG324C**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2FTG256C**AMD
IC FPGA 186 I/O 256FTBGA**XC6SLX16-3CSG324C**AMD
IC FPGA 232 I/O 324CSBGA

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.

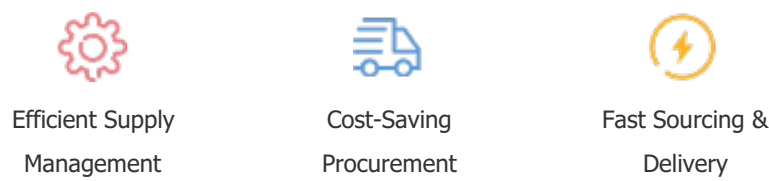
Payment Support

The payment method can be chosen from the methods shown below:

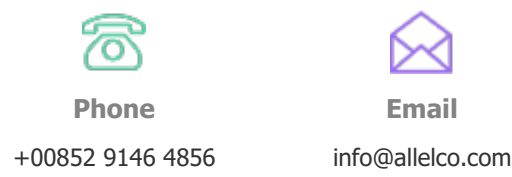
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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