

Image may be representation.
See specifications for product details.



XC6SLX16-3CPG196C

| | |
|--------------------------|--------------------------|
| Manufacturer Part Number | XC6SLX16-3CPG196C |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC6SLX16-3CPG196C |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 106 I/O 196CSBGA |
| Package | 196-TFBGA, CSBGA |
| Data sheet | XC6SLX16-3CPG196C.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

XC6SLX16-3CPG196C - AMD.New Original in Stock. Download Linear Technology XC6SLX16-3CPG196C datasheet/specifications on AllelcoElec.com.
Request a quote for XC6SLX16-3CPG196C, please send us email: info@allelco.com

Specifications

XC6SLX16-3CPG196C Tech Specifications
XC6SLX16-3CPG196C - AMD technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|-----------------|
| Manufacturer | AMD Xilinx | Operating Temperature | 0°C ~ 85°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

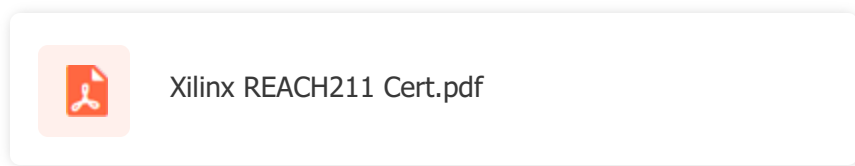
The three parts on the right have similar specifications to AMD XC6SLX16-3CPG196C

| Product Attribute | | | | |
|--------------------------------|-------------------|--------------------------|--------------------------|--------------------------|
| Part Number | XC6SLX16-3CPG196C | XC6SLX16-3CSG225C | XC6SLX16-2FTG256I | XC6SLX16-2FTG256C |
| Manufacturer | AMD | AMD | AMD | AMD |
| Base Product Number | XC6SLX16 | XC6SLX16 | XC6SLX16 | XC6SLX16 |
| Number of Logic Elements/Cells | 14579 | 14579 | 14579 | 14579 |
| Operating Temperature | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) |
| Voltage - Supply | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V |
| Package | Tray | Tray | Tray | Tray |
| Series | Spartan@-6 LX | Spartan@-6 LX | Spartan@-6 LX | Spartan@-6 LX |
| Number of I/O | 106 | 160 | 186 | 186 |
| Package / Case | 196-TFBGA, CSBGA | 225-LFBGA, CSPBGA | 256-LBGA | 256-LBGA |
| Number of LABs/CLBs | 1139 | 1139 | 1139 | 1139 |
| Total RAM Bits | 589824 | 589824 | 589824 | 589824 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Supplier Device Package | 196-CSPBGA (8x8) | 225-CSPBGA (13x13) | 256-FTBGA (17x17) | 256-FTBGA (17x17) |

XC6SLX16-3CPG196C Datasheet PDF

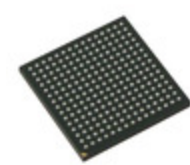
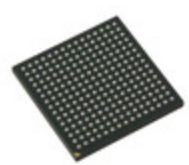
Download XC6SLX16-3CPG196C pdf datasheets and AMD documentation for XC6SLX16-3CPG196C - AMD.

Environmental Information



Customers Also Interested in

Recommended Products



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

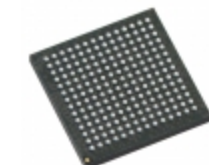
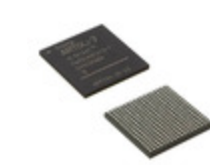
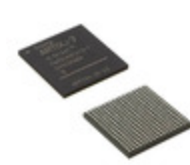
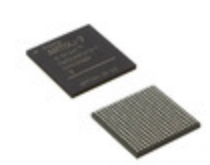
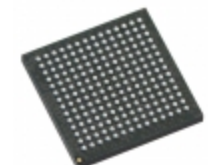
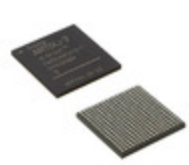
XC6SLX16-2FTG256I
AMD
IC FPGA 186 I/O 256FTBGA

XC6SLX16-2FTG256C
AMD
IC FPGA 186 I/O 256FTBGA

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

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

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



XC6SLX16-2CSG324I
AMD
IC FPGA 232 I/O 324CSBGA

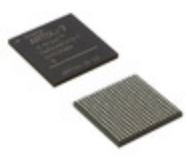
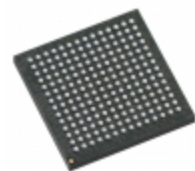
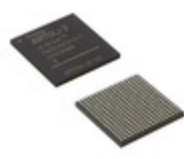
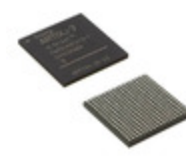
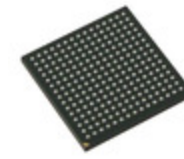
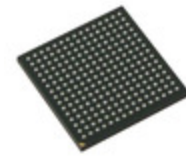
XC6SLX16-2CPG196C
AMD
IC FPGA 106 I/O 196CSBGA

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

XC6SLX16-2CSG324C
AMD
IC FPGA 232 I/O 324CSBGA

XC6SLX16-3CSG324C
AMD
IC FPGA 232 I/O 324CSBGA

XC6SLX16-3CPG196I
AMD
IC FPGA 106 I/O 196CSBGA

**XC6SLX16-N3CSG324C**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2CPG196I**AMD
IC FPGA 106 I/O 196CSBGA**XC6SLX16-3CSG324I**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2CSG324CES**AMD
IC FPGA 232 I/O 324CSBGA**XC6SLX16-2CSG225I**AMD
IC FPGA 160 I/O 225CSBGA**XC6SLX16-N3CSG225C**AMD
IC FPGA 160 I/O 225CSBGA

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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