

Image may be representation.
See specifications for product details.



XC3S1600E-5FGG320C

Manufacturer Part Number	XC3S1600E-5FGG320C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S1600E-5FGG320C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 250 I/O 320FBGA
Package	320-BGA
Data sheet	XC3S1600E-5FGG320C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S1600E-5FGG320C - AMD.New Original in Stock. Download Linear Technology XC3S1600E-5FGG320C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S1600E-5FGG320C, please send us email: info@allelco.com

Specifications

XC3S1600E-5FGG320C Tech Specifications
XC3S1600E-5FGG320C - 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	33192
Total RAM Bits	663552	Number of LABs/CLBs	3688
Supplier Device Package	320-FBGA (19x19)	Number of I/O	250
Series	Spartan®-3E	Number of Gates	1600000
Package / Case	320-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S1600

Parts with Similar Specifications

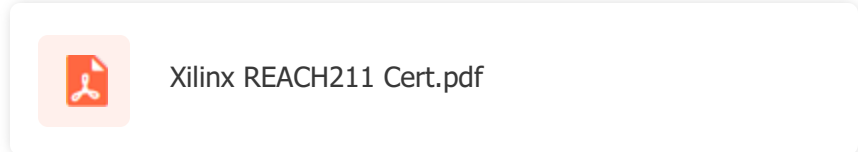
The three parts on the right have similar specifications to AMD XC3S1600E-5FGG320C

Product Attribute				
Part Number	XC3S1600E-5FGG320C	XC3S1600E-4FG484I	XC3S200-4FT256C	XC3S1600E-4FGG320I
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	320-FBGA (19x19)	484-FBGA (23x23)	256-FTBGA (17x17)	320-FBGA (19x19)
Number of LABs/CLBs	3688	3688	480	3688
Base Product Number	XC3S1600	XC3S1600	XC3S200	XC3S1600
Total RAM Bits	663552	663552	221184	663552
Number of Gates	1600000	1600000	200000	1600000
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	320-BGA	484-BBGA	256-LBGA	320-BGA
Number of Logic Elements/Cells	33192	33192	4320	33192
Package	Tray	Tray	Bulk	Tray
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Spartan®-3E	Spartan®-3E	Spartan®-3	Spartan®-3E
Number of I/O	250	376	173	250

XC3S1600E-5FGG320C Datasheet PDF

Download XC3S1600E-5FGG320C pdf datasheets and AMD documentation for XC3S1600E-5FGG320C - AMD.

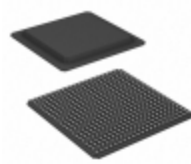
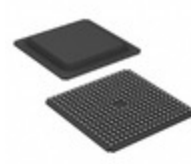
Environmental Information



Customers Also Interested in

Recommended Products

XC3S1500FGG676EGQ	XC3S1600E-4FG484I	XC3S200-4FT256C	XC3S1600E-4FGG320I	XC3S1800A-4FGG676C	XC3S1600E-5FGG484C						
AMD Xilinx	AMD IC FPGA 376 I/O 484FBGA	AMD IC FPGA 173 I/O 256FTBGA	AMD IC FPGA 250 I/O 320FBGA	AMD Xilinx	AMD IC FPGA 376 I/O 484FBGA						
XC3S200-4FT256I	XC3S1600E-4FG484C-ES	XC3S1600E-4FGG484C	XC3S1600E-4FGG400C	XC3S1600E-4FGG320C	XC3S200-4FTG256C						
AMD IC FPGA 173 I/O 256FTBGA	AMD Xilinx	AMD IC FPGA 376 I/O 484FBGA	AMD IC FPGA 304 I/O 400FBGA	AMD IC FPGA 250 I/O 320FBGA	AMD IC FPGA 173 I/O 256FTBGA						



XC3S1600E-4FG400C

AMD
IC FPGA 304 I/O 400FBGA

XC3S1600E-4FG320C

AMD
IC FPGA 250 I/O 320FBGA

XC3S1600E-4FGG484I

AMD
IC FPGA 376 I/O 484FBGA

XC3S200-4FG456C

AMD Xilinx

XC3S200-4PGQ208C

AMD Xilinx

XC3S200-4FTG256I

AMD
IC FPGA 173 I/O 256FBGA

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
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- Email
info@allelco.com

Certifications & Memberships



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