

Image may be representation.
See specifications for product details.



XC3S500E-4FGG320C

Manufacturer Part Number	XC3S500E-4FGG320C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S500E-4FGG320C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 232 I/O 320FBGA
Package	320-BGA
Data sheet	XC3S500E-4FGG320C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S500E-4FGG320C - AMD.New Original in Stock. Download Linear Technology XC3S500E-4FGG320C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S500E-4FGG320C, please send us email: info@allelco.com

Specifications

XC3S500E-4FGG320C Tech Specifications
XC3S500E-4FGG320C - 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	10476
Total RAM Bits	368640	Number of LABs/CLBs	1164
Supplier Device Package	320-FBGA (19x19)	Number of I/O	232
Series	Spartan@-3E	Number of Gates	500000
Package / Case	320-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S500

Parts with Similar Specifications

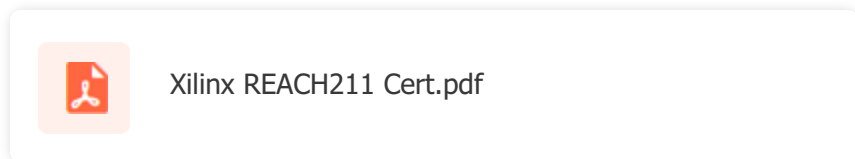
The three parts on the right have similar specifications to AMD XC3S500E-4FGG320C

Product Attribute				
Part Number	XC3S500E-4FGG320C	XC3S5000-5FG900C	XC3S500E-4FG320C	XC3S500E-4PQ208C
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Bulk	Bulk	Bulk
Number of Gates	500000	5000000	500000	500000
Number of LABs/CLBs	1164	8320	1164	1164
Series	Spartan@-3E	Spartan@-3	Spartan@-3E	Spartan@-3E
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Supplier Device Package	320-FBGA (19x19)	900-FBGA (31x31)	320-FBGA (19x19)	208-PQFP (28x28)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC3S500	XC3S5000	XC3S500	XC3S500
Package / Case	320-BGA	900-BBGA	320-BGA	208-BFQFP
Number of Logic Elements/Cells	10476	74880	10476	10476
Total RAM Bits	368640	1916928	368640	368640
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	232	633	232	158

XC3S500E-4FGG320C Datasheet PDF

Download XC3S500E-4FGG320C pdf datasheets and AMD documentation for XC3S500E-4FGG320C - AMD.

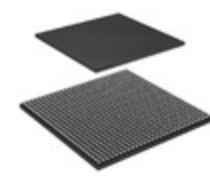
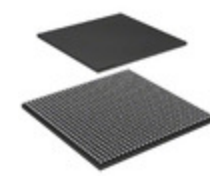
Environmental Information



Customers Also Interested in

Recommended Products

XC3S5000-5FG900I	XC3S5000-5FGG1156C	XC3S5000-5FG900C	XC3S500E-4CP132CES	XC3S500E-4FG320C	XC3S500E-4PQ208C
AMD Xilinx	AMD Xilinx	AMD IC FPGA 633 I/O 900FBGA	AMD Xilinx	AMD IC FPGA 232 I/O 320FBGA	AMD IC FPGA 158 I/O 208QFP
XC3S500E-4PQG208I	XC3S500E-4FT256C	XC3S500E-4FT256I	XC3S500E-4CPG132C	XC3S500E-4FGG320I	XC3S500E-4CFGG320D
AMD IC FPGA 158 I/O 208QFP	AMD IC FPGA 190 I/O 256FTBGA	AMD IC FPGA 190 I/O 256FTBGA	AMD IC FPGA 92 I/O 132CSBGA	AMD IC FPGA 232 I/O 320FBGA	AMD Xilinx



XC3S500E-4FTG256C

AMD
IC FPGA 190 I/O 256FTBGA

XC3S500E-4PQ208I

AMD
IC FPGA 158 I/O 208QFP

XC3S500E-4PQG208C

AMD
IC FPGA 158 I/O 208QFP

XC3S500E-4FTG256I

AMD
IC FPGA 190 I/O 256FTBGA

XC3S5000-4FGG900C

AMD
IC FPGA 633 I/O 900FBGA

XC3S5000-5FGG900C

AMD
IC FPGA 633 I/O 900FBGA

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
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Certifications & Memberships



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