

Image may be representation.
See specifications for product details.



XC3S5000-5FGG900C

Manufacturer Part Number	XC3S5000-5FGG900C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S5000-5FGG900C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 633 I/O 900FBGA
Package	900-BBGA
Data sheet	XC3S5000-5FGG900C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S5000-5FGG900C - AMD.New Original in Stock. Download Linear Technology XC3S5000-5FGG900C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S5000-5FGG900C, please send us email: info@allelco.com

Specifications

XC3S5000-5FGG900C Tech Specifications
XC3S5000-5FGG900C - 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	74880
Total RAM Bits	1916928	Number of LABs/CLBs	8320
Supplier Device Package	900-FBGA (31x31)	Number of I/O	633
Series	Spartan®-3	Number of Gates	5000000
Package / Case	900-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S5000

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S5000-5FGG900C

Product Attribute				
Part Number	XC3S5000-5FGG900C	XC3S5000-4FG676I	XC3S5000-4FG1156C	XC3S500E-4FGG320I
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	900-FBGA (31x31)	676-FBGA (27x27)	-	320-FBGA (19x19)
Number of Logic Elements/Cells	74880	74880	74880	10476
Number of LABs/CLBs	8320	8320	8320	1164
Base Product Number	XC3S5000	XC3S5000	-	XC3S500
Series	Spartan®-3	Spartan®-3	Spartan®-3	Spartan®-3E
Total RAM Bits	1916928	1916928	-	368640
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	900-BBGA	676-BGA	-	320-BGA
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	-	1.14V ~ 1.26V
Number of I/O	633	489	489	232
Number of Gates	5000000	5000000	5000000	500000
Package	Tray	Bulk	Bulk	Tray

XC3S5000-5FGG900C Datasheet PDF

Download XC3S5000-5FGG900C pdf datasheets and AMD documentation for XC3S5000-5FGG900C - AMD.

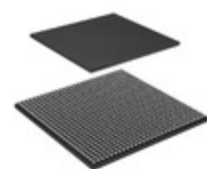
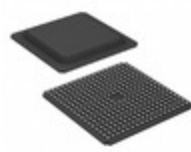
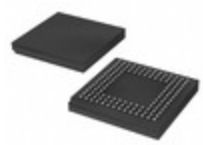
Environmental Information



Customers Also Interested in

Recommended Products

XC3S5000-4FG676I	XC3S5000-4FG1156C	XC3S500E-4FCGG320D	XC3S500E-4CP132CES	XC3S500E-4CPG132	XC3S500E-4FGG320I
AMD IC FPGA 489 I/O 676FCBGA	AMD FPGA, 8320 CLBS, 5000000 GATES	AMD Xilinx	AMD Xilinx	AMD Xilinx	AMD IC FPGA 232 I/O 320FBGA
XC3S5000-4FGG676C	XC3S500E-4FGG320C	XC3S5000-4FGG900C	XC3S5000-5FG900I	XC3S5000-4FGG676I	XC3S5000-5FG900C
AMD IC FPGA 489 I/O 676FBGA	AMD IC FPGA 232 I/O 320FBGA	AMD IC FPGA 633 I/O 900FBGA	AMD Xilinx	AMD IC FPGA 489 I/O 676FBGA	AMD IC FPGA 633 I/O 900FBGA



XC3S500E-4CPG132C

AMD
IC FPGA 92 I/O 132CSBGA

XC3S500E-4FT256I

AMD
IC FPGA 190 I/O 256FTBGA

XC3S500E-4FG320C

AMD
IC FPGA 232 I/O 320FBGA

XC3S5000-4FG900C

AMD
IC FPGA 633 I/O 900FBGA

XC3S500E-4FT256C

AMD
IC FPGA 190 I/O 256FTBGA

XC3S5000-5FGG1156C

AMD Xilinx

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.

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Certifications & Memberships



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