



XC3S1600E-4FG400C

Manufacturer Part Number	XC3S1600E-4FG400C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S1600E-4FG400C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 304 I/O 400FBGA
Package	400-BGA
Data sheet	XC3S1600E-4FG400C.pdf



Get a Quote

XC3S1600E-4FG400C - AMD.New Original in Stock. Download Linear Technology XC3S1600E-4FG400C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S1600E-4FG400C, please send us email: info@allelco.com

Specifications

XC3S1600E-4FG400C Tech Specifications
XC3S1600E-4FG400C - 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	400-FBGA (21x21)	Number of I/O	304
Series	Spartan®-3E	Number of Gates	1600000
Package / Case	400-BGA	Mounting Type	Surface Mount
Package	Bulk	Base Product Number	XC3S1600

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S1600E-4FG400C

Product Attribute				
Part Number	XC3S1600E-4FG400C	XC3S1500-5FG676C	XC3S1500-5FGG456C	XC3S1600E-4FGG400C
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC3S1600	XC3S1500	XC3S1500	XC3S1600
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	400-BGA	676-BGA	456-BBGA	400-BGA
Package	Bulk	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Gates	1600000	1500000	1500000	1600000
Supplier Device Package	400-FBGA (21x21)	676-FBGA (27x27)	456-FBGA (23x23)	400-FBGA (21x21)
Number of I/O	304	487	333	304
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of Logic Elements/Cells	33192	29952	29952	33192
Number of LABs/CLBs	3688	3328	3328	3688
Total RAM Bits	663552	589824	589824	663552
Series	Spartan®-3E	Spartan®-3	Spartan®-3	Spartan®-3E

XC3S1600E-4FG400C Datasheet PDF

Download XC3S1600E-4FG400C pdf datasheets and AMD documentation for XC3S1600E-4FG400C - AMD.

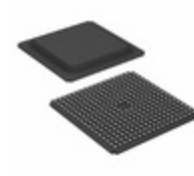
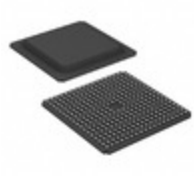
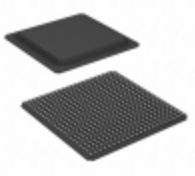
Environmental Information

Xilinx REACH211 Cert.pdf

Customers Also Interested in

Recommended Products

XC3S1500-5FG676C AMD IC FPGA 487 I/O 676FCBGA	XC3S1500-5FGG456C AMD IC FPGA 333 I/O 456FBGA	XC3S1500-FGG676C AMD Xilinx	XC3S1800A-4FGG676C AMD Xilinx	XC3S1600E-4FGG400C AMD IC FPGA 304 I/O 400FBGA	XC3S1500FGG676EGQ AMD Xilinx
XC3S1600E-5FGG320C AMD IC FPGA 250 I/O 320FBGA	XC3S1600E-4FGG320C AMD IC FPGA 250 I/O 320FBGA	XC3S1500-FGG456EGQ AMD Xilinx	XC3S1600E-4FGG484C AMD IC FPGA 376 I/O 484FBGA	XC3S1600E-5FGG484C AMD IC FPGA 376 I/O 484FBGA	XC3S1600E-4FGG484I AMD IC FPGA 376 I/O 484FBGA



XC3S1600E-4FG484I

AMD
IC FPGA 376 I/O 484FBGA

XC3S1600E-4FG320C

AMD
IC FPGA 250 I/O 320FBGA

XC3S1500-FG676C

AMD Xilinx

XC3S1600E-4FGG320I

AMD
IC FPGA 250 I/O 320FBGA

XC3S1500FG676

AMD Xilinx

XC3S1500-FG676I

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 -



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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