

Image may be representation.  
See specifications for product details.



## XA3S1600E-4FGG484Q

Manufacturer Part Number	<a href="#">XA3S1600E-4FGG484Q</a>
Manufacturer	<a href="#">AMD Xilinx</a>
Allelco Part Number	32D-XA3S1600E-4FGG484Q
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC FPGA 376 I/O 484FBGA
Package	484-BBGA
Data sheet	<a href="#">XA Spartan-3E Family.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XA3S1600E-4FGG484Q - AMD.New Original in Stock. Download Linear Technology XA3S1600E-4FGG484Q datasheet/specifications on AllelcoElec.com.  
Request a quote for XA3S1600E-4FGG484Q, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XA3S1600E-4FGG484Q Tech Specifications  
XA3S1600E-4FGG484Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 125°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	484-FBGA (23x23)	Number of I/O	376
Series	Automotive, AEC-Q100, Spartan®-3E XA	Number of Gates	1600000
Package / Case	484-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XA3S1600

### Parts with Similar Specifications

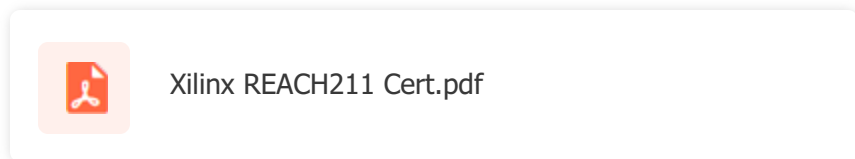
The three parts on the right have similar specifications to AMD XA3S1600E-4FGG484Q

Product Attribute				
Part Number	XA3S1600E-4FGG484Q	<a href="#">XA3S400A-4FTG256I</a>	<a href="#">XA3S1000-4FTG256Q</a>	<a href="#">XA3S100E-4TQG144I</a>
Manufacturer	AMD	AMD	AMD	Xilinx Inc.
Number of I/O	376	195	173	100000
Number of Logic Elements/Cells	33192	8064	17280	240
Total RAM Bits	663552	368640	442368	2160
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	-
Series	Automotive, AEC-Q100, Spartan®-3E XA	Automotive, AEC-Q100, Spartan®-3A XA	Automotive, AEC-Q100, Spartan®-3 XA	Automotive, AEC-Q100, Spartan®-3E XA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	1600000	400000	1000000	-
Package	Tray	Tray	Tray	-
Supplier Device Package	484-FBGA (23x23)	256-FTBGA (17x17)	256-FTBGA (17x17)	-
Base Product Number	XA3S1600	XA3S400	XA3S1000	-
Number of LABs/CLBs	3688	896	1920	-
Package / Case	484-BBGA	256-LBGA	256-LBGA	-
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)

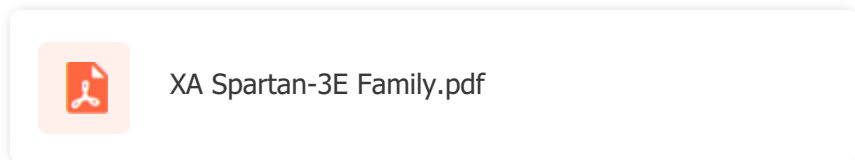
### XA3S1600E-4FGG484Q Datasheet PDF

Download XA3S1600E-4FGG484Q pdf datasheets and AMD documentation for XA3S1600E-4FGG484Q - AMD.

#### Environmental Information



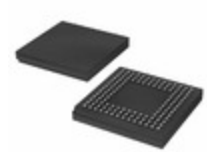
#### HTML Datasheet



### Customers Also Interested in

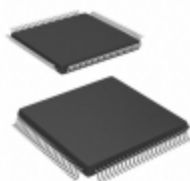
#### Recommended Products

<b>XA3S400A-4FTG256I</b>	<b>XA3S1000-4FTG256Q</b>	<b>XA3S100E-4TQG144I</b>	<b>XA3S1200E-4FTG256Q</b>	<b>XA3S200-4TQG144Q</b>	<b>XA3S1000-4FTG256I</b>
AMD IC FPGA 195 I/O 256FTBGA	AMD IC FPGA 173 I/O 256FTBGA	Xilinx Inc. IC FPGA 108 I/O 144TQFP	AMD IC FPGA 190 I/O 256FTBGA	AMD IC FPGA 97 I/O 144TQFP	AMD IC FPGA 173 I/O 256FTBGA



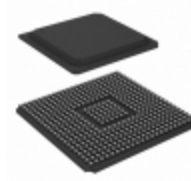
**XA3S100E-4CPG132I**

Xilinx  
IC FPGA 83 I/O 132CSBGA



**XA3S500E-4FTG256I**

AMD  
IC FPGA 190 I/O 256FTBGA



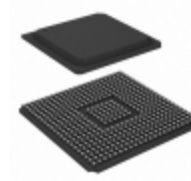
**XA3S250E-4VQG100I**

AMD  
IC FPGA 66 I/O 100VQFP



**XA3S400-4FGG456I**

AMD  
IC FPGA 264 I/O 456FBGA



**XA3S400-4PQG208Q**

AMD  
IC FPGA 141 I/O 208QFP

**XA3S1000-4FGG456I**

AMD  
IC FPGA 333 I/O 456FBGA



**XA3S200A-4FTG256I**

AMD  
IC FPGA 195 I/O 256FTBGA



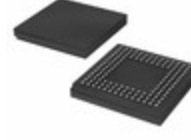
**XA3S250E-4TQG144I**

Xilinx  
IC FPGA 108 I/O 144TQFP



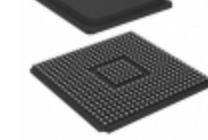
**XA3S200-4PQG208I**

AMD  
IC FPGA 141 I/O 208QFP



**XA3S100E-4CPG132Q**

Xilinx Inc.  
IC FPGA 83 I/O 132CSBGA



**XA3S1000-4FGG456Q**

AMD  
IC FPGA 333 I/O 456FBGA



**XA3S100E-4VQG100Q**

AMD  
IC FPGA 66 I/O 100VQFP

## 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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