

Image may be representation.  
See specifications for product details.



## XC3SD1800A-5CSG484C

Manufacturer Part Number	<b>XC3SD1800A-5CSG484C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC3SD1800A-5CSG484C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 309 I/O 484CSBGA
Package	484-FBGA, CSPBGA
Data sheet	XC3SD1800A-5CSG484C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC3SD1800A-5CSG484C - AMD.New Original in Stock. Download Linear Technology XC3SD1800A-5CSG484C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3SD1800A-5CSG484C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC3SD1800A-5CSG484C Tech Specifications

XC3SD1800A-5CSG484C - 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	37440
Total RAM Bits	1548288	Number of LABs/CLBs	4160
Supplier Device Package	484-CSPBGA (19x19)	Number of I/O	309
Series	Spartan®-3A DSP	Number of Gates	1800000
Package / Case	484-FBGA, CSPBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3SD1800

### Parts with Similar Specifications

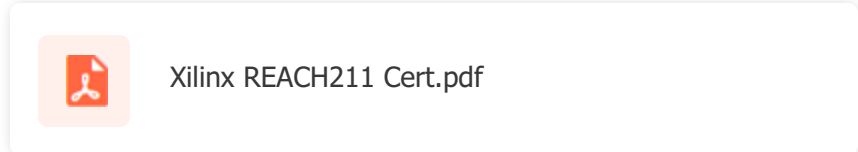
The three parts on the right have similar specifications to AMD XC3SD1800A-5CSG484C

Product Attribute				
Part Number	XC3SD1800A-5CSG484C	<b>XC3SD1800A-4FG676I</b>	<b>XC3SD1800A-4FGG676C</b>	<b>XC3SD1800A-5FGG676C</b>
Manufacturer	AMD	AMD	AMD	AMD
Number of Logic Elements/Cells	37440	37440	37440	37440
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of I/O	309	519	519	519
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	XC3SD1800	XC3SD1800	XC3SD1800	XC3SD1800
Number of LABs/CLBs	4160	4160	4160	4160
Package	Tray	Tray	Tray	Tray
Total RAM Bits	1548288	1548288	1548288	1548288
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	484-CSPBGA (19x19)	676-FBGA (27x27)	676-FBGA (27x27)	676-FBGA (27x27)
Package / Case	484-FBGA, CSPBGA	676-BGA	676-BGA	676-BGA
Series	Spartan®-3A DSP	Spartan®-3A DSP	Spartan®-3A DSP	Spartan®-3A DSP
Number of Gates	1800000	1800000	1800000	1800000

### XC3SD1800A-5CSG484C Datasheet PDF

Download XC3SD1800A-5CSG484C pdf datasheets and AMD documentation for XC3SD1800A-5CSG484C - AMD.

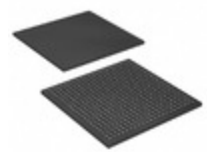
#### Environmental Information



### Customers Also Interested in

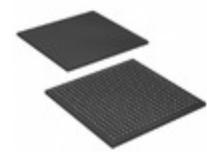
#### Recommended Products

<b>XC3SD1800A-4FG676I</b>	<b>XC3SD1800A-4FGG676C</b>	<b>XC3SAVQG100</b>	<b>XC3SD1800A-5FGG676C</b>	<b>XC3SD1800A-4FGG676I</b>	<b>XC3SD3400A-4FGG676C</b>
AMD	AMD	AMD Xilinx	AMD	AMD	AMD
IC FPGA 519 I/O 676FCBGA	IC FPGA 519 I/O 676FBGA		IC FPGA 519 I/O 676FBGA	IC FPGA 519 I/O 676FBGA	IC FPGA 469 I/O 676FBGA
<b>XC3SD3400A-4FGG676I</b>	<b>XC3S700AN-4FGG484I</b>	<b>XC3SD3400A-4CS484I</b>	<b>XC3SD1800A-FGG676C</b>	<b>XC3SD3400A-4CSG484I</b>	<b>XC3SD3400A-5FGG676C</b>
AMD	AMD	AMD	AMD Xilinx	AMD	AMD
IC FPGA 469 I/O 676FBGA	IC FPGA 372 I/O 484FBGA	IC FPGA 309 I/O 484CSBGA		IC FPGA 309 I/O 484CSBGA	IC FPGA 469 I/O 676FBGA



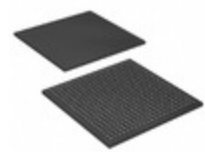
**XC3SD1800A-4CSG484LI**

AMD  
IC FPGA 309 I/O 484CSBGA



**XC3SD1800A-4CSG484C**

AMD  
IC FPGA 309 I/O 484CSBGA



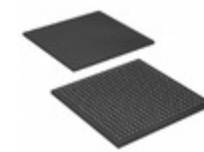
**XC3SD3400A-4CSG484LI**

AMD  
IC FPGA 309 I/O 484CSBGA



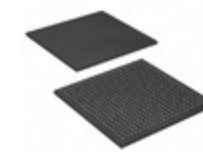
**XC3S700AN-5FG484C**

AMD Xilinx



**XC3SD3400A-4CSG484C**

AMD  
IC FPGA 309 I/O 484CSBGA



**XC3SD1800A-4CSG484I**

AMD  
IC FPGA 309 I/O 484CSBGA

## 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  
 +00852 9146 4856  
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 info@allelco.com

## Certifications & Memberships



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**ALLELCO LIMITED**  
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