

Image may be representation.
See specifications for product details.



XC3S1400AN-4FGG676I

Manufacturer Part Number	XC3S1400AN-4FGG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S1400AN-4FGG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 502 I/O 676FBGA
Package	676-BGA
Data sheet	Spartan-3AN FPGA User Guide.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S1400AN-4FGG676I - AMD.New Original in Stock. Download Linear Technology XC3S1400AN-4FGG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S1400AN-4FGG676I, please send us email: info@allelco.com

Specifications

XC3S1400AN-4FGG676I Tech Specifications
XC3S1400AN-4FGG676I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	25344
Total RAM Bits	589824	Number of LABs/CLBs	2816
Supplier Device Package	676-FBGA (27x27)	Number of I/O	502
Series	Spartan@-3AN	Number of Gates	1400000
Package / Case	676-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S1400

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S1400AN-4FGG676I

Product Attribute				
Part Number	XC3S1400AN-4FGG676I	XC3S1500-4FG456I	XC3S1500-4FG320I	XC3S1400AN-4FG676I
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	Bulk	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of I/O	502	333	221	502
Number of Gates	1400000	1500000	1500000	1400000
Number of LABs/CLBs	2816	3328	3328	2816
Supplier Device Package	676-FBGA (27x27)	456-FBGA (23x23)	320-FBGA (19x19)	676-FBGA (27x27)
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	25344	29952	29952	25344
Series	Spartan@-3AN	Spartan@-3	Spartan@-3	Spartan@-3AN
Total RAM Bits	589824	589824	589824	589824
Package / Case	676-BGA	456-BBGA	320-BGA	676-BGA
Base Product Number	XC3S1400	XC3S1500	XC3S1500	XC3S1400

XC3S1400AN-4FGG676I Datasheet PDF

Download XC3S1400AN-4FGG676I pdf datasheets and AMD documentation for XC3S1400AN-4FGG676I - AMD.

Environmental Information

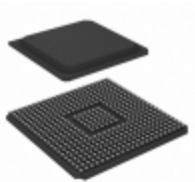
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

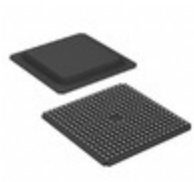
[Spartan-3AN FPGA User Guide.pdf](#)

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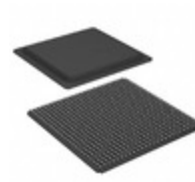
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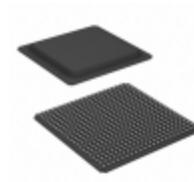
XC3S1500-4FG456I
AMD
IC FPGA 333 I/O 456FBGA



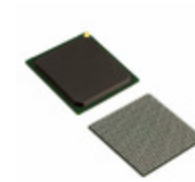
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AMD
IC FPGA 221 I/O 320FBGA



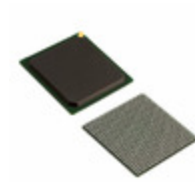
XC3S1400AN-4FG676I
AMD
IC FPGA 502 I/O 676FBGA



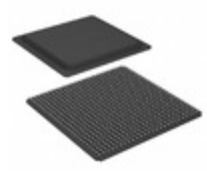
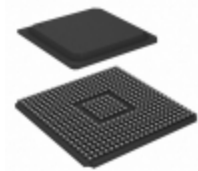
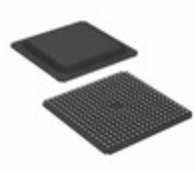
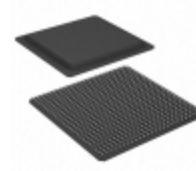
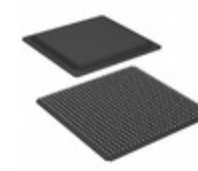
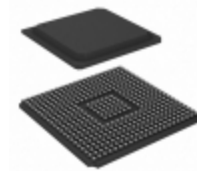
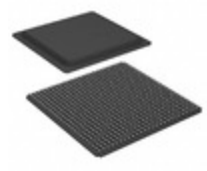
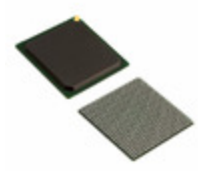
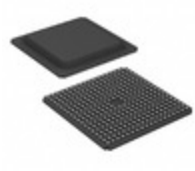
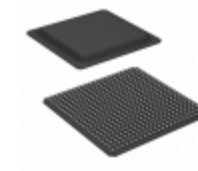
XC3S1400A-5FGG484C
AMD
IC FPGA 375 I/O 484FBGA



XC3S1400AN-4FGG676C
AMD
IC FPGA 502 I/O 676FBGA



XC3S1400A-5FGG676C
AMD
IC FPGA 502 I/O 676FBGA

**XC3S1500-4FG676I**AMD
IC FPGA 487 I/O 676FCBGA**XC3S1500-4FGG456C**AMD
IC FPGA 333 I/O 456FBGA**XC3S1500-4FGG320C**AMD
IC FPGA 221 I/O 320FBGA**XC3S1400A-5FG676C**Xilinx
IC FPGA 502 I/O 676FBGA**XC3S1500-4FG676C**AMD
IC FPGA 487 I/O 676FCBGA**XC3S1500-4FG456C**AMD
IC FPGA 333 I/O 456FBGA**XC3S1400AN-4FG676C**AMD
IC FPGA 502 I/O 676FCBGA**XC3S1400AN-5FGG676C**AMD
IC FPGA 502 I/O 676FBGA**XC3S1500-4FGG320I**AMD
IC FPGA 221 I/O 320FBGA**XC3S1400A-5FTG256C**AMD
IC FPGA 161 I/O 256FTBGA**XC3S1400AN-4FGG484C**AMD
IC FPGA 372 I/O 484FBGA**XC3S1400AFTG256**

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

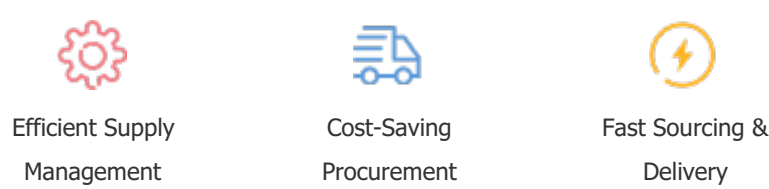
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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