

Image may be representation.  
See specifications for product details.



## XC3S50-4CPG132I

Manufacturer Part Number	<b>XC3S50-4CPG132I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC3S50-4CPG132I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 89 I/O 132CSBGA
Package	132-TFBGA, CSPBGA
Data sheet	XC3S50-4CPG132I.pdf

**Get a Quote**

XC3S50-4CPG132I - AMD.New Original in Stock. Download Linear Technology XC3S50-4CPG132I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3S50-4CPG132I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC3S50-4CPG132I Tech Specifications

XC3S50-4CPG132I - 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	1728
Total RAM Bits	73728	Number of LABs/CLBs	192
Supplier Device Package	132-CSPBGA (8x8)	Number of I/O	89
Series	Spartan@-3	Number of Gates	50000
Package / Case	132-TFBGA, CSPBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S50

### Parts with Similar Specifications

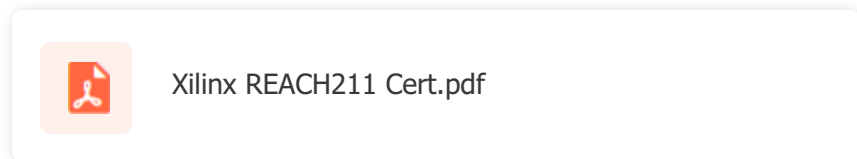
The three parts on the right have similar specifications to AMD XC3S50-4CPG132I

Product Attribute				
Part Number	XC3S50-4CPG132I	<b>XC3S50-4VQG100I</b>	<b>XC3S50-4VQG100C</b>	<b>XC3S400AN-4FTG256I</b>
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	89	63	63	195
Package / Case	132-TFBGA, CSPBGA	100-TQFP	100-TQFP	256-LBGA
Series	Spartan@-3	Spartan@-3	Spartan@-3	Spartan@-3AN
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of Gates	50000	50000	50000	400000
Number of Logic Elements/Cells	1728	1728	1728	8064
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	73728	73728	73728	368640
Base Product Number	XC3S50	XC3S50	XC3S50	XC3S400
Supplier Device Package	132-CSPBGA (8x8)	100-VQFP (14x14)	100-VQFP (14x14)	256-FTBGA (17x17)
Number of LABs/CLBs	192	192	192	896

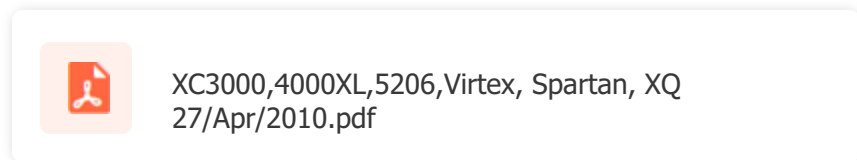
### XC3S50-4CPG132I Datasheet PDF

Download XC3S50-4CPG132I pdf datasheets and AMD documentation for XC3S50-4CPG132I - AMD.

#### Environmental Information

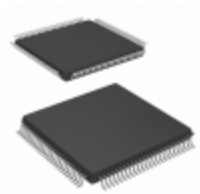


#### PCN Obsolescence/ EOL

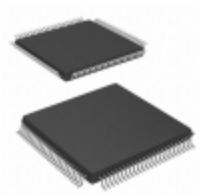


### Customers Also Interested in

#### Recommended Products



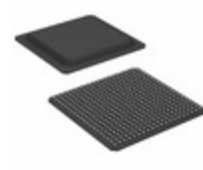
**XC3S50-4VQG100I**  
AMD  
IC FPGA 63 I/O 100VQFP



**XC3S50-4VQG100C**  
AMD  
IC FPGA 63 I/O 100VQFP



**XC3S400AN-4FTG256I**  
AMD  
IC FPGA 195 I/O 256FTBGA



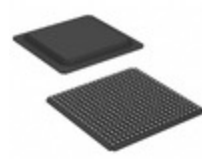
**XC3S400AN-5FGG400C**  
AMD  
IC FPGA 311 I/O 400FBGA



**XC3S50-5PQG208C**  
Xilinx  
IC FPGA 124 I/O 208 QFP



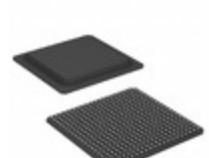
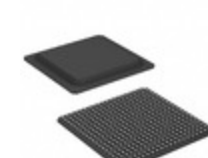
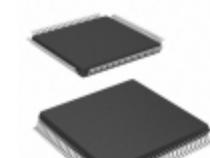
**XC3S50-5VQ100C**  
Xilinx  
IC FPGA 63 I/O 100VQFP

**XC3S400AN-4FTG256C**AMD  
IC FPGA 195 I/O 256FTBGA**XC3S400AN-5FG400C**

AMD Xilinx

**XC3S400AN-4FGG400I**AMD  
IC FPGA 311 I/O 400FBGA**XC3S400FTG256EGQ**

AMD Xilinx

**XC3S400AN-5FTG256C**AMD  
IC FPGA 195 I/O 256FTBGA**XC3S50-4TQG144C**AMD  
IC FPGA 97 I/O 144TQFP**XC3S50-4TQG144C**AMD  
IC FPGA 97 I/O 144TQFP**XC3S50-4PQG208C**AMD  
IC FPGA 124 I/O 208QFP**XC3S50-4VQ100I**AMD  
IC FPGA 63 I/O 100VQFP**XC3S50-4VQ100C**AMD  
IC FPGA 63 I/O 100VQFP**XC3S400AN-4FG400I**AMD  
IC FPGA 311 I/O 400FBGA**XC3S400AN-4FGG400C**AMD  
IC FPGA 311 I/O 400FBGA

## 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

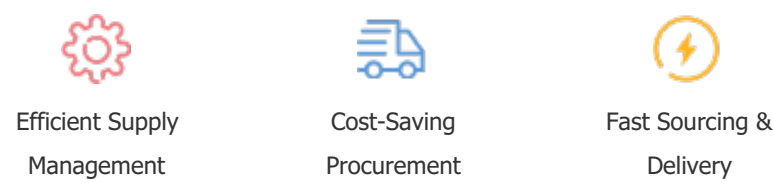
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

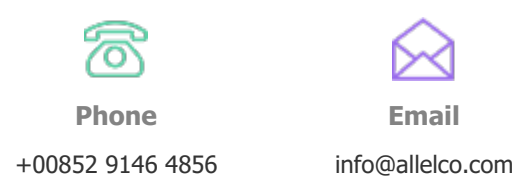
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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