

Image may be representation.
See specifications for product details.



XCS40XL-4BG256I

Manufacturer Part Number	XCS40XL-4BG256I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCS40XL-4BG256I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 205 I/O 256BGA
Package	256-BBGA
Data sheet	XCS40XL-4BG256I.pdf

Get a Quote

XCS40XL-4BG256I - AMD.New Original in Stock. Download Linear Technology XCS40XL-4BG256I datasheet/specifications on AllelcoElec.com.
Request a quote for XCS40XL-4BG256I, please send us email: info@allelco.com

Specifications

XCS40XL-4BG256I Tech Specifications

XCS40XL-4BG256I - 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	3V ~ 3.6V	Number of Logic Elements/Cells	1862
Total RAM Bits	25088	Number of LABs/CLBs	784
Supplier Device Package	256-PBGA (27x27)	Number of I/O	205
Series	Spartan®-XL	Number of Gates	40000
Package / Case	256-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCS40XL

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCS40XL-4BG256I

Product Attribute				
Part Number	XCS40XL-4BG256I	XCS40XL-5BG256C	XCS40-4PQ240C	XCS40XL-4CS280C
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	784	784	784	784
Series	Spartan®-XL	Spartan®-XL	Spartan®	Spartan®-XL
Supplier Device Package	256-PBGA (27x27)	256-PBGA (27x27)	240-PQFP (32x32)	280-CSBGA (16x16)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of Gates	40000	40000	40000	40000
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	4.75V ~ 5.25V	3V ~ 3.6V
Base Product Number	XCS40XL	XCS40XL	XCS40	XCS40XL
Number of Logic Elements/Cells	1862	1862	1862	1862
Number of I/O	205	205	192	224
Total RAM Bits	25088	25088	25088	25088
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	256-BBGA	256-BBGA	240-BFQFP	280-TFBGA, CSPBGA

XCS40XL-4BG256I Datasheet PDF

Download XCS40XL-4BG256I pdf datasheets and AMD documentation for XCS40XL-4BG256I - AMD.

Environmental Information

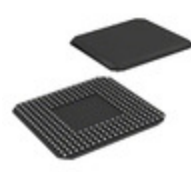
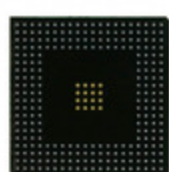
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Spartan, XC9500, CoolRunner 26/Oct/2011.pdf](#)

Customers Also Interested in

Recommended Products



XCS40XL-5BG256C
AMD
IC FPGA 205 I/O 256BGA

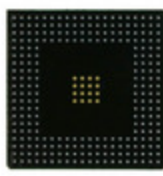
XCS40-4PQ240C
AMD
IC FPGA 192 I/O 240QFP

XCS40XL-4CS280C
AMD
IC FPGA 224 I/O 280CSBGA

XCS40XL-4CPQ208C
AMD Xilinx

XCS40XL-4PQ208I
AMD
IC FPGA 169 I/O 208QFP

XCS40-4PQG208C
AMD Xilinx

**XCS40-3PQG208I**

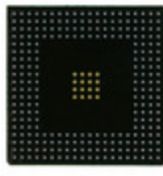
AMD Xilinx

XCS40XL-4PQ240CAMD
IC FPGA 192 I/O 240QFP**XCS40XL-4BG256C**AMD
IC FPGA 205 I/O 256BGA**XCS40-4PQ208C**AMD
IC FPGA 169 I/O 208QFP**XCS40-6BG256C**

AMD Xilinx

XCS40-5PQ208C

AMD Xilinx

**XCS40XL-4PQ208C**AMD
IC FPGA 169 I/O 208QFP**XCS40XL-4BGG256C**

AMD Xilinx

XCS40-4BG256CAMD
IC FPGA 205 I/O 256BGA**XCS40XL-4PQG208C**AMD
IC FPGA 169 I/O 208QFP**XCS40XL-4PQG208I**

AMD Xilinx

XCS40XL-4PQG240C

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

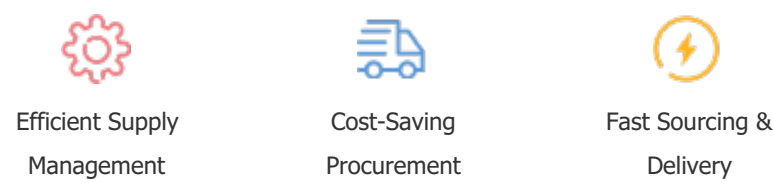
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

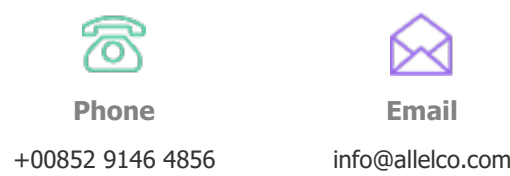
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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