



XQV100-4BG256N

Manufacturer Part Number	XQV100-4BG256N
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XQV100-4BG256N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 2.5V 108K GATES 256-BGA
Package	
Data sheet	QPro Virtex 2.5V QML FPGAs Preliminary.pdf



Get a Quote

XQV100-4BG256N - Xilinx Inc..New Original in Stock. Download Linear Technology XQV100-4BG256N datasheet/specifications on AllelcoElec.com.
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Specifications

XQV100-4BG256N Tech Specifications
XQV100-4BG256N - Xilinx Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of I/O	108904
Voltage - Breakdown	256-PBGA (27x27)	Mounting Type	Surface Mount
Total RAM Bits	2700	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Shell Style	2.375 V ~ 2.625 V	Manufacturer Standard Lead Time	8 Weeks
Series	Virtex® QPro™	Manufacturer Part Number	XQV100-4BG256N
Polarization	256-BBGA	Description	IC FPGA 2.5V 108K GATES 256-BGA
Operating Temperature	-55°C ~ 125°C (TJ)	Core Type	40960
Number of Logic Elements/Cells	600	Clock Rate	180

Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx Inc. XQV100-4BG256N

Product Attribute	NO PICTURE			
Part Number	XQV100-4BG256N	EP20K200EFC484-1X	XQV300-4BG432N	LFE2-20SE-5QN208C
Manufacturer	Xilinx Inc.	Intel	Xilinx Inc.	Lattice Semiconductor Corporation
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Polarization	256-BBGA	-	432-LBGA, Metal	-
Operating Temperature	-55°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	-55°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	108904	376	322970	131
Core Type	40960	-	65536	-
Manufacturer Part Number	XQV100-4BG256N	-	XQV300-4BG432N	-
Description	IC FPGA 2.5V 108K GATES 256-BGA	-	IC FPGA 2.5V 300K GATES 432-BGA	-
Manufacturer Standard Lead Time	8 Weeks	-	-	-
Clock Rate	180	-	316	-
Moisture Sensitivity Level (MSL)	3 (168 Hours)	-	3 (168 Hours)	-
Series	Virtex® QPro™	APEX-20KE®	Virtex® QPro™	ECP2
Shell Style	2.375 V ~ 2.625 V	-	2.375 V ~ 2.625 V	-
Voltage - Breakdown	256-PBGA (27x27)	-	432-MBGA (40x40)	-
Number of Logic Elements/Cells	600	8320	1536	21000
Total RAM Bits	2700	106496	6912	282624

XQV100-4BG256N Datasheet PDF

Download XQV100-4BG256N pdf datasheets and Xilinx Inc. documentation for XQV100-4BG256N - Xilinx Inc..

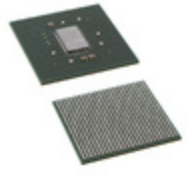
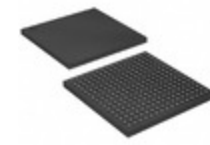
Datasheets

QPro Virtex 2.5V QML FPGAs Preliminary.pdf

Customers Also Interested in

Recommended Products

 EP20K200EFC484-1X Intel IC FPGA 376 I/O 484FBGA	 XQV300-4BG432N Xilinx Inc. IC FPGA 2.5V 300K GATES 432-BGA	 LFE2-20SE-5QN208C Lattice Semiconductor Corporation IC FPGA 131 I/O 208QFP	 EPP10K200SBC600-1 Altera IC FPGA 470 I/O 600BGA	 AX1000-FG676I Microchip Technology IC FPGA 418 I/O 676FBGA	 XQV300-4CB228M Xilinx Inc. IC FPGA 2.5V 300K GATES 228CQFN

XCV300E-6FG256CAMD
IC FPGA 176 I/O 256FBGA**XCV300E-6FG256C**AMD
IC FPGA 400 I/O 676FCBGA**5AGXBB3D4F35C5N**Intel
IC FPGA 544 I/O 1152FBGA**XC4006E-4PQ160C**AMD
IC FPGA 128 I/O 160QFP**XQV100-4CB228M**Xilinx Inc.
IC FPGA 2.5V 108K GATES 228CQFN**XC5206-6PQ160C**AMD
IC FPGA 133 I/O 160QFP**XC7A50T-2FTG256C**AMD
IC FPGA 170 I/O 256FTBGA**XC2S200-5FG256I**AMD
IC FPGA 176 I/O 256FBGA**XC4VFX100-11FFG1152C**AMD
IC FPGA 576 I/O 1152FCBGA**XQV300-4PQ240N**Xilinx Inc.
IC FPGA 2.5V 300K GATES 240-BGA**XC6VLX365T-1FF1156C**Xilinx
IC FPGA 600 I/O 1156FCBGA**XQV300-4BG352N**Xilinx Inc.
IC FPGA 2.5V 300K GATES 352-BGA

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.



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