



XQV300-4BG432N

Manufacturer Part Number	XQV300-4BG432N
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XQV300-4BG432N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 2.5V 300K GATES 432-BGA
Package	
Data sheet	QPro Virtex 2.5V QML FPGAs Preliminary.pdf



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XQV300-4BG432N - Xilinx Inc..New Original in Stock. Download Linear Technology XQV300-4BG432N datasheet/specifications on AllelcoElec.com.
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Specifications

XQV300-4BG432N Tech Specifications
XQV300-4BG432N - Xilinx Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of I/O	322970
Voltage - Breakdown	432-MBGA (40x40)	Mounting Type	Surface Mount
Total RAM Bits	6912	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Shell Style	2.375 V ~ 2.625 V	Manufacturer Part Number	XQV300-4BG432N
Series	Virtex® QPro™	Description	IC FPGA 2.5V 300K GATES 432-BGA
Polarization	432-LBGA, Metal	Core Type	65536
Operating Temperature	-55°C ~ 125°C (TJ)	Clock Rate	316
Number of Logic Elements/Cells	1536		

Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx Inc. XQV300-4BG432N

Product Attribute				
Part Number	XQV300-4BG432N	EPF10K10ATC144-3	XQV300-4BG352N	XC3S1000-5FGG456C
Manufacturer	Xilinx Inc.	Intel	Xilinx Inc.	AMD
Total RAM Bits	6912	6144	6912	442368
Voltage - Breakdown	432-MBGA (40x40)	-	352-MBGA (35x35)	-
Moisture Sensitivity Level (MSL)	3 (168 Hours)	-	3 (168 Hours)	-
Series	Virtex® QPro™	FLEX-10KA®	Virtex® QPro™	Spartan®-3
Polarization	432-LBGA, Metal	-	352-LBGA, Metal	-
Number of Logic Elements/Cells	1536	576	1536	17280
Operating Temperature	-55°C ~ 125°C (TJ)	0°C ~ 70°C (TA)	-55°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Clock Rate	316	-	260	-
Shell Style	2.375 V ~ 2.625 V	-	2.375 V ~ 2.625 V	-
Description	IC FPGA 2.5V 300K GATES 432-BGA	-	IC FPGA 2.5V 300K GATES 352-BGA	-
Manufacturer Part Number	XQV300-4BG432N	-	XQV300-4BG352N	-
Number of I/O	322970	102	322970	333
Core Type	65536	-	65536	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

XQV300-4BG432N Datasheet PDF

Download XQV300-4BG432N pdf datasheets and Xilinx Inc. documentation for XQV300-4BG432N - Xilinx Inc..

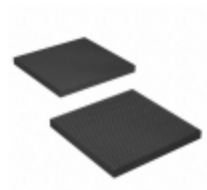
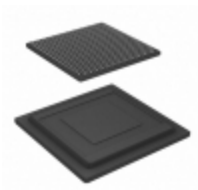
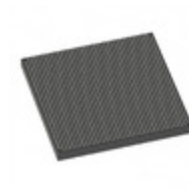
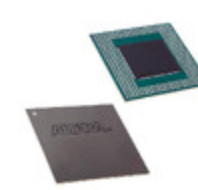
Datasheets

QPro Virtex 2.5V QML FPGAs Preliminary.pdf

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Recommended Products

 EPF10K10ATC144-3 Intel IC FPGA 102 I/O 144TQFP	 XQV300-4BG352N Xilinx Inc. IC FPGA 2.5V 300K GATES 352-BGA	 XC3S1000-5FGG456C AMD IC FPGA 333 I/O 456FBGA	 XCV300-6BG432C AMD IC FPGA 316 I/O 432MBGA	 EP20K1000EFC33-1X Intel IC FPGA 708 I/O 1020FBGA	 XQV300-4PQ240N Xilinx Inc. IC FPGA 2.5V 300K GATES 240-BGA
 XC3142A-3PQ100C AMD	 XQV100-4CB228M Xilinx Inc.	 XCV300E-7FG456C AMD	 LFXP3E-3TN144C Lattice Semiconductor	 EP4SGX180FF35C4N Intel	 EP1S20F484C6 Intel

**XC2VP50-5FF1517C**AMD
IC FPGA 852 I/O 1517FCBGA**XQV300-4CB228M**Xilinx Inc.
IC FPGA 2.5V 300K GATES 228CQFN**5AGXMA3D4F27C4G**Intel
IC FPGA 336 I/O 672FBGA**EP4SE820H40C4N**Intel
IC FPGA 976 I/O 1517HBGA**EPF10K100ABC356-1**Intel
IC FPGA 274 I/O 356BGA**XQV100-4BG256N**Xilinx Inc.
IC FPGA 2.5V 108K GATES 256-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.

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