

Image may be representation.
See specifications for product details.



XA2C256-8VQG100Q

Manufacturer Part Number	XA2C256-8VQG100Q
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XA2C256-8VQG100Q
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 256MC 7NS 100VQFP
Package	100-TQFP
Data sheet	XA2C256.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XA2C256-8VQG100Q - AMD.New Original in Stock. Download Linear Technology XA2C256-8VQG100Q datasheet/specifications on AllelcoElec.com.
Request a quote for XA2C256-8VQG100Q, please send us email: info@allelco.com

Specifications

XA2C256-8VQG100Q Tech Specifications
XA2C256-8VQG100Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	256
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	16
Supplier Device Package	100-VQFP (14x14)	Number of I/O	80
Series	CoolRunner II	Number of Gates	6000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	XA2C256
Operating Temperature	-40°C ~ 105°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XA2C256-8VQG100Q

Product Attribute				
Part Number	XA2C256-8VQG100Q	EPM240GT100C4	M4A5-192/96-10VNC	EPM7512AEQI208-10N
Manufacturer	AMD	Intel	Lattice Semiconductor Corporation	Intel
Package / Case	100-TQFP	100-TQFP	144-LQFP	208-BFQFP
Delay Time tpd(1) Max	7 ns	4.7 ns	10 ns	10 ns
Voltage Supply - Internal	1.7V ~ 1.9V	1.71V ~ 1.89V	4.75V ~ 5.25V	3V ~ 3.6V
Series	CoolRunner II	MAX® II	ispMACH® 4A	MAX® 7000A
Number of Macrocells	256	192	192	512
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Gates	6000	-	-	10000
Number of Logic Elements/Blocks	16	240	-	32
Number of I/O	80	80	96	176
Operating Temperature	-40°C ~ 105°C (TA)	0°C ~ 85°C (TJ)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	XA2C256	EPM240	M4A5-192	EPM7512
Supplier Device Package	100-VQFP (14x14)	100-TQFP (14x14)	144-TQFP (20x20)	208-PQFP (28x28)

XA2C256-8VQG100Q Datasheet PDF

Download XA2C256-8VQG100Q pdf datasheets and AMD documentation for XA2C256-8VQG100Q - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

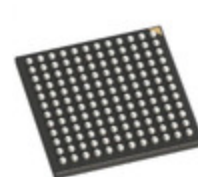
[XA2C256.pdf](#)

Customers Also Interested in

Recommended Products



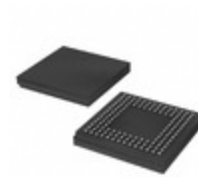
EPM240GT100C4
Intel
IC CPLD 192MC 4.7NS 100TQFP



M4A5-192/96-10VNC
Lattice Semiconductor Corporation
IC CPLD 192MC 10NS 144TQFP



EPM7512AEQI208-10N
Intel
IC CPLD 512MC 10NS 208QFP



XA2C128-7CPG132I
AMD
IC CPLD 128MC 7NS 132CPBGA



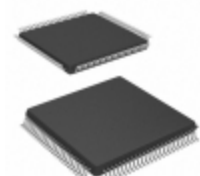
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AMD
IC CPLD 256MC 7NS 144TQFP



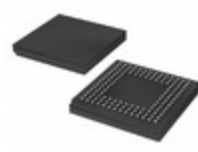
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AMD
IC CPLD 384MC 9.2NS 144TQFP



EPM7256AEQI208-7N
Intel
IC CPLD 256MC 7.5NS 208QFP



XA2C256-7VQG100I
AMD
IC CPLD 256MC 7NS 100VQFP



XA2C128-8CPG132Q
AMD
IC CPLD 128MC 7NS 132CSPBGA



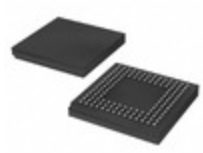
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AMD
IC CPLD 64MC 6.7NS 44VQFP



XA2C64A-8VQG44Q
AMD
IC CPLD 64MC 6.7NS 44VQFP



XC9572XL-7VQG64C
AMD
IC CPLD 72MC 7.5NS 64VQFP



XC2C128-6CPG132C
AMD
IC CPLD 128MC 5.7NS 132CSPBGA



EPM9560ARI240-10
Intel
IC CPLD 560MC 10NS 240RQFP



XCR3512XL-10FT256I
AMD
IC CPLD 512MC 9NS 256FTBGA



ATF1504ASV-15AU44
Atmel
IC CPLD 64MC 15NS 44TQFP



EPM7032QC44-7
Intel
IC CPLD 32MC 7.5NS 44TQFP



XA2S200E-6FT256I
AMD
IC FPGA 182 I/O 256FTBGA

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 -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



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