



Image may be representation.  
See specifications for product details.



## XC95144XL-7TQG100C

Manufacturer Part Number	<b>XC95144XL-7TQG100C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC95144XL-7TQG100C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 144MC 7.5NS 100TQFP
Package	100-LQFP
Data sheet	<b>100-TQFP Pkg Drawing.pdf</b>
	<b>XC95144XL Series.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

XC95144XL-7TQG100C - AMD.New Original in Stock. Download Linear Technology XC95144XL-7TQG100C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC95144XL-7TQG100C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC95144XL-7TQG100C Tech Specifications  
XC95144XL-7TQG100C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	144
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	8
Supplier Device Package	100-TQFP (14x14)	Number of I/O	81
Series	XC9500XL	Number of Gates	3200
Programmable Type	In System Programmable (min 10K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	100-LQFP	Delay Time tpd(1) Max	7.5 ns
Package	Tray	Base Product Number	XC95144
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC95144XL-7TQG100C

Product Attribute				
Part Number	XC95144XL-7TQG100C	XC95144XL-7TQG144C	XC95144XL-7CS144I	XC95144XL-7TQ144C
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Package / Case	100-LQFP	144-LQFP	144-TFBGA, CSPBGA	100-LQFP
Number of I/O	81	117	117	117
Number of Macrocells	144	144	144	144
Number of Logic Elements/Blocks	8	8	8	8
Supplier Device Package	100-TQFP (14x14)	144-TQFP (20x20)	144-LCSBGA (12x12)	100-TQFP (14x14)
Number of Gates	3200	3200	3200	3200
Package	Tray	Tray	Bulk	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Programmable Type	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)
Voltage Supply - Internal	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Series	XC9500XL	XC9500XL	XC9500XL	XC9500XL
Delay Time tpd(1) Max	7.5 ns	7.5 ns	7.5 ns	7.5 ns
Base Product Number	XC95144	XC95144	XC95144	XC95144

### XC95144XL-7TQG100C Datasheet PDF

Download XC95144XL-7TQG100C pdf datasheets and AMD documentation for XC95144XL-7TQG100C - AMD.

#### Datasheets

100-TQFP Pkg Drawing.pdf

#### PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

#### Environmental Information

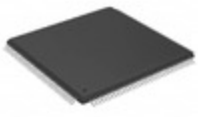




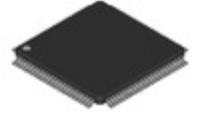












Xilinx REACH211 Cert.pdf

#### HTML Datasheet

XC95144XL Series.pdf

### Customers Also Interested in

## Recommended Products

					
<b>XC95144XL-7TQG144C</b>	<b>XC95144XL-TQ100C</b>	<b>XC95144XL-7CS144I</b>	<b>XC95144XL-7TQ144C</b>	<b>XC95144XL-TQG144AWN</b>	<b>XC95144XL-5TQ100C</b>
AMD IC CPLD 144MC 7.5NS 144TQFP	AMD Xilinx	AMD IC CPLD 144MC 7.5NS 144LCSBGA	AMD IC CPLD 144MC 7.5NS 100TQFP	AMD Xilinx	AMD FLASH PLD, 5NS, 144-CELL
					
<b>XC95144XL/TQ144-7C.</b>	<b>XC95144XL/TQ144-7C</b>	<b>XC95144XL-7TQG100I</b>	<b>XC95144XL-7TQ144I</b>	<b>XC95144XL-7TQ144</b>	<b>XC95144XL-7TQ100I</b>
AMD Xilinx	AMD Xilinx	AMD IC CPLD 144MC 7.5NS 100TQFP	AMD IC CPLD 144MC 7.5NS 100TQFP	AMD Xilinx	AMD IC CPLD 144MC 7.5NS 100TQFP
					
<b>XC95144XL-7CS144C</b>	<b>XC95144XL-7TQ100C</b>	<b>XC95144XL-TQG100AWN</b>	<b>XC95144XL-7TQG144I</b>	<b>XC95144XL-5TQG100C</b>	<b>XC95144XL-5TQG144C</b>
AMD IC CPLD 144MC 7.5NS 144LCSBGA	AMD IC CPLD 144MC 7.5NS 100TQFP	AMD Xilinx	AMD IC CPLD 144MC 7.5NS 144TQFP	AMD IC CPLD 144MC 5NS 100TQFP	AMD IC CPLD 144MC 5NS 144TQFP

## 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.

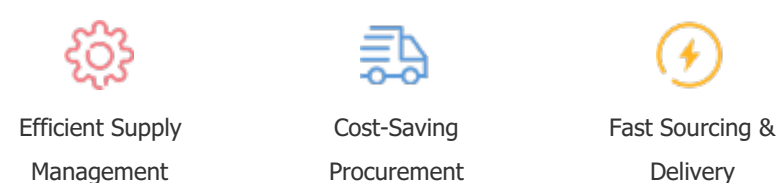
Contact us if you have any questions.

## Payment Support

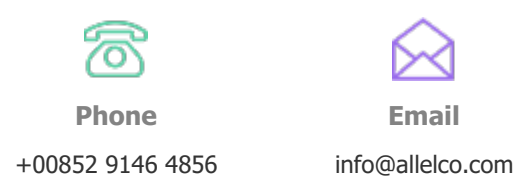
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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