

Image may be representation.
See specifications for product details.



10M04DAU324C8G

Manufacturer Part Number **10M04DAU324C8G**

Manufacturer **Intel**

Allelco Part Number **32D-10M04DAU324C8G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 246 I/O 324UBGA**

Package **324-LFBGA**

Data sheet **[MAX 10 FPGA Device Datasheet.pdf](#)**

[MAX 10 FPGA Overview ~.pdf](#)

RoHs Status **RoHS Compliant**

Get a Quote

10M04DAU324C8G - Intel.New Original in Stock. Download Linear Technology 10M04DAU324C8G datasheet/specifications on AllelcoElec.com.
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Specifications

10M04DAU324C8G Tech Specifications

10M04DAU324C8G - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Voltage - Supply	1.15V ~ 1.25V	Operating Temperature	0°C ~ 85°C (TJ)
Total RAM Bits	193536	Number of Logic Elements/Cells	4000
Supplier Device Package	324-UBGA (15x15)	Number of LABs/CLBs	250
Series	MAX® 10	Number of I/O	246
Package / Case	324-LFBGA	Mounting Type	Surface Mount

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M04DAU324C8G

Product Attribute				
Part Number	10M04DAU324C8G	10M04SAU169C8G	10M04SCU169A7G	10M02SCE144I7G
Manufacturer	Intel	Intel	Intel	Intel
Total RAM Bits	193536	193536	193536	110592
Voltage - Supply	1.15V ~ 1.25V	2.85V ~ 3.465V	2.85V ~ 3.465V	2.85V ~ 3.465V
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	324-LFBGA	169-LFBGA	169-LFBGA	144-LQFP Exposed Pad
Number of I/O	246	130	130	101
Supplier Device Package	324-UBGA (15x15)	169-UBGA (11x11)	169-UBGA (11x11)	144-EQFP (20x20)
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Number of Logic Elements/Cells	4000	4000	4000	2000
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	250	250	250	125

10M04DAU324C8G Datasheet PDF

Download 10M04DAU324C8G pdf datasheets and Intel documentation for 10M04DAU324C8G - Intel.

Datasheets

[MAX 10 FPGA Overview ~.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

HTML Datasheet

[MAX 10 FPGA Device Datasheet.pdf](#)

PCN Design/Specification

[Max10 Pin Guide 3/Dec/2021.pdf](#)

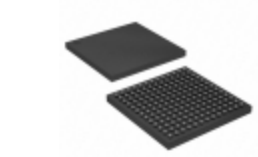
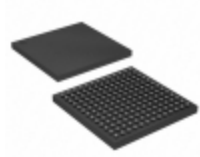
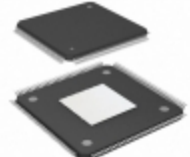
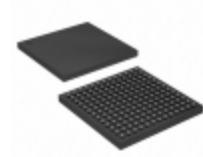
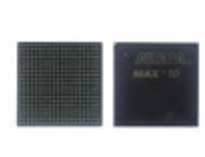
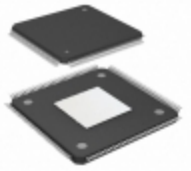
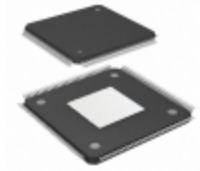
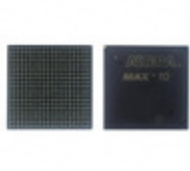
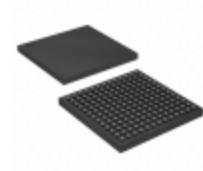
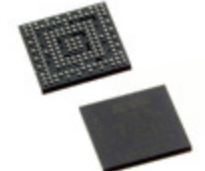
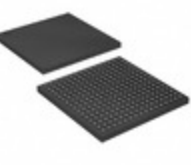
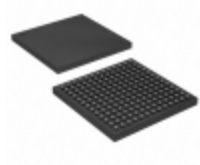
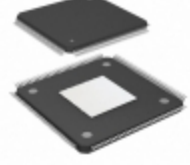
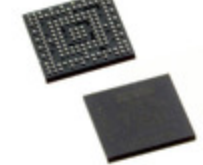
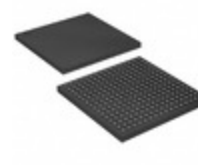
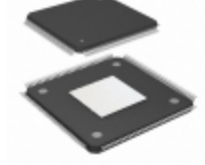
[Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

[MAX 10 ES Devices Errata and Guidelines.pdf](#)

Customers Also Interested in

Recommended Products

**10M04SAU169C8G**Intel
IC FPGA 130 I/O 169UBGA**10M04SCU169A7G**Intel
IC FPGA 130 I/O 169UBGA**10M02SCE144I7G**Intel
IC FPGA 101 I/O 144EQFP**10M02SCU169C8G**Intel
IC FPGA 130 I/O 169UBGA**10M02SCU324C8G**Intel
IC FPGA 246 I/O 324UBGA**10M04DCU324C8G**Intel
IC FPGA 246 I/O 324UBGA**10M04SCE144I7G**Intel
IC FPGA 101 I/O 144EQFP**10M04SCE144C8G**Intel
IC FPGA 101 I/O 144EQFP**10M04SAU324I7G**Intel
IC FPGA 246 I/O 324UBGA**10M04SCU169C8G**Intel
IC FPGA 130 I/O 169UBGA**10M04DCU324I7G**Intel
IC FPGA 246 I/O 324UBGA**10M02SCM153C8G**Intel
IC FPGA 112 I/O 153MBGA**10M04DAF256I7G**Intel
IC FPGA 178 I/O 256FBGA**10M02SCU169I7G**Intel
IC FPGA 130 I/O 169UBGA**10M02SCE144A7G**Intel
IC FPGA 101 I/O 144EQFP**10M04SCM153I7G**Intel
IC FPGA 112 I/O 153MBGA**10M04DCF256I7G**Intel
IC FPGA 178 I/O 256FBGA**10M02SCE144C8G**Intel
IC FPGA 101 I/O 144EQFP

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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