

Image may be representation.
See specifications for product details.



10M16SCU324C8G

Manufacturer Part Number	10M16SCU324C8G
Manufacturer	Intel
Allelco Part Number	32D-10M16SCU324C8G
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 MAX 10 FPGA Device Datasheet.pdf

Get a Quote

10M16SCU324C8G - Intel.New Original in Stock. Download Linear Technology 10M16SCU324C8G datasheet/specifications on AllelcoElec.com.
Request a quote for 10M16SCU324C8G, please send us email: info@allelco.com

Specifications

10M16SCU324C8G Tech Specifications

10M16SCU324C8G - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Voltage - Supply	2.85V ~ 3.465V	Operating Temperature	0°C ~ 85°C (TJ)
Total RAM Bits	562176	Number of Logic Elements/Cells	16000
Supplier Device Package	324-UBGA (15x15)	Number of LABs/CLBs	1000
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 10M16SCU324C8G

Product Attribute				
Part Number	10M16SCU324C8G	10M16SAU169C8G	10M25DAF484A7G	10M16SAU324I7G
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	2.85V ~ 3.465V	2.85V ~ 3.465V	1.15V ~ 1.25V	2.85V ~ 3.465V
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Number of Logic Elements/Cells	16000	16000	25000	16000
Total RAM Bits	562176	562176	691200	562176
Package / Case	324-LFBGA	169-LFBGA	484-BGA	324-LFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	1000	1000	1563	1000
Number of I/O	246	130	360	246
Supplier Device Package	324-UBGA (15x15)	169-UBGA (11x11)	484-FBGA (23x23)	324-UBGA (15x15)
Package	Tray	Tray	Tray	Tray

10M16SCU324C8G Datasheet PDF

Download 10M16SCU324C8G pdf datasheets and Intel documentation for 10M16SCU324C8G - Intel.

Datasheets

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

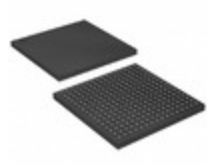
PCN Design/Specification

- [Max10 Pin Guide 3/Dec/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Customers Also Interested in

Recommended Products

10M16SAU169C8G	10M25DAF484A7G	10M16SAU324I7G	10M16SAU169I7G	10M25DAF256C8G	10M16DCF484C8G
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 130 I/O 169UBGA	IC FPGA 360 I/O 484FBGA	IC FPGA 246 I/O 324UBGA	IC FPGA 130 I/O 169UBGA	IC FPGA 178 I/O 256FBGA	IC FPGA 320 I/O 484FBGA



10M25DCF256I7G

Intel
IC FPGA 178 I/O 256FBGA



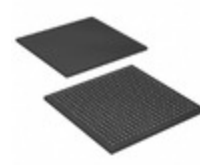
10M16SCE144C8G

Intel
IC FPGA 101 I/O 144EQFP



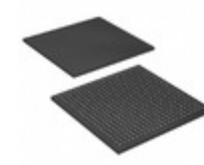
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Intel
IC FPGA 101 I/O 144EQFP



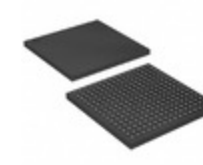
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Intel
IC FPGA 360 I/O 484FBGA



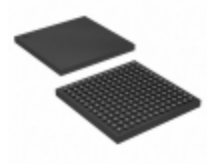
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Intel
IC FPGA 360 I/O 484FBGA



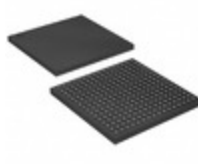
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Intel
IC FPGA 178 I/O 256FBGA



10M16SCU169C8G

Intel
IC FPGA 130 I/O 169UBGA



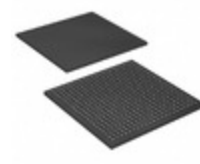
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Intel
IC FPGA 178 I/O 256FBGA



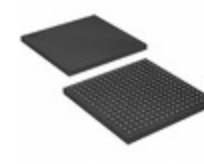
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Intel
IC FPGA 101 I/O 144EQFP



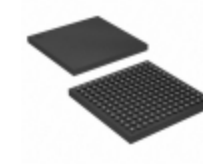
10M25DAF484C8G

Intel
IC FPGA 360 I/O 484FBGA



10M25DAF256I7G

Intel
IC FPGA 178 I/O 256FBGA



10M16SCU169I7G

Intel
IC FPGA 130 I/O 169UBGA

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

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Certifications & Memberships



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