



10M16SAU169C8G

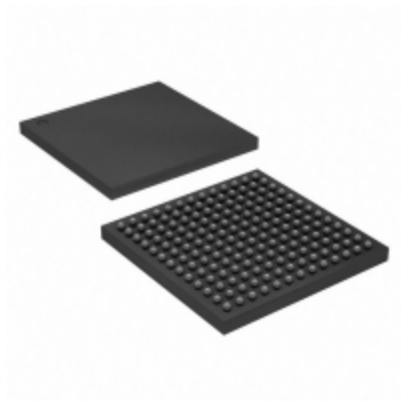


Image may be representation.
See specifications for product details.



Manufacturer Part Number **10M16SAU169C8G**

Manufacturer **Intel**

Allelco Part Number **32D-10M16SAU169C8G**

ECAD Model  PCB Symbol, Footprint & 3D Model

Parts Description **IC FPGA 130 I/O 169UBGA**

Package **169-LFBGA**

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

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

[MAX 10 User Guide.pdf](#)

RoHs Status  **RoHS Compliant**

Get a Quote

10M16SAU169C8G - Intel.New Original in Stock. Download Linear Technology 10M16SAU169C8G datasheet/specifications on AllelcoElec.com.
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Specifications

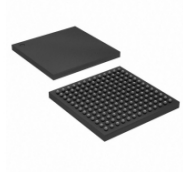
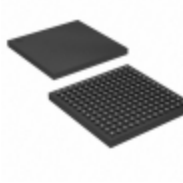
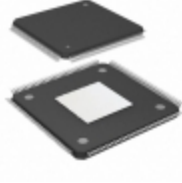
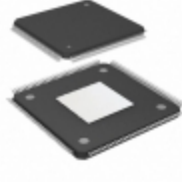
10M16SAU169C8G Tech Specifications

10M16SAU169C8G - 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	169-UBGA (11x11)	Number of LABs/CLBs	1000
Series	MAX® 10	Number of I/O	130
Package / Case	169-LFBGA	Mounting Type	Surface Mount

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M16SAU169C8G

Product Attribute				
Part Number	10M16SAU169C8G	10M16SAU169I7G	10M16SCE144C8G	10M16SCE144I7G
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
Number of I/O	130	130	101	101
Number of LABs/CLBs	1000	1000	1000	1000
Package / Case	169-LFBGA	169-LFBGA	144-LQFP Exposed Pad	144-LQFP Exposed Pad
Voltage - Supply	2.85V ~ 3.465V	2.85V ~ 3.465V	2.85V ~ 3.465V	2.85V ~ 3.465V
Supplier Device Package	169-UBGA (11x11)	169-UBGA (11x11)	144-EQFP (20x20)	144-EQFP (20x20)
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Number of Logic Elements/Cells	16000	16000	16000	16000
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	562176	562176	562176	562176

10M16SAU169C8G Datasheet PDF

Download 10M16SAU169C8G pdf datasheets and Intel documentation for 10M16SAU169C8G - Intel.

Datasheets

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

 [MAX 10 User Guide.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](#)

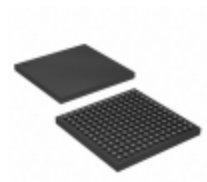
PCN Design/Specification

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

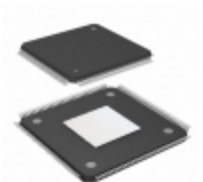
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Customers Also Interested in

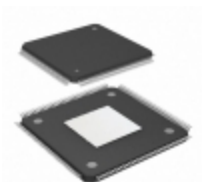
Recommended Products



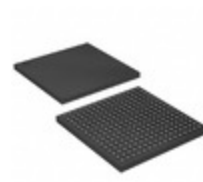
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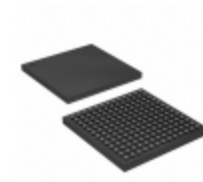
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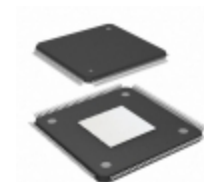
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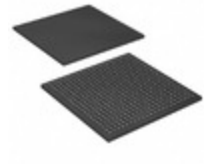

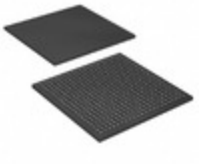


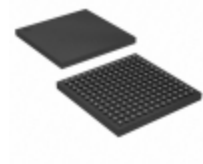



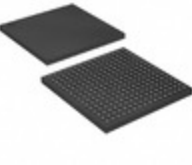
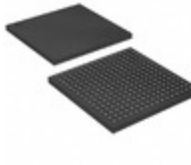
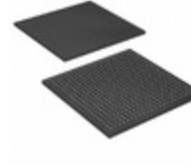
10M16DAF256I7G



10M16SCU169C8G



10M16SAE144I7G

Intel IC FPGA 130 I/O 169UBGA	Intel IC FPGA 101 I/O 144EQFP	Intel IC FPGA 101 I/O 144EQFP	Intel IC FPGA 178 I/O 256FBGA	Intel IC FPGA 130 I/O 169UBGA	Intel IC FPGA 101 I/O 144EQFP
					
10M16DAF484I7G Intel IC FPGA 320 I/O 484FBGA	10M16SCU324C8G Intel IC FPGA 246 I/O 324UBGA	10M16DCF484C8G Intel IC FPGA 320 I/O 484FBGA	10M16DAU324I7G Intel IC FPGA 246 I/O 324UBGA	10M16SCE144I7NG Altera (Intel)	10M16SCU169I7G Intel IC FPGA 130 I/O 169UBGA
					
10M120 IR IGBT Module	10M16SAU324I7G Intel IC FPGA 246 I/O 324UBGA	10M100 IR IGBT Module	10M16DCF256I7G Intel IC FPGA 178 I/O 256FBGA	10M25DAF256C7G Intel IC FPGA 178 I/O 256FBGA	10M16DAF484C8G Intel IC FPGA 320 I/O 484FBGA

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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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

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Certifications & Memberships



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Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
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Email: info@Allelco.com