

Image may be representation.  
See specifications for product details.



## 10M08SAE144I7G

Manufacturer Part Number **10M08SAE144I7G**

Manufacturer **Intel**

Allelco Part Number **32D-10M08SAE144I7G**

ECAD Model  PCB Symbol, Footprint & 3D Model

Parts Description **IC FPGA 101 I/O 144EQFP**

Package **144-LQFP Exposed Pad**

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

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

RoHs Status  **RoHS Compliant**

**Get a Quote**

10M08SAE144I7G - Intel.New Original in Stock. Download Linear Technology 10M08SAE144I7G datasheet/specifications on AllelcoElec.com.  
Request a quote for 10M08SAE144I7G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

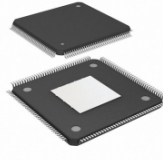

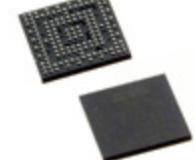

10M08SAE144I7G Tech Specifications

10M08SAE144I7G - 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	-40°C ~ 100°C (TJ)
Total RAM Bits	387072	Number of Logic Elements/Cells	8000
Supplier Device Package	144-EQFP (20x20)	Number of LABs/CLBs	500
Series	MAX® 10	Number of I/O	101
Package / Case	144-LQFP Exposed Pad	Mounting Type	Surface Mount

### Parts with Similar Specifications


The three parts on the right have similar specifications to Intel 10M08SAE144I7G

Product Attribute				
Part Number	10M08SAE144I7G	10M08DCU324I7G	10M08SAM153I7G	10M08DAU324C8G
Manufacturer	Intel	Intel	Intel	Intel
Number of I/O	101	246	112	246
Number of LABs/CLBs	500	500	500	500
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	144-LQFP Exposed Pad	324-LFBGA	153-VFBGA	324-LFBGA
Voltage - Supply	2.85V ~ 3.465V	1.15V ~ 1.25V	2.85V ~ 3.465V	1.15V ~ 1.25V
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Total RAM Bits	387072	387072	387072	387072
Number of Logic Elements/Cells	8000	8000	8000	8000
Supplier Device Package	144-EQFP (20x20)	324-UBGA (15x15)	153-MBGA (8x8)	324-UBGA (15x15)
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)


### 10M08SAE144I7G Datasheet PDF


Download 10M08SAE144I7G pdf datasheets and Intel documentation for 10M08SAE144I7G - 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](#)

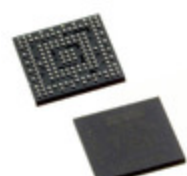
 [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

### Customers Also Interested in

#### Recommended Products



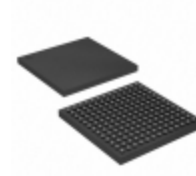
**10M08DCU324I7G**  
Intel  
IC FPGA 246 I/O 324UBGA



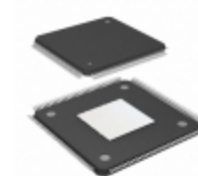
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Intel  
IC FPGA 112 I/O 153MBGA



**10M08DAU324C8G**  
Intel  
IC FPGA 246 I/O 324UBGA



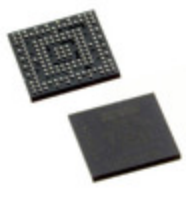
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Intel  
IC FPGA 130 I/O 169UBGA



**10M08SCE144C8G**  
Intel  
IC FPGA 101 I/O 144EQFP



**10M08SAU324C8G**  
Intel  
IC FPGA 246 I/O 324UBGA



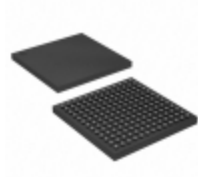
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Intel  
IC FPGA 112 I/O 153MBGA



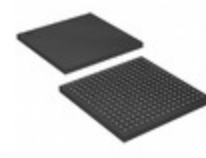
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Intel  
IC FPGA 246 I/O 324UBGA



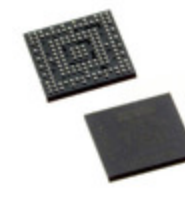
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Intel  
IC FPGA 130 I/O 169UBGA



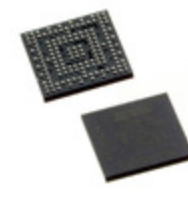
**10M08DCF256I7G**

Intel  
IC FPGA 178 I/O 256FBGA



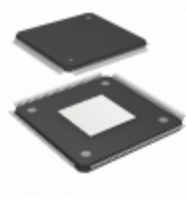
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Intel  
IC FPGA 112 I/O 153MBGA



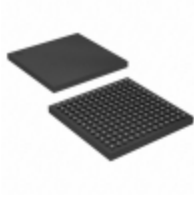
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IC FPGA 112 I/O 153MBGA



**10M08SAE144C8G**

Intel  
IC FPGA 101 I/O 144EQFP



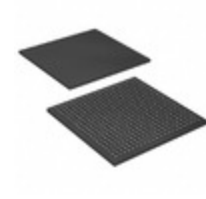
**10M08SAU169I7G**

Intel  
IC FPGA 130 I/O 169UBGA



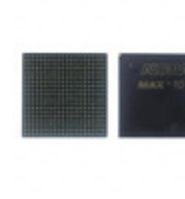
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IC FPGA 56 I/O 81WLCSP



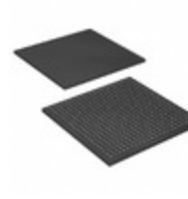
**10M08DAF484I7G**

Intel  
IC FPGA 250 I/O 484FBGA



**10M08DCU324A7G**

Intel  
IC FPGA 246 I/O 324UBGA



**10M08DCF484C8G**

Intel  
IC FPGA 250 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.



## 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



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## Certifications & Memberships



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