

Image may be representation.  
See specifications for product details.



## 10M08SAE144C8G

Manufacturer Part Number	<b>10M08SAE144C8G</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-10M08SAE144C8G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 101 I/O 144EQFP
Package	144-LQFP Exposed Pad
Data sheet	<a href="#">MAX 10 FPGA Device Datasheet.pdf</a> <a href="#">MAX 10 FPGA Overview ~.pdf</a> <a href="#">MAX 10 User Guide.pdf</a>
RoHs Status	RoHS Compliant

**Get a Quote**

10M08SAE144C8G - Intel.New Original in Stock. Download Linear Technology 10M08SAE144C8G datasheet/specifications on AllelcoElec.com.  
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### Specifications

10M08SAE144C8G Tech Specifications  
10M08SAE144C8G - 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	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 10M08SAE144C8G

Product Attribute				
Part Number	10M08SAE144C8G	10M08DCF484C8G	10M08DCF256I7G	10M08SAM153I7G
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	500	500	500	500
Voltage - Supply	2.85V ~ 3.465V	1.15V ~ 1.25V	1.15V ~ 1.25V	2.85V ~ 3.465V
Supplier Device Package	144-EQFP (20x20)	484-FBGA (23x23)	256-FBGA (17x17)	153-MBGA (8x8)
Number of I/O	101	250	178	112
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Package	Tray	Tray	Tray	Tray
Package / Case	144-LQFP Exposed Pad	484-BGA	256-LBGA	153-VFBGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	387072	387072	387072	387072
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	8000	8000	8000	8000

### 10M08SAE144C8G Datasheet PDF

Download 10M08SAE144C8G pdf datasheets and Intel documentation for 10M08SAE144C8G - 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

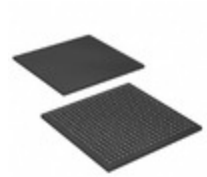
#### PCN Design/Specification

Max10 Pin Guide 3/Dec/2021.pdf

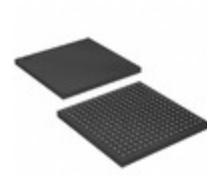
Mult Dev Software Chgs 3/Jun/2021.pdf

### Customers Also Interested in

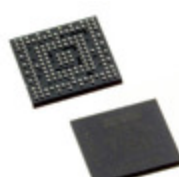
#### Recommended Products



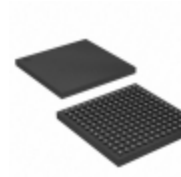
10M08DCF484C8G



10M08DCF256I7G



10M08SAM153I7G



10M08SAU169A7G

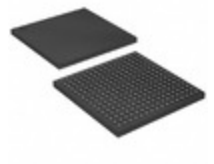

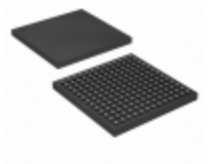
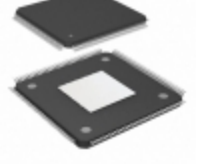
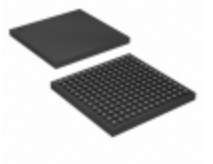
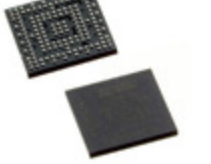
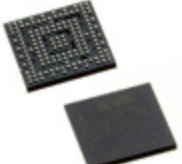


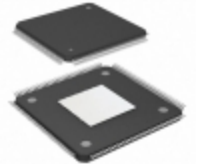
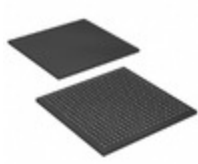



10M08DCU324A7G



10M08SAU324C8G



Intel IC FPGA 250 I/O 484FBGA	Intel IC FPGA 178 I/O 256FBGA	Intel IC FPGA 112 I/O 153MBGA	Intel IC FPGA 130 I/O 169UBGA	Intel IC FPGA 246 I/O 324UBGA	Intel IC FPGA 246 I/O 324UBGA
					
<b>10M08DAF256I7G</b> Intel IC FPGA 178 I/O 256FBGA	<b>10M08DCU324I7G</b> Intel IC FPGA 246 I/O 324UBGA	<b>10M08SAU169I7G</b> Intel IC FPGA 130 I/O 169UBGA	<b>10M08SCE144C8G</b> Intel IC FPGA 101 I/O 144EQFP	<b>10M08SAU169C8G</b> Intel IC FPGA 130 I/O 169UBGA	<b>10M08SAM153C8G</b> Intel IC FPGA 112 I/O 153MBGA
					
<b>10M08SCM153C8G</b> Intel IC FPGA 112 I/O 153MBGA	<b>10M08DCU324C8G</b> Intel IC FPGA 246 I/O 324UBGA	<b>10M08DAU324C8G</b> Intel IC FPGA 246 I/O 324UBGA	<b>10M08SAE144I7G</b> Intel IC FPGA 101 I/O 144EQFP	<b>10M08DAF484I7G</b> Intel IC FPGA 250 I/O 484FBGA	<b>10M08DFV81I7G</b> Intel IC FPGA 56 I/O 81WLCSP

## 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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 Fast Sourcing & Delivery

Contact us if you have any questions.

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## Certifications & Memberships



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