



10M02SCE144C8G

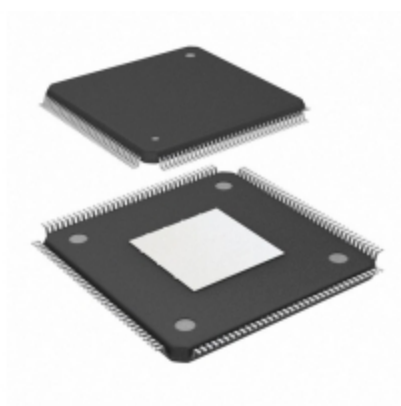


Image may be representation.
See specifications for product details.



Manufacturer Part Number	10M02SCE144C8G
Manufacturer	Intel
Allelco Part Number	32D-10M02SCE144C8G
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 MAX 10 User Guide.pdf
RoHs Status	RoHS Compliant

Get a Quote

10M02SCE144C8G - Intel.New Original in Stock. Download Linear Technology 10M02SCE144C8G datasheet/specifications on AllelcoElec.com.
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Specifications

10M02SCE144C8G Tech Specifications

10M02SCE144C8G - 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	110592	Number of Logic Elements/Cells	2000
Supplier Device Package	144-EQFP (20x20)	Number of LABs/CLBs	125
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 10M02SCE144C8G

Product Attribute				
Part Number	10M02SCE144C8G	10M04DCU324C8G	10M04DAF256I7G	10M04DAU324C8G
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	144-LQFP Exposed Pad	324-LFBGA	256-LBGA	324-LFBGA
Total RAM Bits	110592	193536	193536	193536
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	144-EQFP (20x20)	324-UBGA (15x15)	256-FBGA (17x17)	324-UBGA (15x15)
Number of LABs/CLBs	125	250	250	250
Number of I/O	101	246	178	246
Voltage - Supply	2.85V ~ 3.465V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of Logic Elements/Cells	2000	4000	4000	4000

10M02SCE144C8G Datasheet PDF

Download 10M02SCE144C8G pdf datasheets and Intel documentation for 10M02SCE144C8G - 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



10M04DCU324C8G

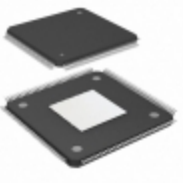
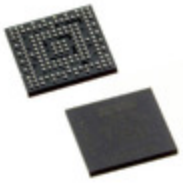


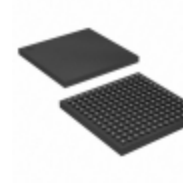
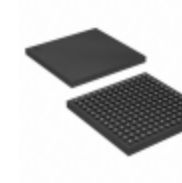
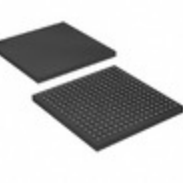
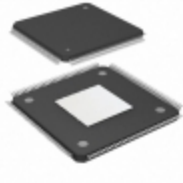

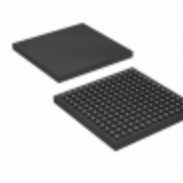
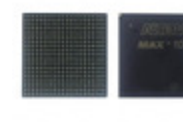

10M04DAF256I7G

10M04DAU324C8G

10M02SCU324C8G

10M02SCE144A7G

10M02DCU324I7G

Intel IC FPGA 246 I/O 324UBGA	Intel IC FPGA 178 I/O 256FBGA	Intel IC FPGA 246 I/O 324UBGA	Intel IC FPGA 246 I/O 324UBGA	Intel IC FPGA 101 I/O 144EQFP	Intel IC FPGA 160 I/O 324UBGA
					
10M04SCE144C8G Intel IC FPGA 101 I/O 144EQFP	10M02SCM153C8G Intel IC FPGA 112 I/O 153MBGA	10M04DCU324I7G Intel IC FPGA 246 I/O 324UBGA	10M02DCU324C8G Intel IC FPGA 160 I/O 324UBGA	10M02SCU169I7G Intel IC FPGA 130 I/O 169UBGA	10M04SAU169C8G Intel IC FPGA 130 I/O 169UBGA
					
10M04DCF256I7G Intel IC FPGA 178 I/O 256FBGA	10M02SCE144I7G Intel IC FPGA 101 I/O 144EQFP	10M02DCV36I7G Intel IC FPGA 27 I/O 36WLCSP	10M02SCU169C8G Intel IC FPGA 130 I/O 169UBGA	10M04SAU324I7G Intel IC FPGA 246 I/O 324UBGA	10M02DCV36C8G Intel IC FPGA 27 I/O 36WLCSP

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:



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