



Image may be representation.
See specifications for product details.



10M16SCE144I7G

Manufacturer Part Number	10M16SCE144I7G
Manufacturer	Intel
Allelco Part Number	32D-10M16SCE144I7G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
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

10M16SCE144I7G - Intel.New Original in Stock. Download Linear Technology 10M16SCE144I7G datasheet/specifications on AllelcoElec.com.
Request a quote for 10M16SCE144I7G, please send us email: info@allelco.com

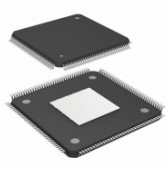
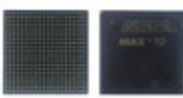
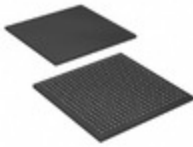
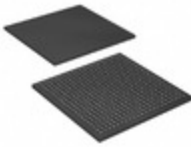
Specifications

10M16SCE144I7G Tech Specifications
10M16SCE144I7G - 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	562176	Number of Logic Elements/Cells	16000
Supplier Device Package	144-EQFP (20x20)	Number of LABs/CLBs	1000
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 10M16SCE144I7G

Product Attribute				
Part Number	10M16SCE144I7G	10M16SCU324C8G	10M16DCF484C8G	10M25DAF484C7G
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	144-LQFP Exposed Pad	324-LFBGA	484-BGA	484-BGA
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	1000	1000	1000	1563
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	562176	562176	562176	691200
Supplier Device Package	144-EQFP (20x20)	324-UBGA (15x15)	484-FBGA (23x23)	484-FBGA (23x23)
Number of Logic Elements/Cells	16000	16000	16000	25000
Number of I/O	101	246	320	360
Voltage - Supply	2.85V ~ 3.465V	2.85V ~ 3.465V	1.15V ~ 1.25V	1.15V ~ 1.25V

10M16SCE144I7G Datasheet PDF

Download 10M16SCE144I7G pdf datasheets and Intel documentation for 10M16SCE144I7G - 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



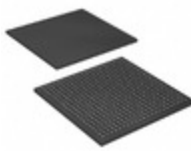
Mult Dev Software Chgs 3/Jun/2021.pdf

Customers Also Interested in

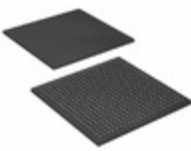
Recommended Products



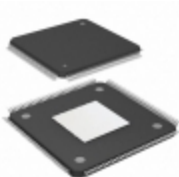
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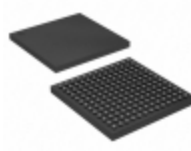
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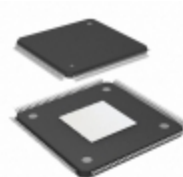
10M25DAF484C7G



10M16SCE144C8G



10M16SCU169C8G



10M16SAE144I7G

Intel
IC FPGA 246 I/O 324UBGA

Intel
IC FPGA 320 I/O 484FBGA

Intel
IC FPGA 360 I/O 484FBGA

Intel
IC FPGA 101 I/O 144EQFP

Intel
IC FPGA 130 I/O 169UBGA

Intel
IC FPGA 101 I/O 144EQFP

10M16SCU169I7G
Intel
IC FPGA 130 I/O 169UBGA

10M25DAF256I7G
Intel
IC FPGA 178 I/O 256FBGA

10M25DAF256C8G
Intel
IC FPGA 178 I/O 256FBGA

10M16SAU169C8G
Intel
IC FPGA 130 I/O 169UBGA

10M25DAF256C7G
Intel
IC FPGA 178 I/O 256FBGA

10M16DAF484C8G
Intel
IC FPGA 320 I/O 484FBGA

10M16DCF256I7G
Intel
IC FPGA 178 I/O 256FBGA

10M16SAU169I7G
Intel
IC FPGA 130 I/O 169UBGA

10M16DAF484I7G
Intel
IC FPGA 320 I/O 484FBGA

10M16SAU324I7G
Intel
IC FPGA 246 I/O 324UBGA

10M25DAF484A7G
Intel
IC FPGA 360 I/O 484FBGA

10M16DAU324I7G
Intel
IC FPGA 246 I/O 324UBGA

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.

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Certifications & Memberships

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