

Image may be representation.
See specifications for product details.



EP3C80F484C7N

Manufacturer Part Number	EP3C80F484C7N
Manufacturer	Intel
Allelco Part Number	32D-EP3C80F484C7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 295 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone III Brochure.pdf Cyclone III Family Overview.pdf
RoHs Status	RoHS Compliant

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Specifications

EP3C80F484C7N Tech Specifications
EP3C80F484C7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	81264
Total RAM Bits	2810880	Number of LABs/CLBs	5079
Supplier Device Package	484-FBGA (23x23)	Number of I/O	295
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP3C80
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C80F484C7N

Product Attribute				
Part Number	EP3C80F484C7N	EP3C5M164I7N	EP3C5F256C8N	EP3C5M164C8N
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	81264	5136	5136	5136
Package / Case	484-BGA	164-TFBGA	256-LBGA	164-TFBGA
Number of LABs/CLBs	5079	321	321	321
Total RAM Bits	2810880	423936	423936	423936
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP3C80	EP3C5	EP3C5	EP3C5
Package	Tray	Tray	Tray	Tray
Supplier Device Package	484-FBGA (23x23)	164-MBGA (8x8)	256-FBGA (17x17)	164-MBGA (8x8)
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	295	106	182	106

EP3C80F484C7N Datasheet PDF

Download EP3C80F484C7N pdf datasheets and Intel documentation for EP3C80F484C7N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Cyclone III Family Overview.pdf](#)

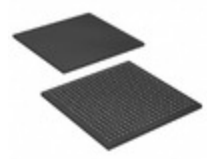
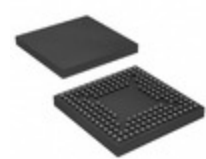
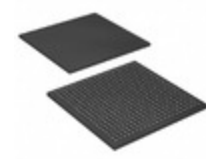
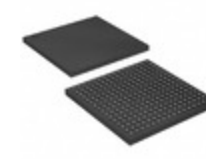
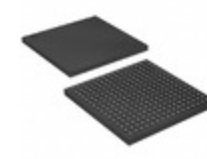
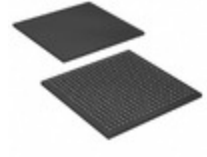
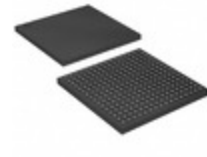
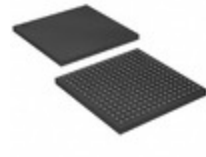
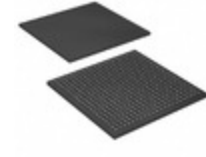
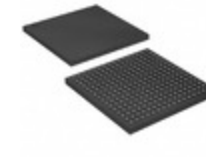
HTML Datasheet

[Cyclone III Brochure.pdf](#)

Customers Also Interested in

Recommended Products

EP3C5M164I7N	EP3C5F256C8N	EP3C5M164C8N	EP3C80F780C7	EP3C80F484I7	EP3C80F780C8
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 106 I/O 164MBGA	IC FPGA 182 I/O 256FBGA	IC FPGA 106 I/O 164MBGA	IC FPGA 429 I/O 780FBGA	IC FPGA 295 I/O 484FBGA	IC FPGA 429 I/O 780FBGA

**EP3C80F484C8**Intel
IC FPGA 295 I/O 484FBGA**EP3C80F780C6N**Intel
IC FPGA 429 I/O 780FBGA**EP3C5M164C7N**Intel
IC FPGA 106 I/O 164MBGA**EP3C80F484C6N**Intel
IC FPGA 295 I/O 484FBGA**EP3C5F256C7N**Intel
IC FPGA 182 I/O 256FBGA**EP3C5F256I7**Intel
IC FPGA 182 I/O 256FBGA**EP3C80F484C8N**Intel
IC FPGA 295 I/O 484FBGA**EP3C5F256I7N**Intel
IC FPGA 182 I/O 256FBGA**EP3C5U256I7N**Intel
IC FPGA 182 I/O 256UBGA**EP3C80F484I7N**Intel
IC FPGA 295 I/O 484FBGA**EP3C5F256C8**Intel
IC FPGA 182 I/O 256FBGA**EP3C80F780C7N**Intel
IC FPGA 429 I/O 780FBGA

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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