

Image may be representation.
See specifications for product details.



EP3SE80F1152C4N

Manufacturer Part Number **EP3SE80F1152C4N**

Manufacturer **Intel**

Allelco Part Number **32D-EP3SE80F1152C4N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 744 I/O 1152FBGA**

Package **1152-BBGA, FCBGA**

Data sheet [Virtual JTAG Megafuntion Guide.pdf](#)

[Stratix III Device Handbook Vol 2.pdf](#)

[Stratix III Device Handbook.pdf](#)

RoHs Status **RoHS Compliant**

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EP3SE80F1152C4N - Intel.New Original in Stock. Download Linear Technology EP3SE80F1152C4N datasheet/specifications on AllelcoElec.com.
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Specifications

EP3SE80F1152C4N Tech Specifications

EP3SE80F1152C4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	0.86V ~ 1.15V	Number of Logic Elements/Cells	80000
Total RAM Bits	6843392	Number of LABs/CLBs	3200
Supplier Device Package	1152-FBGA (35x35)	Number of I/O	744
Series	Stratix® III E	Mounting Type	Surface Mount
Package / Case	1152-BBGA, FCBGA	Base Product Number	EP3SE80
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3SE80F1152C4N

Product Attribute				
Part Number	EP3SE80F1152C4N	EP3SE50F780C4N	EP3SE80F1152I4N	EP3SE50F780C2N
Manufacturer	Intel	Intel	Intel	Intel
Series	Stratix® III E	Stratix® III E	Stratix® III E	Stratix® III E
Number of Logic Elements/Cells	80000	47500	80000	47500
Number of LABs/CLBs	3200	1900	3200	1900
Package / Case	1152-BBGA, FCBGA	780-BBGA, FCBGA	1152-BBGA, FCBGA	780-BBGA, FCBGA
Total RAM Bits	6843392	5760000	6843392	5760000
Number of I/O	744	488	744	488
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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	1152-FBGA (35x35)	780-FBGA (29x29)	1152-FBGA (35x35)	780-FBGA (29x29)
Base Product Number	EP3SE80	EP3SE50	EP3SE80	EP3SE50
Voltage - Supply	0.86V ~ 1.15V	0.86V ~ 1.15V	0.86V ~ 1.15V	0.86V ~ 1.15V
Package	Tray	Tray	Tray	Tray

EP3SE80F1152C4N Datasheet PDF

Download EP3SE80F1152C4N pdf datasheets and Intel documentation for EP3SE80F1152C4N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Stratix III Device Handbook Vol 2.pdf](#)

[Stratix III Device Handbook.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

[Mult Dev Add Subs 6/Sep/2019.pdf](#)

[Mult Dev EOL 30/Mar/2020.pdf](#)

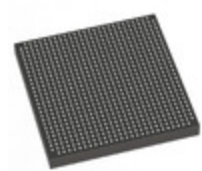
[Mult Dev EOL Rev 30/Mar/2020.pdf](#)

PCN Other

[Readiness Plan Update 3/Apr/2020.pdf](#)

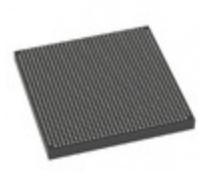
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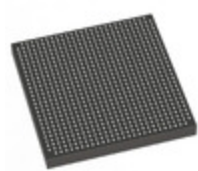
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Intel
IC FPGA 488 I/O 780FBGA



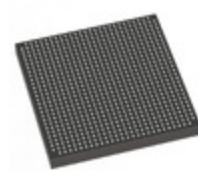
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Intel
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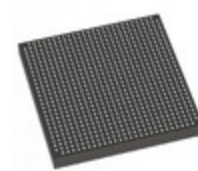
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Intel
IC FPGA 488 I/O 780FBGA



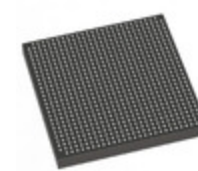
EP3SE80F780C3

Intel
IC FPGA 488 I/O 780FBGA



EP3SE50F780C3N

Intel
IC FPGA 488 I/O 780FBGA



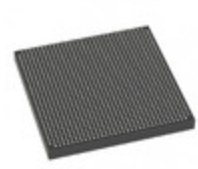
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Intel
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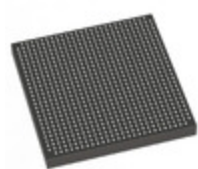
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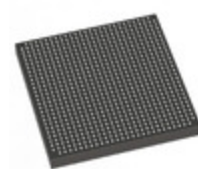
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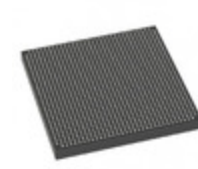
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Intel
IC FPGA 488 I/O 780FBGA



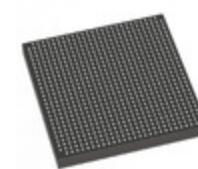
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Intel
IC FPGA 488 I/O 780FBGA



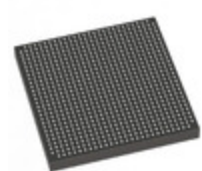
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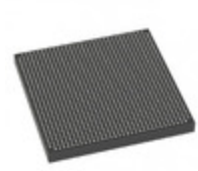
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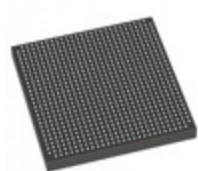
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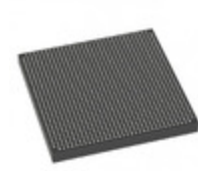
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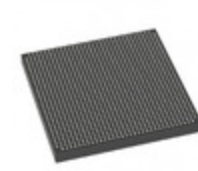
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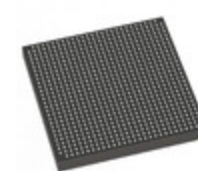
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IC FPGA 744 I/O 1152FBGA



EP3SE80F1152I3

Intel
IC FPGA 744 I/O 1152FBGA



EP3SE50F780I3N

Intel
IC FPGA 488 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.



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



Email

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Certifications & Memberships



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