

Image may be representation.
See specifications for product details.



EP4SGX360KF40C4N

Manufacturer Part Number **EP4SGX360KF40C4N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4SGX360KF40C4N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 744 I/O 1517FBGA**

Package **1517-BBGA, FCBGA**

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

[Stratix IV Devices.pdf](#)

[Stratix IV Device Handbook Vol.1.pdf](#)

RoHs Status **RoHS Compliant**

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EP4SGX360KF40C4N - Intel.New Original in Stock. Download Linear Technology EP4SGX360KF40C4N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4SGX360KF40C4N, please send us email: info@allelco.com

Specifications

EP4SGX360KF40C4N Tech Specifications

EP4SGX360KF40C4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	0.87V ~ 0.93V	Number of Logic Elements/Cells	353600
Total RAM Bits	23105536	Number of LABs/CLBs	14144
Supplier Device Package	1517-FBGA (40x40)	Number of I/O	744
Series	Stratix® IV GX	Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA	Base Product Number	EP4SGX360
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4SGX360KF40C4N

Product Attribute				
Part Number	EP4SGX360KF40C4N	EP4SGX360HF35I3N	EP4SGX360KF43C4N	EP4SGX360KF43I3N
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Base Product Number	EP4SGX360	EP4SGX360	EP4SGX360	EP4SGX360
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	23105536	23105536	23105536	23105536
Series	Stratix® IV GX	Stratix® IV GX	Stratix® IV GX	Stratix® IV GX
Number of Logic Elements/Cells	353600	353600	353600	353600
Number of LABs/CLBs	14144	14144	14144	14144
Number of I/O	744	564	880	880
Package / Case	1517-BBGA, FCBGA	1152-BBGA, FCBGA	1760-BBGA, FCBGA	1760-BBGA, FCBGA
Supplier Device Package	1517-FBGA (40x40)	1152-FBGA (35x35)	1760-FCBGA (42.5x42.5)	1760-FCBGA (42.5x42.5)

EP4SGX360KF40C4N Datasheet PDF

Download EP4SGX360KF40C4N pdf datasheets and Intel documentation for EP4SGX360KF40C4N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Stratix IV Devices.pdf](#)

[Stratix IV Device Handbook Vol.1.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

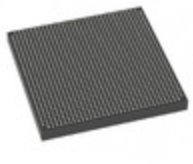
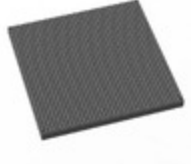
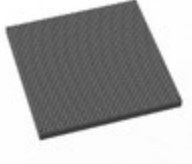

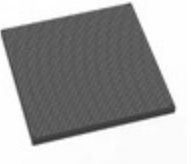
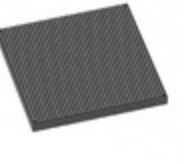
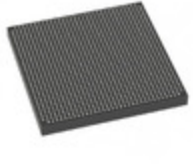
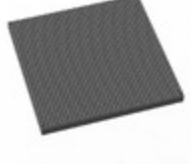
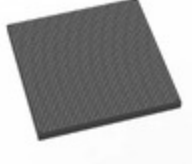
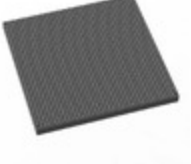
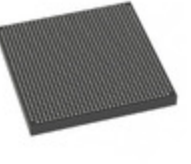
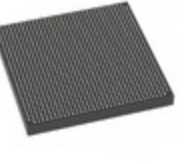
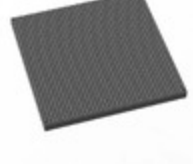

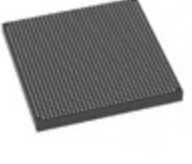
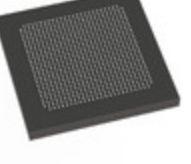
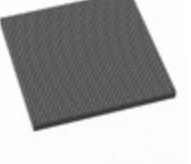

[Readiness Plan Update 3/Apr/2020.pdf](#)

Errata

[Stratix IV GX Errata.pdf](#)

Customers Also Interested in

Recommended Products

					
EP4SGX360HF35I3N Intel IC FPGA 564 I/O 1152FBGA	EP4SGX360KF43C4N Intel IC FPGA 880 I/O 1760FCBGA	EP4SGX360KF43I3N Intel IC FPGA 880 I/O 1760FCBGA	EP4SGX360KF40C4 Intel IC FPGA 744 I/O 1517FBGA	EP4SGX360NF45I3 Intel IC FPGA 920 I/O 1932FBGA	EP4SGX360KF40C3N Intel IC FPGA 744 I/O 1517FBGA
					
EP4SGX360HF35I4N Intel IC FPGA 564 I/O 1152FBGA	EP4SGX530HH35C3N Intel IC FPGA 564 I/O 1152HBGA	EP4SGX360NF45I3N Intel IC FPGA 920 I/O 1932FBGA	EP4SGX530HH35C2N Intel IC FPGA 564 I/O 1152HBGA	EP4SGX360HF35C3N Intel IC FPGA 564 I/O 1152FBGA	EP4SGX360HF35C4N Intel IC FPGA 564 I/O 1152FBGA
					
EP4SGX530HH35C4N Intel IC FPGA 564 I/O 1152HBGA	EP4SGX360KF40C2N Intel IC FPGA 744 I/O 1517FBGA	EP4SGX360HF35C2N Intel IC FPGA 564 I/O 1152FBGA	EP4SGX360FH29C3N Intel IC FPGA 289 I/O 780HBGA	EP4SGX360KF43I4N Intel IC FPGA 880 I/O 1760FCBGA	EP4SGX360KF40I4N Intel IC FPGA 744 I/O 1517FBGA

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

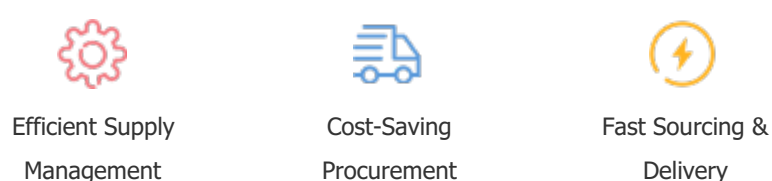
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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