

Image may be representation.
See specifications for product details.



EP4S40G5H40I1

Manufacturer Part Number	EP4S40G5H40I1
Manufacturer	Intel
Allelco Part Number	32D-EP4S40G5H40I1
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 654 I/O 1517HBGA
Package	1517-BBGA, FCBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Stratix IV Device Handbook Vol.4.pdf Stratix IV Device Handbook Vol.1.pdf

Get a Quote

EP4S40G5H40I1 - Intel.New Original in Stock. Download Linear Technology EP4S40G5H40I1 datasheet/specifications on AllelcoElec.com.
Request a quote for EP4S40G5H40I1, please send us email: info@allelco.com

Specifications

EP4S40G5H40I1 Tech Specifications
EP4S40G5H40I1 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 100°C (TJ)
Voltage - Supply	0.92V ~ 0.98V	Number of Logic Elements/Cells	531200
Total RAM Bits	28033024	Number of LABs/CLBs	21248
Supplier Device Package	1517-HBGA (42.5x42.5)	Number of I/O	654
Series	STRATIX® IV GT	Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA	Base Product Number	EP4S40G5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4S40G5H40I1

Product Attribute				
Part Number	EP4S40G5H40I1	EP4S40G5H40I3N	EP4S40G2F40I3N	EP4S40G5H40I2NAD
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	21248	21248	9120	212480
Package / Case	1517-BBGA, FCBGA	1517-BBGA, FCBGA	1517-BBGA, FCBGA	1517-BBGA, FCBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	STRATIX® IV GT	STRATIX® IV GT	STRATIX® IV GT	STRATIX® IV GT
Supplier Device Package	1517-HBGA (42.5x42.5)	1517-HBGA (42.5x42.5)	1517-FBGA (40x40)	1517-HBGA (42.5x42.5)
Base Product Number	EP4S40G5	EP4S40G5	EP4S40G2	-
Number of I/O	654	654	654	654
Voltage - Supply	0.92V ~ 0.98V	0.92V ~ 0.98V	0.92V ~ 0.98V	0.92V ~ 0.98V
Total RAM Bits	28033024	28033024	17544192	28033024
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	531200	531200	228000	531200
Package	Tray	Tray	Tray	Tray

EP4S40G5H40I1 Datasheet PDF

Download EP4S40G5H40I1 pdf datasheets and Intel documentation for EP4S40G5H40I1 - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

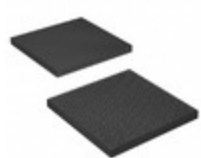
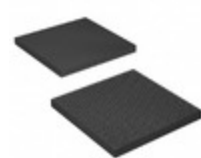
Stratix IV Device Handbook Vol.4.pdf

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Customers Also Interested in

Recommended Products

 EP4S40G5H40I3N Intel IC FPGA 654 I/O 1517HBGA	 EP4S40G2F40I3N Intel IC FPGA 654 I/O 1517FBGA	 EP4S40G5H40I2NAD Intel IC FPGA 654 I/O 1517HBGA	 EP4S40G5H40C3N NO PICTURE	 EP4SE230F29I3N Intel IC FPGA 488 I/O 780FBGA	 EP4S40G5H40C2N Altera (Intel)
 EP4S40G5H40I2N Intel IC FPGA 654 I/O 1517HBGA	 EP4S40G2F40I3 Intel IC FPGA 654 I/O 1517FBGA	 EP4S40G2F40I2NAA Intel IC FPGA 654 I/O 1517FBGA	 EP4S40G2F40I2NAB Intel IC FPGA 654 I/O 1517FBGA	 EP4SE230F29C2N Intel IC FPGA 488 I/O 780FBGA	 EP4S40G5H40 Altera (Intel)

**EP4SE230F29I4N**Intel
IC FPGA 488 I/O 780FBGA**EP4S40G2F40I1N**Intel
IC FPGA 654 I/O 1517FBGA**EP4S40G2F40I2N**Intel
IC FPGA 654 I/O 1517FBGA**EP4S40G5H40I1N**Intel
IC FPGA 654 I/O 1517HBGA

NO PICTURE

**EP4SE230F29C4N**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.



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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