

Image may be representation.
See specifications for product details.



XC7V585T-1FFG1761I

Manufacturer Part Number	XC7V585T-1FFG1761I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7V585T-1FFG1761I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 850 I/O 1761FCBGA
Package	1760-BBGA, FCBGA
Data sheet	Virtex-7 FPGAs Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7V585T-1FFG1761I - AMD.New Original in Stock. Download Linear Technology XC7V585T-1FFG1761I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7V585T-1FFG1761I, please send us email: info@allelco.com

Specifications

XC7V585T-1FFG1761I Tech Specifications

XC7V585T-1FFG1761I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	0.97V ~ 1.03V	Number of Logic Elements/Cells	582720
Total RAM Bits	29306880	Number of LABs/CLBs	45525
Supplier Device Package	1761-FCBGA (42.5x42.5)	Number of I/O	850
Series	Virtex®-7 T	Mounting Type	Surface Mount
Package / Case	1760-BBGA, FCBGA	Base Product Number	XC7V585
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7V585T-1FFG1761I

Product Attribute				
Part Number	XC7V585T-1FFG1761I	XC7VH580T-2FLG1931C	XC7V585T-2FFG1761I	XC7V585T-1FF1761I
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	850	600	850	850
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	582720	580480	582720	582720
Voltage - Supply	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V
Package / Case	1760-BBGA, FCBGA	-	1760-BBGA, FCBGA	1760-BBGA, FCBGA
Number of LABs/CLBs	45525	45350	45525	45525
Series	Virtex®-7 T	Virtex®-7 HT	Virtex®-7 T	Virtex®-7 T
Total RAM Bits	29306880	34652160	29306880	29306880
Supplier Device Package	1761-FCBGA (42.5x42.5)	1931-FCBGA (45x45)	1761-FCBGA (42.5x42.5)	1761-FCBGA (42.5x42.5)
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Base Product Number	XC7V585	-	XC7V585	XC7V585
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

XC7V585T-1FFG1761I Datasheet PDF

Download XC7V585T-1FFG1761I pdf datasheets and AMD documentation for XC7V585T-1FFG1761I - AMD.

Datasheets

[Virtex-7 FPGAs Brief.pdf](#)

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Packaging

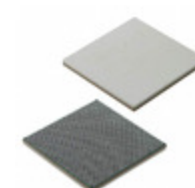
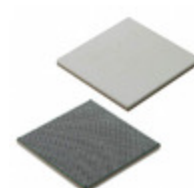
[2.73KHz.pdf](#)

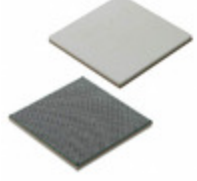
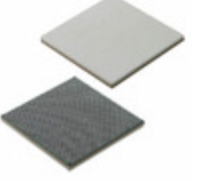
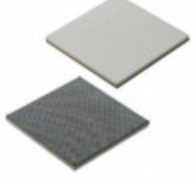
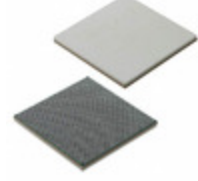
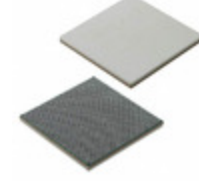
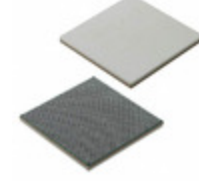
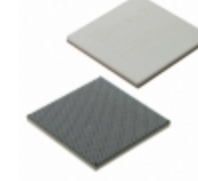


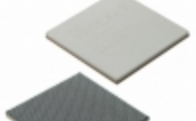
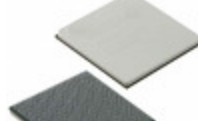


PCN Design/Specification

[Product Marking Chg 31/Oct/2016.pdf](#)

Customers Also Interested in

Recommended Products



XC7V690T-3FFG1158E AMD Xilinx	XC7VH580T-2FLG1931C AMD IC FPGA 600 I/O 1931FCBGA	XC7V200T-1FLG1925C AMD Xilinx	XC7V585T-2FFG1761I AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-1FF1761I AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-3FFG1761E AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-1FF1761I AMD Xilinx
						
XC7V2000T-L2FHG1761E AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-1FFG1761C AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-2FF1761I AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-2FFG1761C AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-3FFG1761E AMD IC FPGA 850 I/O 1761FCBGA	XC7V585T-L2FFG1761E Xilinx Inc. IC FPGA 850 I/O 1761FCBGA	
						
XC7V2000T-2FLG1925I AMD Xilinx	XC7V415T-2FFG1158I AMD Xilinx	XC7V585T-2FF1761C Xilinx IC FPGA 850 I/O 1761FCBGA	XC7V585T-1FFG1157C AMD IC FPGA 600 I/O 1157FCBGA	XC7V2000T-L2FHG1761E0879 AMD Xilinx	XC7V2000T-L2FLG1925E Xilinx Inc. IC FPGA 1200 I/O 1925FCBGA	

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.

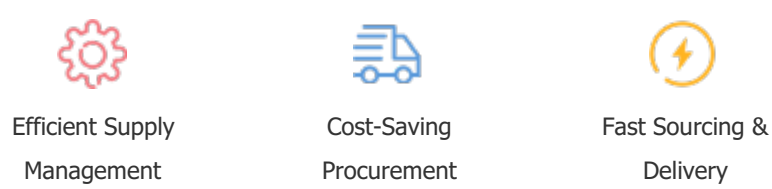
Payment Support

The payment method can be chosen from the methods shown below:

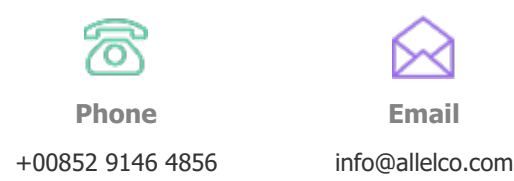
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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