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See specifications for product details.



XC7V585T-2FFG1761C

Manufacturer Part Number	XC7V585T-2FFG1761C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7V585T-2FFG1761C
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-2FFG1761C - AMD.New Original in Stock. Download Linear Technology XC7V585T-2FFG1761C datasheet/specifications on AllelcoElec.com.
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Specifications

XC7V585T-2FFG1761C Tech Specifications

XC7V585T-2FFG1761C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°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-2FFG1761C

Product Attribute				
Part Number	XC7V585T-2FFG1761C	XC7V585T-1FF1761I	XC7VX1140T-1FL1928C	XC7V585T-1FFG1761I
Manufacturer	AMD	AMD	Xilinx	AMD
Voltage - Supply	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97 V ~ 1.03 V	0.97V ~ 1.03V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC7V585	XC7V585	-	XC7V585
Number of LABs/CLBs	45525	45525	89000	45525
Number of I/O	850	850	480	850
Supplier Device Package	1761-FCBGA (42.5x42.5)	1761-FCBGA (42.5x42.5)	1928-FCBGA (45x45)	1761-FCBGA (42.5x42.5)
Series	Virtex®-7 T	Virtex®-7 T	Virtex®-7 XT	Virtex®-7 T
Total RAM Bits	29306880	29306880	69304320	29306880
Package	Tray	Tray	-	Tray
Package / Case	1760-BBGA, FCBGA	1760-BBGA, FCBGA	1924-BBGA, FCBGA	1760-BBGA, FCBGA
Number of Logic Elements/Cells	582720	582720	1139200	582720
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)

XC7V585T-2FFG1761C Datasheet PDF

Download XC7V585T-2FFG1761C pdf datasheets and AMD documentation for XC7V585T-2FFG1761C - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

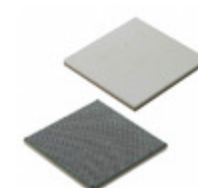
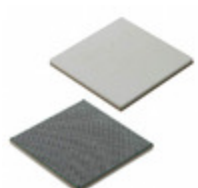
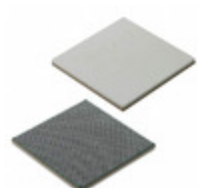
[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

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Recommended Products



XC7V585T-1FF1761I AMD IC FPGA 850 I/O 1761FCBGA 	XC7VX1140T-1FL1928C Xilinx IC FPGA 480 I/O 1928FCBGA 	XC7V585T-1FFG1761I AMD IC FPGA 850 I/O 1761FCBGA 	XC7VH580T-2FLG1931C AMD IC FPGA 600 I/O 1931FCBGA 	XC7V690T-3FFG1158E AMD Xilinx 	XC7V585T-2FF1761I AMD IC FPGA 850 I/O 1761FCBGA 
XC7V585T-1FFG1761C AMD IC FPGA 850 I/O 1761FCBGA 	XC7V585T-3FFG1761E AMD IC FPGA 850 I/O 1761FCBGA 	XC7VH580T-2HCG1155C AMD Xilinx 	XC7V585T-1FFG1157C AMD IC FPGA 600 I/O 1157FCBGA 	XC7V585T-2FFG1761I AMD IC FPGA 850 I/O 1761FCBGA 	XC7V415T-2FFG1158I AMD Xilinx 
XC7V585T-L2FFG1761E Xilinx Inc. IC FPGA 850 I/O 1761FCBGA 	XC7V585T-2FF1761C Xilinx IC FPGA 850 I/O 1761FCBGA 	XC7V585T-1FF176I AMD Xilinx 	XC7V200T-1FLG1925C AMD Xilinx 	XC7VX1140T-1FLG1926C Xilinx IC FPGA 720 I/O 1926FCBGA 	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.

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

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