

Image may be representation.
See specifications for product details.



XC7VX690T-3FFG1158E

Manufacturer Part Number	XC7VX690T-3FFG1158E
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7VX690T-3FFG1158E
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 350 I/O 1158FCBGA
Package	1156-BBGA, FCBGA
Data sheet	Virtex-7 FPGAs Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7VX690T-3FFG1158E - AMD.New Original in Stock. Download Linear Technology XC7VX690T-3FFG1158E datasheet/specifications on AllelcoElec.com.
Request a quote for XC7VX690T-3FFG1158E, please send us email: info@allelco.com

Specifications

XC7VX690T-3FFG1158E Tech Specifications
XC7VX690T-3FFG1158E - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 100°C (TJ)
Voltage - Supply	0.97V ~ 1.03V	Number of Logic Elements/Cells	693120
Total RAM Bits	54190080	Number of LABs/CLBs	54150
Supplier Device Package	1158-FCBGA (35x35)	Number of I/O	350
Series	Virtex®-7 XT	Mounting Type	Surface Mount
Package / Case	1156-BBGA, FCBGA	Base Product Number	XC7VX690
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7VX690T-3FFG1158E

Product Attribute				
Part Number	XC7VX690T-3FFG1158E	XC7VX690T-2FFG1927C	XC7VX690T-L2FFG1158E	XC7VX690T-3FFG1157E
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	693120	693120	693120	693120
Supplier Device Package	1158-FCBGA (35x35)	1927-FCBGA (45x45)	1158-FCBGA (35x35)	1157-FCBGA (35x35)
Voltage - Supply	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	54150	54150	54150	54150
Base Product Number	XC7VX690	XC7VX690	XC7VX690	XC7VX690
Number of I/O	350	600	350	600
Package / Case	1156-BBGA, FCBGA	1924-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA
Total RAM Bits	54190080	54190080	54190080	54190080
Series	Virtex®-7 XT	Virtex®-7 XT	Virtex®-7 XT	Virtex®-7 XT

XC7VX690T-3FFG1158E Datasheet PDF

Download XC7VX690T-3FFG1158E pdf datasheets and AMD documentation for XC7VX690T-3FFG1158E - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

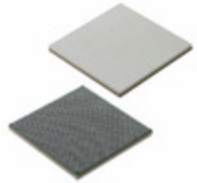
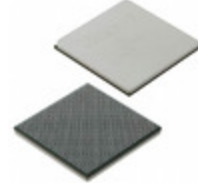
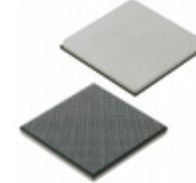
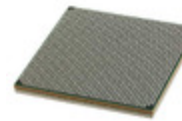
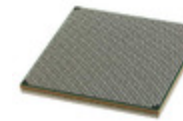
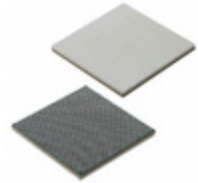

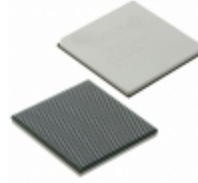


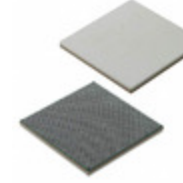
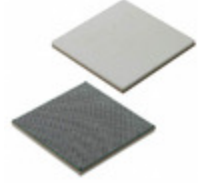
PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

XC7VX690T-2FFG1927C	XC7VX690T-L2FFG1158E	XC7VX690T-3FFG1157E	XC7VX690T-L2FFG1926E	XC7VX690T-3FFG1158I	XC7VX690T-2FFG1926I
AMD IC FPGA 600 I/O 1927FCBGA	AMD IC FPGA 350 I/O 1158FCBGA	AMD IC FPGA 600 I/O 1157FCBGA	AMD IC FPGA 720 I/O 1926FCBGA	AMD Xilinx	AMD IC FPGA 720 I/O 1926FCBGA

					
XC7VX690T-3FFG1761E	XC7VX690T-2FFG1158C	XC7VX690T-2FFG1158I	XC7VX690T-2FFG1927I	XC7VX690T-3FFG1926E	XC7VX690T-L2FFG1761E
AMD IC FPGA 850 I/O 1761FCBGA	AMD IC FPGA 350 I/O 1158FCBGA	AMD IC FPGA 350 I/O 1158FCBGA	AMD IC FPGA 600 I/O 1927FCBGA	AMD IC FPGA 720 I/O 1926FCBGA	AMD IC FPGA 850 I/O 1761FCBGA
					
XC7VX690T-3FFG1157C	XC7VX690T-L2FFG1157E	XC7VX690T-2FFG1930I	XC7VX690T-FFG1158I	XC7VX690T-2FFG1761C	XC7VX690T-2FFG1761I
AMD Xilinx	Xilinx IC FPGA 600 I/O 1157FCBGA	AMD IC FPGA 1000 I/O 1930FCBGA	AMD Xilinx	AMD IC FPGA 850 I/O 1761FCBGA	AMD IC FPGA 850 I/O 1761FCBGA

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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