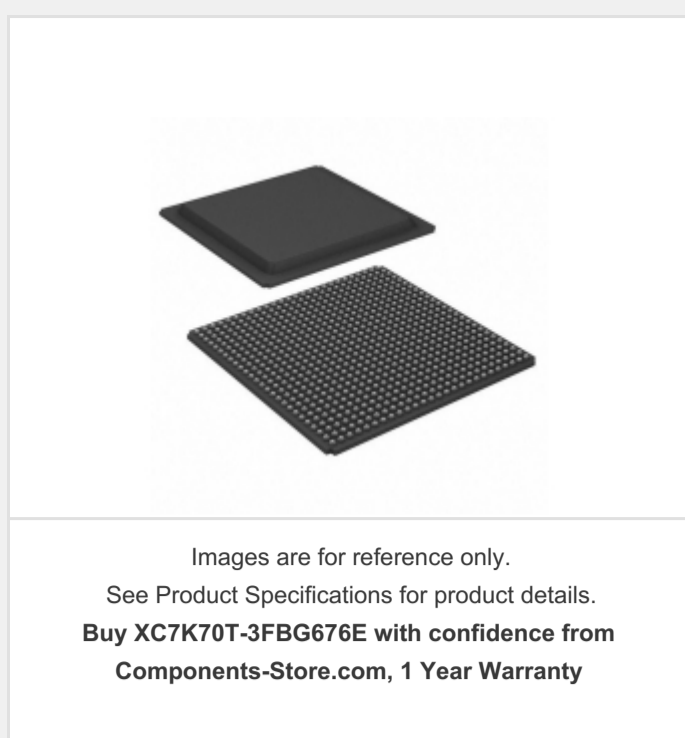


## XC7K70T-3FBG676E



**Part Number:** [XC7K70T-3FBG676E](#)  
**Manufacturer:** [Xilinx](#)  
**Description:** IC FPGA 300 I/O 676FCBGA  
**Data sheet:** [PDF Kintex-7 FPGAs Datasheet](#)  
[PDF 7 Series FPGA Overview](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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[Request For Quotation](#)

### PRODUCT PARAMETER

Part Number	<a href="#">XC7K70T-3FBG676E</a>
Manufacturer	<a href="#">Xilinx</a>
Description	IC FPGA 300 I/O 676FCBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	364 pcs
Product Photo	<a href="#">XC7K70T-3FBG676E.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply	0.97 V ~ 1.03 V
Total RAM Bits	4976640
Supplier Device Package	676-FCBGA (27x27)
Series	Kintex®-7
Package / Case	676-BBGA, FCBGA
Other Names	122-1817 XC7K70T3FBG676E
Operating Temperature	0°C ~ 100°C (TJ)
Number of Logic Elements/Cells	65600
Number of LABs/CLBs	5125
Number of I/O	300
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	4 (72 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	XC7K70T

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	Part#: <a href="#">XC7S100-2FGGA676I</a> Description: XC7S100-2FGGA676I	Manufacturers: <a href="#">Xilinx</a> In Stock: 736	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-1FGGA484C</a> Description: XC7S100-1FGGA484C	Manufacturers: <a href="#">Xilinx</a> In Stock: 967	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FBG484I</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 533	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-1FBG676I</a> Description: IC FPGA 300 I/O 676FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 582	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-1FGGA484I</a> Description: XC7S100-1FGGA484I	Manufacturers: <a href="#">Xilinx</a> In Stock: 800	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FB484I</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 425	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FBG484C</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 653	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-2FGGA676C</a> Description: XC7S100-2FGGA676C	Manufacturers: <a href="#">Xilinx</a> In Stock: 770	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-L2FBG484E</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 557	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-L2FBG676E</a> Description: IC FPGA 300 I/O 676FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 500	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-1FBG676C</a> Description: IC FPGA 300 I/O 676FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 595	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FBG676I</a> Description: IC FPGA 300 I/O 676FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 478	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-2FGGA484I</a> Description: XC7S100-2FGGA484I	Manufacturers: <a href="#">Xilinx</a> In Stock: 735	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FBG676C</a> Description: IC FPGA 300 I/O 676FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 492	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-1FGGA676I</a> Description: XC7S100-1FGGA676I	Manufacturers: <a href="#">Xilinx</a> In Stock: 924	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-3FBG484E</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 403	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-2FB484C</a> Description: IC FPGA 185 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 573	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-2FGGA484C</a> Description: XC7S100-2FGGA484C	Manufacturers: <a href="#">Xilinx</a> In Stock: 795	<a href="#">RFQ</a>
	Part#: <a href="#">XC7K70T-1FBV484C</a> Description: IC FPGA 285 I/O 484FCBGA	Manufacturers: <a href="#">Xilinx</a> In Stock: 647	<a href="#">RFQ</a>
	Part#: <a href="#">XC7S100-1FGGA676C</a> Description: XC7S100-1FGGA676C	Manufacturers: <a href="#">Xilinx</a> In Stock: 857	<a href="#">RFQ</a>

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