



### XCV100E-7PQ240C

Part Number: **XCV100E-7PQ240C**  
 Product Description: IC FPGA 158 I/O 240QFP  
 RoHs Status: Contains lead / RoHS non-compliant  
 Datasheets: [XCV100E-7PQ240C.pdf](#)

Manufacturer/Brand: Xilinx  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	XCV100E-7PQ240C	<b>Manufacturer</b>	Xilinx
<b>Description</b>	IC FPGA 158 I/O 240QFP	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Data sheet</b>	<a href="#">XCV100E-7PQ240C.pdf</a>		
<b>Voltage - Supply</b>	1.71 V ~ 1.89 V	<b>Total RAM Bits</b>	81920
<b>Supplier Device Package</b>	240-PQFP (32x32)	<b>Series</b>	Virtex®-E
<b>Package / Case</b>	240-BFQFP	<b>Operating Temperature</b>	0°C ~ 85°C (TJ)
<b>Number of Logic Elements/Cells</b>	2700	<b>Number of LABs/CLBs</b>	600
<b>Number of I/O</b>	158	<b>Number of Gates</b>	128236
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant	<b>Base Part Number</b>	XCV100E

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