



### XCZU7EG-L1FFVC1156I

Part Number: **XCZU7EG-L1FFVC1156I**  
 Product Description: IC FPGA 360 I/O 1156FCBGA  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.XCZU7EG-L1FFVC1156I.pdf](#)  
[2.XCZU7EG-L1FFVC1156I.pdf](#)  
[3.XCZU7EG-L1FFVC1156I.pdf](#)  
[4.XCZU7EG-L1FFVC1156I.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

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<b>Data sheet</b>	1.XCZU7EG-L1FFVC1156I.pdf2.XCZU7EG-L1FFVC1156I.pdf3.XCZU7EG-L1FFVC1156I.pdf4.XCZU7EG-L1FFVC1156I.pdf		
<b>Supplier Device Package</b>	1156-FCBGA (35x35)	<b>Speed</b>	500MHz, 600MHz, 1.2GHz
<b>Series</b>	Zynq@ UltraScale+™ MPSoC EG	<b>RAM Size</b>	256KB
<b>Primary Attributes</b>	Zynq@UltraScale+™ FPGA, 504K+ Logic Cells	<b>Peripherals</b>	DMA, WDT
<b>Packaging</b>	Tray	<b>Package / Case</b>	1156-BBGA, FCBGA
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)	<b>Number of I/O</b>	360
<b>Moisture Sensitivity Level (MSL)</b>	4 (72 Hours)	<b>Manufacturer Standard Lead Time</b>	10 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Flash Size</b>	-
<b>Detailed Description</b>	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2 System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC EG Zynq@UltraScale+™ FPGA, 504K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 1156-FCBGA (35x35)	<b>Core Processor</b>	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
<b>Connectivity</b>	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	<b>Architecture</b>	MCU, FPGA

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