



XCZU7EV-3FFVC1156E

Part Number:	XCZU7EV-3FFVC1156E
Manufacturer/Brand:	Xilinx
Product description:	IC FPGA 360 I/O 1156FCBGA PDF 1.XCZU7EV-3FFVC1156E.pdf PDF 2.XCZU7EV-3FFVC1156E.pdf PDF 3.XCZU7EV-3FFVC1156E.pdf PDF 4.XCZU7EV-3FFVC1156E.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of XCZU7EV-3FFVC1156E

PART NUMBER	XCZU7EV-3FFVC1156E
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA 360 I/O 1156FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.XCZU7EV-3FFVC1156E.pdf PDF 2.XCZU7EV-3FFVC1156E.pdf PDF 3.XCZU7EV-3FFVC1156E.pdf PDF 4.XCZU7EV-3FFVC1156E.pdf
SUPPLIER DEVICE PACKAGE	1156-FCBGA (35x35)
SPEED	600MHz, 1.5GHz
SERIES	Zynq® UltraScale+™ MPSoC EV
RAM SIZE	256KB
PRIMARY ATTRIBUTES	Zynq®UltraScale+™ FPGA, 504K+ Logic Cells
PERIPHERALS	DMA, WDT
PACKAGING	Tray
PACKAGE / CASE	1156-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	360
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	-
DETAILED DESCRIPTION	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™ System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC EV Zynq®UltraScale+™ FPGA, 504K+ Logic Cells 256KB 600MHz, 1.5GHz 1156-FCBGA (35x35)
CORE PROCESSOR	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

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