



Xilinx



ALL PROGRAMMABLE.

XCZU7EV-1FFVF1517I

Part Number:	XCZU7EV-1FFVF1517I
Manufacturer/Brand:	Xilinx
Product description	IC FPGA 464 I/O 1517FCBGA PDF 1.XCZU7EV-1FFVF1517I.pdf PDF 2.XCZU7EV-1FFVF1517I.pdf PDF 3.XCZU7EV-1FFVF1517I.pdf PDF 4.XCZU7EV-1FFVF1517I.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of XCZU7EV-1FFVF1517I

PART NUMBER	XCZU7EV-1FFVF1517I
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA 464 I/O 1517FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.XCZU7EV-1FFVF1517I.pdf PDF 2.XCZU7EV-1FFVF1517I.pdf PDF 3.XCZU7EV-1FFVF1517I.pdf PDF 4.XCZU7EV-1FFVF1517I.pdf
SUPPLIER DEVICE PACKAGE	1517-FCBGA (40x40)
SPEED	500MHz, 600MHz, 1.2GHz
SERIES	Zynq® UltraScale+™ MPSoC EV
RAM SIZE	256KB
PRIMARY ATTRIBUTES	Zynq®UltraScale+™ FPGA, 504K+ Logic Cells
PERIPHERALS	DMA, WDT
PACKAGING	Tray
PACKAGE / CASE	1517-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	464
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™, ARM Mali™-400 MP2 System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC EV Zynq®UltraScale+™ FPGA, 504K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 1517-FCBGA (40x40)
CORE PROCESSOR	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

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