



Xilinx



Image may be representation. See specifications for product details.

XCZU6EG-L2FFVB1156E

Part Number: XCZU6EG-L2FFVB1156E

Manufacturer/Brand: Xilinx

Product description: IC FPGA 328 I/O 1156FCBGA

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Datasheets:

RoHs Status:  Lead free / RoHS Compliant

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Specifications of XCZU6EG-L2FFVB1156E

PART NUMBER	XCZU6EG-L2FFVB1156E
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA 328 I/O 1156FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27 pcs
DATA SHEET	PDF 1.XCZU6EG-L2FFVB1156E.pdf PDF 2.XCZU6EG-L2FFVB1156E.pdf PDF 3.XCZU6EG-L2FFVB1156E.pdf PDF 4.XCZU6EG-L2FFVB1156E.pdf
SUPPLIER DEVICE PACKAGE	1156-FCBGA (35x35)
SPEED	533MHz, 600MHz, 1.3GHz
SERIES	Zynq® UltraScale+™ MPSoC EG
RAM SIZE	256KB
PRIMARY ATTRIBUTES	Zynq®UltraScale+™ FPGA, 469K+ Logic Cells
PERIPHERALS	DMA, WDT
PACKAGING	Tray
PACKAGE / CASE	1156-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	328
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 Hours)
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 EG Zynq®UltraScale+™ FPGA, 469K+ Logic Cells 256KB 533MHz, 600MHz, 1.3GHz 1156-FCBGA (35x35)
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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