



Xilinx



ALL PROGRAMMABLE

XCZU5EG-1SFVC784E

Part Number:	XCZU5EG-1SFVC784E
Manufacturer/Brand:	Xilinx
Product description	IC FPGA 252 I/O 784FCBGA PDF 1.XCZU5EG-1SFVC784E.pdf PDF 2.XCZU5EG-1SFVC784E.pdf PDF 3.XCZU5EG-1SFVC784E.pdf PDF 4.XCZU5EG-1SFVC784E.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 XCZU5EG-1SFVC784E

PART NUMBER	XCZU5EG-1SFVC784E
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA 252 I/O 784FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.XCZU5EG-1SFVC784E.pdf PDF 2.XCZU5EG-1SFVC784E.pdf PDF 3.XCZU5EG-1SFVC784E.pdf PDF 4.XCZU5EG-1SFVC784E.pdf
SUPPLIER DEVICE PACKAGE	784-FCBGA (23x23)
SPEED	500MHz, 600MHz, 1.2GHz
SERIES	Zynq® UltraScale+™ MPSoC EG
RAM SIZE	256KB
PRIMARY ATTRIBUTES	Zynq®UltraScale+™ FPGA, 256K+ Logic Cells
PERIPHERALS	DMA, WDT
PACKAGING	Tray
PACKAGE / CASE	784-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	252
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 EG Zynq®UltraScale+™ FPGA, 256K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 784-FCBGA (23x23)
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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