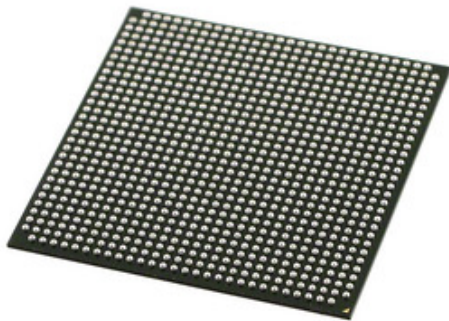




Altera (Intel® Programmable

Solutions Group)



Part Number: 5CSXFC5D6F31C8N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description IC FPGA 288 I/O 896FBGA

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Image may be representation. See specifications for product details.

Specifications of 5CSXFC5D6F31C8N

PART NUMBER	5CSXFC5D6F31C8N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	519 pcs
DATA SHEET	PDF 1.5CSXFC5D6F31C8N.pdf PDF 2.5CSXFC5D6F31C8N.pdf PDF 3.5CSXFC5D6F31C8N.pdf PDF 4.5CSXFC5D6F31C8N.pdf PDF 5.5CSXFC5D6F31C8N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	600MHz
SERIES	Cyclone® V SX
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 85K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OTHER NAMES	544-3160 5CSXFC5D6F31C8N-ND
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	MCU - 181, FPGA - 288
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	-
DETAILED DESCRIPTION	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Cyclone® V SX FPGA - 85K Logic Elements 64KB 600MHz 896-FBGA (31x31)
CORE PROCESSOR	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
BASE PART NUMBER	5CSXFC5
ARCHITECTURE	MCU, FPGA

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