



Altera (Intel® Programmable

5CSXFC6D6F31I7NES

Part Number:	5CSXFC6D6F31I7NES
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA 288 I/O 896FBGA PDF 1.5CSXFC6D6F31I7NES.pdf PDF 2.5CSXFC6D6F31I7NES.pdf PDF 3.5CSXFC6D6F31I7NES.pdf PDF 4.5CSXFC6D6F31I7NES.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4079 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of 5CSXFC6D6F31I7NES

PART NUMBER	5CSXFC6D6F31I7NES
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4079 pcs
DATA SHEET	PDF 1.5CSXFC6D6F31I7NES.pdf PDF 2.5CSXFC6D6F31I7NES.pdf PDF 3.5CSXFC6D6F31I7NES.pdf PDF 4.5CSXFC6D6F31I7NES.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Cyclone® V SX
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 110K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OPERATING TEMPERATURE	-40°C ~ 100°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 - 110K Logic Elements 64KB 800MHz 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	5CSXFC6
ARCHITECTURE	MCU, FPGA

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