

5CSXFC5D6F31I7N

Part Number: **5CSXFC5D6F31I7N**
 Product Description: IC FPGA 288 I/O 896FBGA
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.5CSXFC5D6F31I7N.pdf](#)
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Manufacturer/Brand: Intel® FPGAs
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Product details

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Description	IC FPGA 288 I/O 896FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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Supplier Device Package	896-FBGA (31x31)	Speed	800MHz
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	544-3531 5CSXFC5D6F31I7N-ND	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	MCU - 181, FPGA - 288	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	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 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	5CSXFC5	Architecture	MCU, FPGA

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