



Intel® FPGAs



5CSXFC6D6F31A7N

Part Number:	5CSXFC6D6F31A7N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 288 I/O 896FBGA
	 1.5CSXFC6D6F31A7N.pdf
	 2.5CSXFC6D6F31A7N.pdf
	 3.5CSXFC6D6F31A7N.pdf
	 4.5CSXFC6D6F31A7N.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	241 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

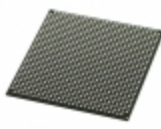
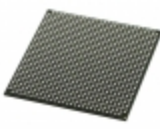
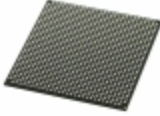
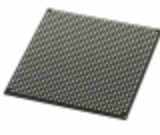
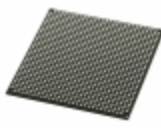
Specifications of 5CSXFC6D6F31A7N

PART NUMBER	5CSXFC6D6F31A7N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	241 pcs
DATA SHEET	 1.5CSXFC6D6F31A7N.pdf  2.5CSXFC6D6F31A7N.pdf  3.5CSXFC6D6F31A7N.pdf  4.5CSXFC6D6F31A7N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	700MHz
SERIES	Automotive, AEC-Q100, Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 110K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OPERATING TEMPERATURE	-40°C ~ 125°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 Automotive, AEC-Q100, Cyclone® V SE FPGA - 110K Logic Elements 64KB 700MHz 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
ARCHITECTURE	MCU, FPGA

Related Tags

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 5CSXFC6D6F31C7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 363 pcs RFQ	 5CSXFC6D6F31C8NES Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 3128 pcs RFQ
 5CSXFC6C6U23I7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 145 I/O 672UBGA In stock: 345 pcs RFQ	 5CSXFC6D6F31I7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 260 pcs RFQ
 5CSXFC6C6U23I7LN Manufacturers: Intel® FPGAs Description: 672-PIN UBGA In stock: 318 pcs RFQ	 5CSXFC6D6F31I7 Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 287 pcs RFQ
 5CSXFC6C6U23I7NTS Manufacturers: Intel® FPGAs Description: 672-PIN UBGA In stock: 290 pcs RFQ	 5CSXFC6D6F31C8N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 368 pcs RFQ
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