



Altera (Intel® Programmable Solutions Group)

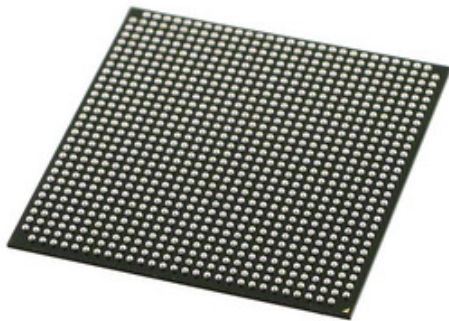


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Part Number:	5CSTFD5D5F31I7N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 288 I/O 896FBGA PDF 1.5CSTFD5D5F31I7N.pdf PDF 2.5CSTFD5D5F31I7N.pdf PDF 3.5CSTFD5D5F31I7N.pdf PDF 4.5CSTFD5D5F31I7N.pdf PDF 5.5CSTFD5D5F31I7N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 5CSTFD5D5F31I7N

PART NUMBER	5CSTFD5D5F31I7N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.5CSTFD5D5F31I7N.pdf PDF 2.5CSTFD5D5F31I7N.pdf PDF 3.5CSTFD5D5F31I7N.pdf PDF 4.5CSTFD5D5F31I7N.pdf PDF 5.5CSTFD5D5F31I7N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Cyclone® V ST
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 85K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OTHER NAMES	544-3159 5CSTFD5D5F31I7N-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 ST 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	5CSTFD5
ARCHITECTURE	MCU, FPGA

Related Tags

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 5CSX-H6-42A-RI Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: 8 pcs RFQ	 5CSEMA6U23A7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: Out stock RFQ
 5CSEMA6U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: Out stock RFQ	 5CSX-H6-42A-RC Manufacturers: Critical Link Description: MITYSOM5CSX ALTERA CYCLONE V SOC In stock: Out stock RFQ
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