



Altera (Intel® Programmable

Solutions Group)



5CSTFD6D5F31I7N

Part Number:	5CSTFD6D5F31I7N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 288 I/O 896FBGA PDF 1.5CSTFD6D5F31I7N.pdf PDF 2.5CSTFD6D5F31I7N.pdf PDF 3.5CSTFD6D5F31I7N.pdf PDF 4.5CSTFD6D5F31I7N.pdf PDF 5.5CSTFD6D5F31I7N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 5CSTFD6D5F31I7N

PART NUMBER	5CSTFD6D5F31I7N
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 1.5CSTFD6D5F31I7N.pdf PDF 2.5CSTFD6D5F31I7N.pdf PDF 3.5CSTFD6D5F31I7N.pdf PDF 4.5CSTFD6D5F31I7N.pdf PDF 5.5CSTFD6D5F31I7N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Cyclone® V ST
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 110K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OTHER NAMES	544-3446 5CSTFD6D5F31I7N-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 - 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	5CSTFD6
ARCHITECTURE	MCU, FPGA

Related Tags

Altera (Intel® Programmable Solutions Group) 5CSTFD6D5F31I7N	5CSTFD6D5F31I7N Distributor	5CSTFD6D5F31I7N Supplier
5CSTFD6D5F31I7N Price	5CSTFD6D5F31I7N Pictures	5CSTFD6D5F31I7N Image
5CSTFD6D5F31I7N PDF Datasheet	5CSTFD6D5F31I7N Download Datasheet	5CSTFD6D5F31I7N Datasheet
5CSTFD6D5F31I7N Stock	Buy 5CSTFD6D5F31I7N	Buy Altera (Intel® Programmable Solutions Group) 5CSTFD6D5F31I7N
Altera (Intel® Programmable Solutions Group) 5CSTFD6D5F31I7N	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) 5CSTFD6D5F31I7N	Altera 5CSTFD6D5F31I7N	Altera (Intel® Programmable Solutions Group) 5CSTFD6D5F31I7N

Related Products

 5CSEMA6U23C6N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: Out stock RFQ	 5CSTFD5D5F31I7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 63 pcs RFQ
 5CSX-H5-4YA-RI Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: Out stock RFQ	 5CSX-H6-42A-RI Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: 8 pcs RFQ
 5CSX-H5-4YA-RC Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: Out stock RFQ	 5CSX-H6-4YA-RI Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: 76 pcs RFQ
 5CSX-H6-4YA-RC Manufacturers: Critical Link Description: MITYSOM-5CSX W/ ALTERA CYCLONE V In stock: Out stock RFQ	 5CSEMA6U23A7N 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	 5CSEMA6U23I7N 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	 5CSEMA6U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: Out stock RFQ