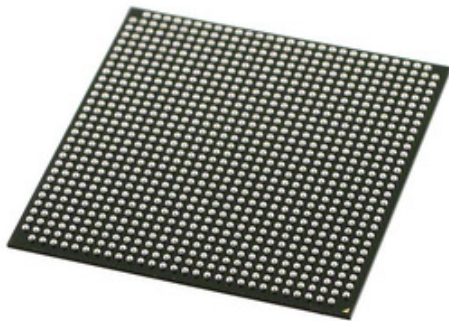




Altera (Intel® Programmable

Solutions Group)



5CSEMA5F31I7N

Part Number:	5CSEMA5F31I7N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 288 I/O 896FBGA PDF 1.5CSEMA5F31I7N.pdf PDF 2.5CSEMA5F31I7N.pdf PDF 3.5CSEMA5F31I7N.pdf PDF 4.5CSEMA5F31I7N.pdf PDF 5.5CSEMA5F31I7N.pdf
Datasheets:	
RoHs Status	✓ RoHS Lead free / RoHS Compliant
Stock Condition	487 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

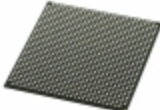
Specifications of 5CSEMA5F31I7N

PART NUMBER	5CSEMA5F31I7N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	487 pcs
DATA SHEET	PDF 1.5CSEMA5F31I7N.pdf PDF 2.5CSEMA5F31I7N.pdf PDF 3.5CSEMA5F31I7N.pdf PDF 4.5CSEMA5F31I7N.pdf PDF 5.5CSEMA5F31I7N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 85K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OTHER NAMES	544-3178 5CSEMA5F31I7N-ND
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 SE 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	5CSEMA5
ARCHITECTURE	MCU, FPGA

Related Tags

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 5CSEMA5F31C6N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 517 pcs RFQ	 5CSEMA5U23I7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 504 pcs RFQ
 5CSEMA6F31A7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 292 pcs RFQ	 5CSEMA5U23A7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 487 pcs RFQ
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 5CSEMA5U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 765 pcs RFQ	 5CSEMA4U23I7N Manufacturers: Intel® FPGAs Description: IC FPGA 224 I/O 672UBGA In stock: 750 pcs RFQ
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