



Intel® FPGAs

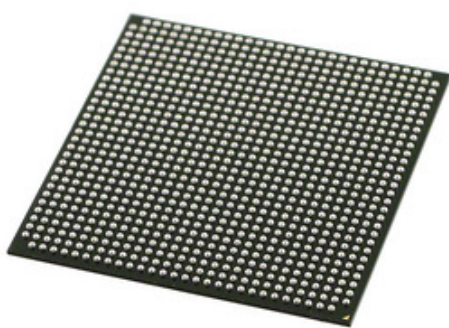


Image may be representation. See specifications for product details.

5CSEMA6F31C7N

Part Number:	5CSEMA6F31C7N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 288 I/O 896FBGA
	 1.5CSEMA6F31C7N.pdf
	 2.5CSEMA6F31C7N.pdf
	 3.5CSEMA6F31C7N.pdf
	 4.5CSEMA6F31C7N.pdf
	 5.5CSEMA6F31C7N.pdf
	 Lead free / RoHS Compliant
RoHs Status	
Stock Condition	460 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

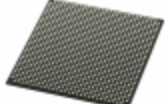
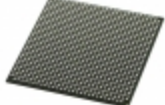
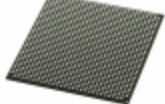
Specifications of 5CSEMA6F31C7N

PART NUMBER	5CSEMA6F31C7N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	460 pcs
DATA SHEET	 1.5CSEMA6F31C7N.pdf  2.5CSEMA6F31C7N.pdf  3.5CSEMA6F31C7N.pdf  4.5CSEMA6F31C7N.pdf  5.5CSEMA6F31C7N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 110K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BGA
OTHER NAMES	544-3535 5CSEMA6F31C7N-ND
OPERATING TEMPERATURE	0°C ~ 85°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 - 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	5CSEMA6
ARCHITECTURE	MCU, FPGA

Related Tags

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 5CSEMA6U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 414 pcs RFQ	 5CSEMA5U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 765 pcs RFQ
 5CSEMA6F31I7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 387 pcs RFQ	 5CSEMA5U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 598 pcs RFQ
 5CSEMA6F31A7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 292 pcs RFQ	 5CSEMA6U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 540 pcs RFQ
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 5CSEMA6F31C8N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 501 pcs RFQ	 5CSEMA5U23I7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 504 pcs RFQ