



Intel® FPGAs

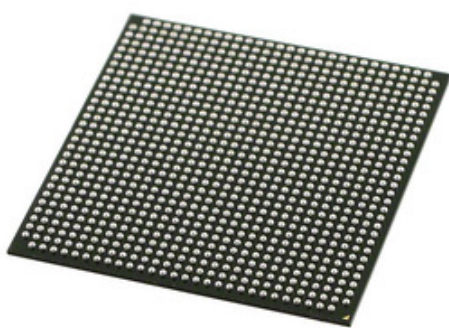


Image may be representation. See specifications for product details.

5CSEMA5F31C8N

Part Number:	5CSEMA5F31C8N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 288 I/O 896FBGA
	 1.5CSEMA5F31C8N.pdf
	 2.5CSEMA5F31C8N.pdf
	 3.5CSEMA5F31C8N.pdf
	 4.5CSEMA5F31C8N.pdf
	 5.5CSEMA5F31C8N.pdf
	 Lead free / RoHS Compliant
RoHs Status	682 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

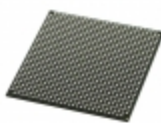
Specifications of 5CSEMA5F31C8N

PART NUMBER	5CSEMA5F31C8N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	682 pcs
DATA SHEET	 1.5CSEMA5F31C8N.pdf  2.5CSEMA5F31C8N.pdf  3.5CSEMA5F31C8N.pdf  4.5CSEMA5F31C8N.pdf  5.5CSEMA5F31C8N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	600MHz
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	544-3550 5CSEMA5F31C8N-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 - 85K Logic Elements 64KB 600MHz 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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 5CSEMA5U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 765 pcs RFQ	 5CSEMA5U23C6N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 440 pcs RFQ
 5CSEMA5F31C6N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 517 pcs RFQ	 5CSEMA5F31I7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 487 pcs RFQ
 5CSEMA4U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 188 I/O 672UBGA In stock: 854 pcs RFQ	 5CSEMA5F31A7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 378 pcs RFQ
 5CSEMA4U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 188 I/O 672UBGA In stock: 953 pcs RFQ	 5CSEMA4U23I7N Manufacturers: Intel® FPGAs Description: IC FPGA 224 I/O 672UBGA In stock: 750 pcs RFQ
 5CSEMA5U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 598 pcs RFQ	 5CSEMA5U23A7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 487 pcs RFQ