



Intel® FPGAs

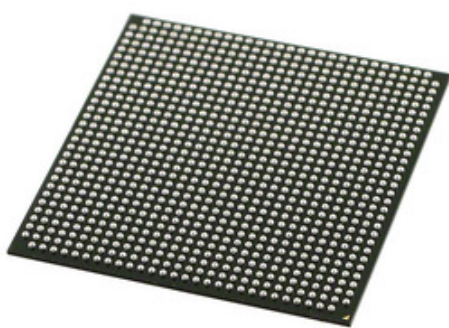


Image may be representation. See specifications for product details.

5CSEMA6F31C7N

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

REQUEST FOR QUOTATION

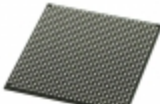
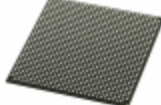
Specifications of 5CSEMA6F31C7N

PART NUMBER	5CSEMA6F31C7N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 288 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.5CSEMA6F31C7N.pdf PDF 2.5CSEMA6F31C7N.pdf PDF 3.5CSEMA6F31C7N.pdf PDF 4.5CSEMA6F31C7N.pdf 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)
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 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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