



Intel® FPGAs



5ASXMB3E4F31I3N

Part Number:	5ASXMB3E4F31I3N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 170 I/O 896FBGA
	 1.5ASXMB3E4F31I3N.pdf
	 2.5ASXMB3E4F31I3N.pdf
	 3.5ASXMB3E4F31I3N.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

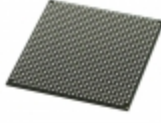
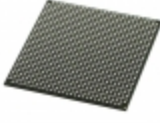
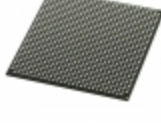
Specifications of 5ASXMB3E4F31I3N

PART NUMBER	5ASXMB3E4F31I3N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 170 I/O 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.5ASXMB3E4F31I3N.pdf  2.5ASXMB3E4F31I3N.pdf  3.5ASXMB3E4F31I3N.pdf
SUPPLIER DEVICE PACKAGE	896-FBGA (31x31)
SPEED	800MHz
SERIES	Arria V SX
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 350K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	896-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	MCU - 208, FPGA - 250
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 Arria V SX FPGA - 350K Logic Elements 64KB 800MHz 896-FBGA (31x31)
CORE PROCESSOR	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
CONNECTIVITY	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
BASE PART NUMBER	5ASXMB3
ARCHITECTURE	MCU, FPGA

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