

5ASTMD5E3F31I5N





Part Number: 5ASTMD5E3F31I5N

Manufacturer: Intel® FPGAs

Description: IC FPGA 170 I/O 896FBGA

Data sheet:  [Arria V Datasheet](#)
 [Arria V Device Overview](#)
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

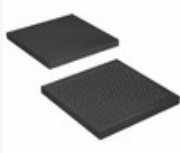
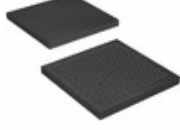
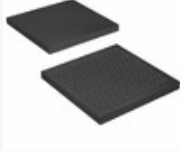
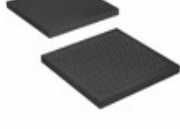
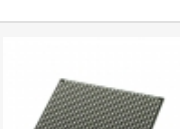
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PRODUCT PARAMETER			
Part Number	5ASTMD5E3F31I5N	Manufacturer	Intel® FPGAs
Description	IC FPGA 170 I/O 896FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22 pcs	Data sheet	Arria V Datasheet Arria V Device Overview Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Supplier Device Package	896-FBGA (31x31)
Speed	800MHz	Series	Arria V ST
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 ST 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	5ASTMD5
Architecture	MCU, FPGA		
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