

5CSXFC6C6U23C7N



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Part Number: [5CSXFC6C6U23C7N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 145 I/O 672UBGA

Data sheet: [PDF Cyclone V Device Overview](#)
[PDF Cyclone V GX,GT,E Errata](#)
[PDF Cyclone V Device Datasheet](#)
[PDF Cyclone V Device Handbook](#)
[PDF Virtual JTAG Megafuntion User Guide](#)

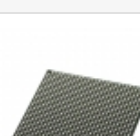
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PRODUCT PARAMETER			
Part Number	5CSXFC6C6U23C7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 145 I/O 672UBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	365 pcs	Data sheet	Cyclone V Device Overview Cyclone V GX,GT,E Errata Cyclone V Device Datasheet Cyclone V Device Handbook Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Supplier Device Package	672-UBGA (23x23)
Speed	800MHz	Series	Cyclone® V SX
RAM Size	64KB	Primary Attributes	FPGA - 110K Logic Elements
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	672-FBGA	Operating Temperature	0°C ~ 85°C (TJ)
Number of I/O	MCU - 181, FPGA - 145	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 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 SX FPGA - 110K Logic Elements 64KB 800MHz 672-UBGA (23x23)
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	5CSXFC6	Architecture	MCU, FPGA
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	Part#: 5CSXFC6C6U23C8NES Description: IC FPGA 145 I/O 672UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 5CSXFC5D6F31C8N Description: IC FPGA 288 I/O 896FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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