



Altera (Intel® Programmable Solutions Group)



5CSXFC2C6U23C8N

Part Number: 5CSXFC2C6U23C8N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 224 I/O 672UBGA

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Datasheets:

RoHs Status:  Lead free / RoHS Compliant

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Specifications of 5CSXFC2C6U23C8N

PART NUMBER	5CSXFC2C6U23C8N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 224 I/O 672UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.5CSXFC2C6U23C8N.pdf PDF 2.5CSXFC2C6U23C8N.pdf PDF 3.5CSXFC2C6U23C8N.pdf PDF 4.5CSXFC2C6U23C8N.pdf
SUPPLIER DEVICE PACKAGE	672-UBGA (23x23)
SPEED	600MHz
SERIES	Cyclone® V SX
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 25K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	672-FBGA
OTHER NAMES	544-3015
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 - 25K Logic Elements 64KB 600MHz 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	5CSXFC2
ARCHITECTURE	MCU, FPGA

Related Tags

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