



Intel® FPGAs



Image may be representation. See specifications for product details.

5CSEMA4U23C8N

Part Number:	5CSEMA4U23C8N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 188 I/O 672UBGA  1.5CSEMA4U23C8N.pdf  2.5CSEMA4U23C8N.pdf  3.5CSEMA4U23C8N.pdf  4.5CSEMA4U23C8N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

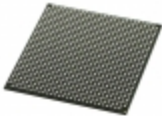
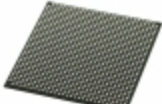
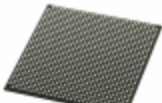
Specifications of 5CSEMA4U23C8N

PART NUMBER	5CSEMA4U23C8N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 188 I/O 672UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.5CSEMA4U23C8N.pdf  2.5CSEMA4U23C8N.pdf  3.5CSEMA4U23C8N.pdf  4.5CSEMA4U23C8N.pdf
SUPPLIER DEVICE PACKAGE	672-UBGA (23x23)
SPEED	600MHz
SERIES	Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 40K 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 SE FPGA - 40K 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
ARCHITECTURE	MCU, FPGA

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