



Intel® FPGAs



Image may be representation. See specifications for product details.

5CSEMA5U23I7N

Part Number:	5CSEMA5U23I7N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 145 I/O 672UBGA
	 1.5CSEMA5U23I7N.pdf
	 2.5CSEMA5U23I7N.pdf
	 3.5CSEMA5U23I7N.pdf
	 4.5CSEMA5U23I7N.pdf
	 5.5CSEMA5U23I7N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	504 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

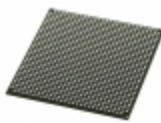
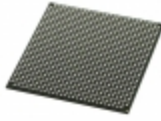
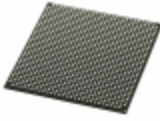
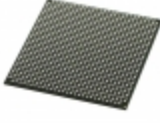
Specifications of 5CSEMA5U23I7N

PART NUMBER	5CSEMA5U23I7N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 145 I/O 672UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	504 pcs
DATA SHEET	 1.5CSEMA5U23I7N.pdf  2.5CSEMA5U23I7N.pdf  3.5CSEMA5U23I7N.pdf  4.5CSEMA5U23I7N.pdf  5.5CSEMA5U23I7N.pdf
SUPPLIER DEVICE PACKAGE	672-UBGA (23x23)
SPEED	800MHz
SERIES	Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 85K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	672-FBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	MCU - 181, FPGA - 145
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 Cyclone® V SE FPGA - 85K 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	5CSEMA5
ARCHITECTURE	MCU, FPGA

Related Tags

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 5CSEMA6F31C7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 460 pcs RFQ	 5CSEMA5U23C6N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 440 pcs RFQ
 5CSEMA5U23A7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 487 pcs RFQ	 5CSEMA5F31I7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 487 pcs RFQ
 5CSEMA6F31C8N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 288 I/O 896FBGA In stock: 501 pcs RFQ	 5CSEMA6F31A7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 292 pcs RFQ
 5CSEMA5U23C7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 598 pcs RFQ	 5CSEMA5F31C8N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 682 pcs RFQ
 5CSEMA6F31I7N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 387 pcs RFQ	 5CSEMA6F31C6N Manufacturers: Intel® FPGAs Description: IC FPGA 288 I/O 896FBGA In stock: 372 pcs RFQ
 5CSEMA6U23A7N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 308 pcs RFQ	 5CSEMA5U23C8N Manufacturers: Intel® FPGAs Description: IC FPGA 145 I/O 672UBGA In stock: 765 pcs RFQ