

5CSEMA5U23A7N Information


For Reference Only

Part Number [5CSEMA5U23A7N](#)
Manufacturer Altera
Category Integrated Circuits (ICs)
[Embedded - System On Chip \(SoC\)](#)
Description IC FPGA 145 I/O 672UBGA
Package 672-FBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


5CSEMA5U23A7N Specifications

Manufacturer Part Number	5CSEMA5U23A7N
Manufacturer	Altera
Category	Integrated Circuits (ICs) Embedded - System On Chip (SoC)
Package	672-FBGA
Series	Automotive, AEC-Q100, Cyclone? V SE
Architecture	MCU, FPGA
Core Processor	Dual ARM? Cortex?-A9 MPCore? with CoreSight?
Flash Size	-
RAM Size	64KB
Peripherals	DMA, POR, WDT
Connectivity	CAN, EBI/EMI, Ethernet, I2C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Speed	700MHz
Primary Attributes	FPGA - 85K Logic Elements
Operating Temperature	-40°C ~ 125°C (TJ)
Package / Case	672-FBGA
Supplier Device Package	672-UBGA (23x23)

[Report errors?](#)

5CSEMA5U23A7N Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

5CSEMA5U23A7N Payment Methods



5CSEMA5U23A7N Shipping Methods



If you have any question about 5CSEMA5U23A7N, please do not hesitate to contact us!

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