



Image may be representation.
See specifications for product details.



5CSXFC4C6U23C7N

Manufacturer Part Number	5CSXFC4C6U23C7N
Manufacturer	Intel
Allelco Part Number	32D-5CSXFC4C6U23C7N
ECAD Model	Request Free CAD Models
Parts Description	IC SOC CORTEX-A9 800MHZ 672UBGA
Package	672-FBGA
Data sheet	Cyclone V Device Handbook.pdf Cyclone V Device Overview.pdf
RoHs Status	RoHS Compliant

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5CSXFC4C6U23C7N - Intel.New Original in Stock. Download Linear Technology 5CSXFC4C6U23C7N datasheet/specifications on AllelcoElec.com.
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Specifications

5CSXFC4C6U23C7N Tech Specifications
5CSXFC4C6U23C7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Supplier Device Package	672-UBGA (23x23)	Operating Temperature	0°C ~ 85°C (TJ)
Speed	800MHz	Number of I/O	MCU - 181, FPGA - 145
Series	Cyclone® V SX	Flash Size	-
RAM Size	64KB	Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Primary Attributes	FPGA - 40K Logic Elements	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Peripherals	DMA, POR, WDT	Architecture	MCU, FPGA
Package / Case	672-FBGA		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5CSXFC4C6U23C7N

Product Attribute				
Part Number	5CSXFC4C6U23C7N	5CSEMA6F31C7N	5CSEMA6U23C8N	5CSEMA5F3117N
Manufacturer	Intel	Intel	Intel	Intel
Core Processor	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
Flash Size	-	-	-	-
Package	Tray	Tray	Tray	Tray
Primary Attributes	FPGA - 40K Logic Elements	FPGA - 110K Logic Elements	FPGA - 110K Logic Elements	FPGA - 85K Logic Elements
RAM Size	64KB	64KB	64KB	64KB
Package / Case	672-FBGA	896-BGA	672-FBGA	896-BGA
Series	Cyclone® V SX	Cyclone® V SE	Cyclone® V SE	Cyclone® V SE
Architecture	MCU, FPGA	MCU, FPGA	MCU, FPGA	MCU, FPGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Speed	800MHz	800MHz	600MHz	800MHz
Peripherals	DMA, POR, WDT	DMA, POR, WDT	DMA, POR, WDT	DMA, POR, WDT
Number of I/O	MCU - 181, FPGA - 145	MCU - 181, FPGA - 288	MCU - 181, FPGA - 145	MCU - 181, FPGA - 288
Supplier Device Package	672-UBGA (23x23)	896-FBGA (31x31)	672-UBGA (23x23)	896-FBGA (31x31)

5CSXFC4C6U23C7N Datasheet PDF

Download 5CSXFC4C6U23C7N pdf datasheets and Intel documentation for 5CSXFC4C6U23C7N - Intel.

Datasheets

[Cyclone V Device Handbook.pdf](#)

[Cyclone V Device Overview.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Design/Specification

[Quartus SW/Web Chgs 23/Sep/2021.pdf](#)

[Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

[Cyclone V GX,GT,E Errata.pdf](#)

Customers Also Interested in

Recommended Products



5CSEMA6F31C7N
Intel
IC SOC CORTEX-A9 800MHZ
896FBGA



5CSEMA6U23C8N
Intel
IC SOC CORTEX-A9 600MHZ
672UBGA



5CSEMA5F31I7N
Intel
IC SOC CORTEX-A9 800MHZ
896FBGA



5CSXFC2C6U23C7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSXFC2C6U23I7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSEMA5F31C8N
Intel
IC SOC CORTEX-A9 600MHZ
896FBGA



5CSXFC5D6F31I7N
Intel
IC SOC CORTEX-A9 800MHZ
896FBGA



5CSXFC5D6F31C7N
Intel
IC SOC CORTEX-A9 800MHZ
896FBGA



5CSEMA6U23I7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSXFC5C6U23I7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSXFC5D6F31C6N
Intel
IC SOC CORTEX-A9 925MHZ
896FBGA



5CSXFC5C6U23C7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSXFC5D6F31C8N
Intel
IC SOC CORTEX-A9 600MHZ
896FBGA



5CSEMA5U23C6N
Intel
IC SOC CORTEX-A9 925MHZ
672UBGA



5CSXFC5C6U23C8N
Intel
IC SOC CORTEX-A9 600MHZ
672UBGA



5CSXFC4C6U23I7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA



5CSEMA6F31C8N
Intel
IC SOC CORTEX-A9 600MHZ
896FBGA



5CSEMA5U23I7N
Intel
IC SOC CORTEX-A9 800MHZ
672UBGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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