



Altera (Intel® Programmable

Solutions Group)



5CSXFC2C6U23C6N

|                     |                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CSXFC2C6U23C6N                                                                                                                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                        |
| Product description | IC FPGA 224 I/O 672UBGA <div><div>PDF</div>1.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>2.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>3.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>4.5CSXFC2C6U23C6N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                     |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                   |
| Stock Condition     | 663 pcs stock                                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                               |

REQUEST FOR QUOTATION

Specifications of 5CSXFC2C6U23C6N

|                                  |                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CSXFC2C6U23C6N                                                                                                                                                                             |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 224 I/O 672UBGA                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 663 pcs                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>PDF</div>1.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>2.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>3.5CSXFC2C6U23C6N.pdf</div> <div><div>PDF</div>4.5CSXFC2C6U23C6N.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 672-UBGA (23x23)                                                                                                                                                                            |
| SPEED                            | 925MHz                                                                                                                                                                                      |
| 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                      | 544-3014                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 85°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 SX FPGA - 25K Logic Elements 64KB 925MHz 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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Related Products

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| <div></div> <div>5CSXFC2C6U23I7LN</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 672-PIN UBGA</div> <div>In stock: 644 pcs</div> <div>RFQ</div>                                            | <div></div> <div>5CSXFC4C6U23C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 224 I/O 672UBGA</div> <div>In stock: 569 pcs</div> <div>RFQ</div>          |
| <div></div> <div>5CSXFC2C6U23C8N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 224 I/O 672UBGA</div> <div>In stock: 1208 pcs</div> <div>RFQ</div> | <div></div> <div>5CSX-H6-4YA-RI</div> <div>Manufacturers: Critical Link</div> <div>Description: MITYSOM-5CSX W/ ALTERA CYCLONE V</div> <div>In stock: 175 pcs</div> <div>RFQ</div> |
| <div></div> <div>5CSXFC2C6U23C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 188 I/O 672UBGA</div> <div>In stock: 906 pcs</div> <div>RFQ</div>                                  | <div></div> <div>5CSXFC2C6U23I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 224 I/O 672UBGA</div> <div>In stock: 721 pcs</div> <div>RFQ</div>          |
| <div></div> <div>5CSXFC4C6U23A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 188 I/O 672UBGA</div> <div>In stock: 463 pcs</div> <div>RFQ</div>                                  | <div></div> <div>5CSX-H6-42A-RI</div> <div>Manufacturers: Critical Link</div> <div>Description: MITYSOM-5CSX W/ ALTERA CYCLONE V</div> <div>In stock: 159 pcs</div> <div>RFQ</div> |
| <div></div> <div>5CSX-H6-4YA-RC</div> <div>Manufacturers: Critical Link</div> <div>Description: MITYSOM-5CSX W/ ALTERA CYCLONE V</div> <div>In stock: 206 pcs</div> <div>RFQ</div>                         | <div></div> <div>5CSXFC2C6U23A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 188 I/O 672UBGA</div> <div>In stock: 579 pcs</div> <div>RFQ</div>          |
| <div></div> <div>5CSX-H6-53B-RC</div> <div>Manufacturers: Critical Link</div> <div>Description: MITYSOM-5CSX W/ ALTERA CYCLONE V</div> <div>In stock: 158 pcs</div> <div>RFQ</div>                         | <div></div> <div>5CSX-H6-42A-RC</div> <div>Manufacturers: Critical Link</div> <div>Description: MITYSOM5CSX ALTERA CYCLONE V SOC</div> <div>In stock: 195 pcs</div> <div>RFQ</div> |