



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

5CSEBA2U19I7SN

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CSEBA2U19I7SN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product description | IC FPGA 240 I/O 484UBGA <div> 1.5CSEBA2U19I7SN.pdf</div> <div> 2.5CSEBA2U19I7SN.pdf</div> <div> 3.5CSEBA2U19I7SN.pdf</div> <div> 4.5CSEBA2U19I7SN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                    |
| Stock Condition     | 1316 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

REQUEST FOR QUOTATION

Specifications of 5CSEBA2U19I7SN

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| PART NUMBER                      | 5CSEBA2U19I7SN                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 240 I/O 484UBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 1316 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.5CSEBA2U19I7SN.pdf</div> <div> 2.5CSEBA2U19I7SN.pdf</div> <div> 3.5CSEBA2U19I7SN.pdf</div> <div> 4.5CSEBA2U19I7SN.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 484-UBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 800MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | Cyclone® V SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PRIMARY ATTRIBUTES               | FPGA - 25K Logic Elements                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 484-FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | 544-3009                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | MCU - 151, FPGA - 66                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| FLASH SIZE                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | Single ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Cyclone® V SE FPGA - 25K Logic Elements 64KB 800MHz 484-UBGA (19x19)                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | Single ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | 5CSEBA2                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                             |                                                       |                                                                 |
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| Altera (Intel® Programmable Solutions Group) 5CSEBA2U19I7SN | 5CSEBA2U19I7SN Distributor                            | 5CSEBA2U19I7SN Supplier                                         |
| 5CSEBA2U19I7SN Price                                        | 5CSEBA2U19I7SN Pictures                               | 5CSEBA2U19I7SN Image                                            |
| 5CSEBA2U19I7SN PDF Datasheet                                | 5CSEBA2U19I7SN Download Datasheet                     | 5CSEBA2U19I7SN Datasheet                                        |
| 5CSEBA2U19I7SN Stock                                        | Buy 5CSEBA2U19I7SN                                    | Buy Altera (Intel® Programmable Solutions Group) 5CSEBA2U19I7SN |
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Related Products

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| <div><div><b>5CSEBA2U23C7SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 1278 pcs</div><div>RFQ</div></div>                                | <div><div><b>5CSEBA2U19C7SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 161 I/O 484FBGA<br/>In stock: 1389 pcs</div><div>RFQ</div></div> |
| <div><div><b>5CSEBA2U23C8SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 1639 pcs</div><div>RFQ</div></div>                                | <div><div><b>5CSEBA2U23A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 667 pcs</div><div>RFQ</div></div>   |
| <div><div><b>5CSEBA2U23C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 864 pcs</div><div>RFQ</div></div>                                  | <div><div><b>5CSEBA2U23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 1223 pcs</div><div>RFQ</div></div>  |
| <div><div><b>5CSEBA2U23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 188 I/O 672UBGA<br/>In stock: 1258 pcs</div><div>RFQ</div></div>                                 | <div><div><b>5CSEBA2U19C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 993 pcs</div><div>RFQ</div></div>   |
| <div><div><b>5CSEBA2U19C8SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 161 I/O 484FBGA<br/>In stock: 2139 pcs</div><div>RFQ</div></div>                                | <div><div><b>5CSEBA2U19C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 161 I/O 484FBGA<br/>In stock: 1158 pcs</div><div>RFQ</div></div>  |
| <div><div><b>5CSEBA2U19C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 1577 pcs</div><div>RFQ</div></div> | <div><div><b>5CSEBA2U19I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 1084 pcs</div><div>RFQ</div></div>  |