



Intel® FPGAs



Image may be representation. See specifications for product details.

5CSEBA2U19C7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CSEBA2U19C7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 161 I/O 484FBGA                                                                                      |
|                     |  1.5CSEBA2U19C7N.pdf        |
|                     |  2.5CSEBA2U19C7N.pdf        |
|                     |  3.5CSEBA2U19C7N.pdf        |
|                     |  4.5CSEBA2U19C7N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1158 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 5CSEBA2U19C7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CSEBA2U19C7N                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 161 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 1158 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.5CSEBA2U19C7N.pdf<br> 2.5CSEBA2U19C7N.pdf<br> 3.5CSEBA2U19C7N.pdf<br> 4.5CSEBA2U19C7N.pdf |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°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             | Dual 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                   | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                    |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs 5CSEBA2U19C7N  | 5CSEBA2U19C7N Distributor        | 5CSEBA2U19C7N Supplier         |
| 5CSEBA2U19C7N Price         | 5CSEBA2U19C7N Pictures           | 5CSEBA2U19C7N Image            |
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| Intel® FPGAs 5CSEBA2U19C7N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs 5CSEBA2U19C7N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |
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| <br>Authorized Distributor<br><b>5CSD-0304-010</b><br>Manufacturers: 3M<br>Description: USB2.0 ASSY, TYPE A/ST - TYPE B<br>In stock: 6423 pcs<br><b>RFQ</b>         | <br><b>5CSE-H4-3YA-RC</b><br>Manufacturers: Critical Link<br>Description: MITYSOM-5CSE W/ ALTERA CYCLONE V<br>In stock: 225 pcs<br><b>RFQ</b>                        |
| <br><b>5CSEBA2U19I7N</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 240 I/O 484UBGA<br>In stock: 1084 pcs<br><b>RFQ</b>                                 | <br><b>5CSE-L2-3Y8-RC</b><br>Manufacturers: Critical Link<br>Description: MITYSOM-5CSE W/ ALTERA CYCLONE V<br>In stock: 389 pcs<br><b>RFQ</b>                        |
| <br><b>5CSEBA2U19C6N</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 240 I/O 484UBGA<br>In stock: 993 pcs<br><b>RFQ</b>                                  | <br><b>5CSEBA2U23A7N</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 188 I/O 672UBGA<br>In stock: 667 pcs<br><b>RFQ</b>                                   |
| <br><b>5CSEBA2U19C7SN</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 161 I/O 484FBGA<br>In stock: 1389 pcs<br><b>RFQ</b>                                | <br><b>5CSEBA2U19I7SN</b><br>Manufacturers: Altera (Intel® Programmable Solutions Group)<br>Description: IC FPGA 240 I/O 484UBGA<br>In stock: 1316 pcs<br><b>RFQ</b> |
| <br><b>5CSEBA2U19C8SN</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 161 I/O 484FBGA<br>In stock: 2139 pcs<br><b>RFQ</b>                                | <br><b>5CSE-H4-3YA-RI</b><br>Manufacturers: Critical Link<br>Description: MITYSOM-5CSE W/ ALTERA CYCLONE V<br>In stock: 167 pcs<br><b>RFQ</b>                        |
| <br><b>5CSEBA2U19C8N</b><br>Manufacturers: Altera (Intel® Programmable Solutions Group)<br>Description: IC FPGA 240 I/O 484UBGA<br>In stock: 1577 pcs<br><b>RFQ</b> | <br><b>5CSEBA2U19A7N</b><br>Manufacturers: Intel® FPGAs<br>Description: IC FPGA 161 I/O 484FBGA<br>In stock: 975 pcs<br><b>RFQ</b>                                   |