



Intel® FPGAs

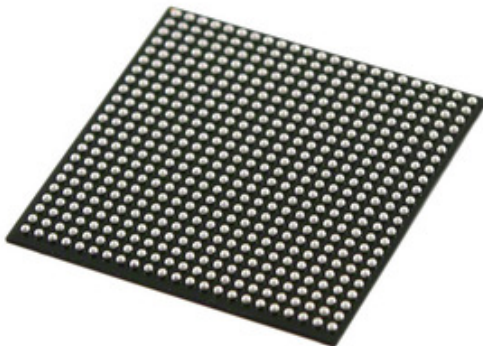


Image may be representation. See specifications for product details.

5CSEBA6U19A7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CSEBA6U19A7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 66 I/O 484UBGA                                                                                       |
|                     |  1.5CSEBA6U19A7N.pdf        |
|                     |  2.5CSEBA6U19A7N.pdf        |
|                     |  3.5CSEBA6U19A7N.pdf        |
|                     |  4.5CSEBA6U19A7N.pdf        |
|                     |  5.5CSEBA6U19A7N.pdf        |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | 357 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

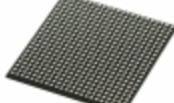
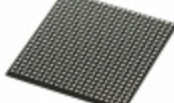
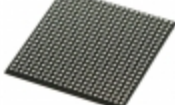
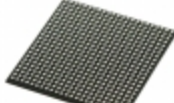
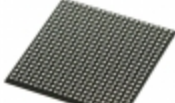
Specifications of 5CSEBA6U19A7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CSEBA6U19A7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 66 I/O 484UBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 357 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.5CSEBA6U19A7N.pdf<br> 2.5CSEBA6U19A7N.pdf<br> 3.5CSEBA6U19A7N.pdf<br> 4.5CSEBA6U19A7N.pdf<br> 5.5CSEBA6U19A7N.pdf |
| SUPPLIER DEVICE PACKAGE          | 484-UBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 700MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Automotive, AEC-Q100, Cyclone® V SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PRIMARY ATTRIBUTES               | FPGA - 110K Logic Elements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 484-FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 Automotive, AEC-Q100, Cyclone® V SE FPGA - 110K Logic Elements 64KB 700MHz 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | 5CSEBA6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

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| Intel® FPGAs 5CSEBA6U19A7N  | 5CSEBA6U19A7N Distributor        | 5CSEBA6U19A7N Supplier         |
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| Intel® FPGAs 5CSEBA6U19A7N  |                                  |                                |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5CSEBA5U23C8SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 145 I/O 672UBGA<br/>In stock: 1005 pcs<br/>RFQ</div>                                 |  <div><b>5CSEBA5U23I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 145 I/O 672UBGA<br/>In stock: 466 pcs<br/>RFQ</div> |
|  <div><b>5CSEBA5U23C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 145 I/O 672UBGA<br/>In stock: 866 pcs<br/>RFQ</div>   |  <div><b>5CSEBA6U19C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 464 pcs<br/>RFQ</div>                                  |
|  <div><b>5CSEBA6U19C8SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 623 pcs<br/>RFQ</div>                                   |  <div><b>5CSEBA5U23I7LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN UBGA<br/>In stock: 514 pcs<br/>RFQ</div>                                           |
|  <div><b>5CSEBA6U19C8NES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 4798 pcs<br/>RFQ</div> |  <div><b>5CSEBA5U23I7SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 145 I/O 672UBGA<br/>In stock: 642 pcs<br/>RFQ</div>                                |
|  <div><b>5CSEBA5U23I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 145 I/O 672UBGA<br/>In stock: 464 pcs<br/>RFQ</div>                                    |  <div><b>5CSEBA6U19C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 668 pcs<br/>RFQ</div>                                  |
|  <div><b>5CSEBA6U19C7SN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 594 pcs<br/>RFQ</div>                                   |  <div><b>5CSEBA6U19C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 66 I/O 484UBGA<br/>In stock: 373 pcs<br/>RFQ</div>                                  |