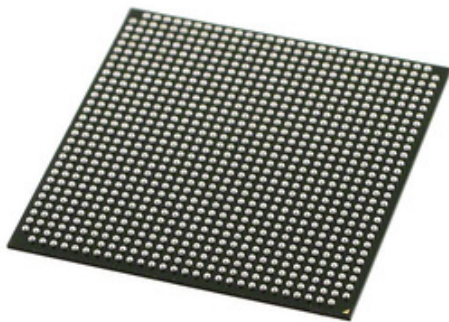




Intel® FPGAs



5ASXMB5E4F31C4N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5ASXMB5E4F31C4N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 170 I/O 896FBGA                                                                                      |
|                     |  1.5ASXMB5E4F31C4N.pdf      |
|                     |  2.5ASXMB5E4F31C4N.pdf      |
|                     |  3.5ASXMB5E4F31C4N.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

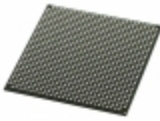
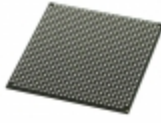
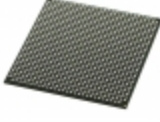
Specifications of 5ASXMB5E4F31C4N

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5ASXMB5E4F31C4N                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 170 I/O 896FBGA                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.5ASXMB5E4F31C4N.pdf<br> 2.5ASXMB5E4F31C4N.pdf<br> 3.5ASXMB5E4F31C4N.pdf |
| SUPPLIER DEVICE PACKAGE          | 896-FBGA (31x31)                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 925MHz                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Arria V SX                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                                                                                                                                |
| PRIMARY ATTRIBUTES               | FPGA - 462K Logic Elements                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 896-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | MCU - 208, FPGA - 250                                                                                                                                                                                                                                                                                                               |
| 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 Arria V SX FPGA - 462K Logic Elements 64KB 925MHz 896-FBGA (31x31)                                                                                                                                                                                             |
| CORE PROCESSOR                   | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                                                                                                                                                                                                        |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | 5ASXMB5                                                                                                                                                                                                                                                                                                                             |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs 5ASXMB5E4F31C4N  | 5ASXMB5E4F31C4N Distributor        | 5ASXMB5E4F31C4N Supplier         |
| 5ASXMB5E4F31C4N Price         | 5ASXMB5E4F31C4N Pictures           | 5ASXMB5E4F31C4N Image            |
| 5ASXMB5E4F31C4N PDF Datasheet | 5ASXMB5E4F31C4N Download Datasheet | 5ASXMB5E4F31C4N Datasheet        |
| 5ASXMB5E4F31C4N Stock         | Buy 5ASXMB5E4F31C4N                | Buy Intel® FPGAs 5ASXMB5E4F31C4N |
| Intel® FPGAs 5ASXMB5E4F31C4N  | Intel® FPGAs Supplier              | Intel® FPGAs Distributor         |
| Intel® FPGAs 5ASXMB5E4F31C4N  |                                    |                                  |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5ASXMB5E6F31C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |  <div><b>5ASXMB5G4F40C4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5ASXMB3G4F40C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>5ASXMB5E4F31C5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5ASXMB5E4F31C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>5ASXMB3G6F40C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5ASXMB5E4F31I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |  <div><b>5ASXMB3G4F40I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>5ASXMB3G4F40C5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |  <div><b>5ASXMB3E6F31C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>5ASXMB3G4F40C4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |  <div><b>5ASXMB5E4F31I3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |