



Intel® FPGAs



5ASXMB5G4F40C5N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5ASXMB5G4F40C5N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 528 I/O 1517FBGA                                                                                     |
|                     |  1.5ASXMB5G4F40C5N.pdf      |
|                     |  2.5ASXMB5G4F40C5N.pdf      |
|                     |  3.5ASXMB5G4F40C5N.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

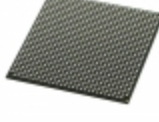
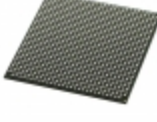
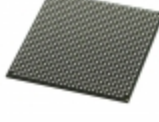
Specifications of 5ASXMB5G4F40C5N

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5ASXMB5G4F40C5N                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 528 I/O 1517FBGA                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 26 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.5ASXMB5G4F40C5N.pdf<br> 2.5ASXMB5G4F40C5N.pdf<br> 3.5ASXMB5G4F40C5N.pdf |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 800MHz                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Arria V SX                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                                                                                                                                |
| PRIMARY ATTRIBUTES               | FPGA - 462K Logic Elements                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | MCU - 208, FPGA - 540                                                                                                                                                                                                                                                                                                               |
| 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 800MHz 1517-FBGA (40x40)                                                                                                                                                                                            |
| 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

|                               |                                    |                                  |
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Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |
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|  <div>5ASXMB5E4F31C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 4560 pcs<br/>RFQ</div> |  <div>5ASXMB5E4F31C5N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 30 pcs<br/>RFQ</div>                                    |
|  <div>5ASXMB3G4F40I5N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 37 pcs<br/>RFQ</div>                                  |  <div>5ASXMB5G4F40I5N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 22 pcs<br/>RFQ</div>                                   |
|  <div>5ASXMB5G6F40C6N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 33 pcs<br/>RFQ</div>                                  |  <div>5ASXMB3G6F40C6N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 55 pcs<br/>RFQ</div>                                   |
|  <div>5ASXMB5E4F31C4N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 27 pcs<br/>RFQ</div>                                   |  <div>5ASXMB5E4F31I3N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 23 pcs<br/>RFQ</div>                                    |
|  <div>5ASXMB5G4F40C4N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 21 pcs<br/>RFQ</div>                                  |  <div>5ASXMB5G4F40C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 528 I/O 1517FBGA<br/>In stock: 4632 pcs<br/>RFQ</div> |
|  <div>5ASXMB5E6F31C6N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 35 pcs<br/>RFQ</div>                                   |  <div>5ASXMB5E4F31I5N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 170 I/O 896FBGA<br/>In stock: 28 pcs<br/>RFQ</div>                                    |