



Altera (Intel® Programmable

Solutions Group)



5ASXFB5H4F40I3NES

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5ASXFB5H4F40I3NES                                                                                                                                                                                                    |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                         |
| Product description | IC FPGA 528 I/O 1517FBGA<br><a href="#">PDF</a> 1.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 2.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 3.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 4.5ASXFB5H4F40I3NES.pdf |
| Datasheets:         |                                                                                                                                                                                                                      |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

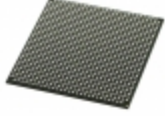
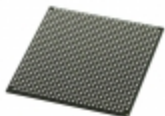
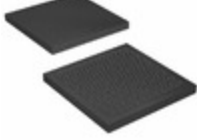
Specifications of 5ASXFB5H4F40I3NES

|                                  |                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5ASXFB5H4F40I3NES                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 528 I/O 1517FBGA                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                               |
| DATA SHEET                       | <a href="#">PDF</a> 1.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 2.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 3.5ASXFB5H4F40I3NES.pdf<br><a href="#">PDF</a> 4.5ASXFB5H4F40I3NES.pdf |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                        |
| SPEED                            | 1.05GHz                                                                                                                                                                                  |
| 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            | -40°C ~ 100°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 1.05GHz 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                 | 5ASXFB5                                                                                                                                                                                  |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                |

Related Tags

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Related Products

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