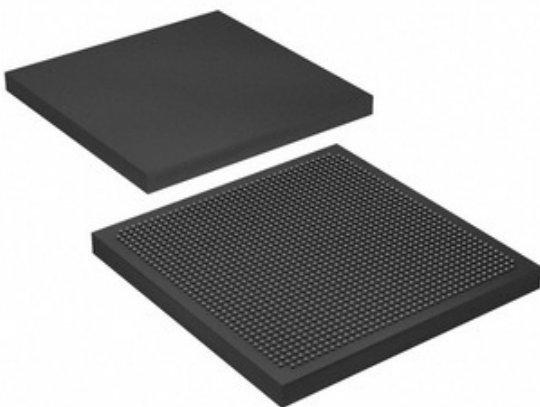




Altera (Intel® Programmable

Solutions Group)



10AS057N1F40I1SG

Part Number:10AS057N1F40I1SG

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product description:IC SOC FPGA 588 I/O 1517FBGA

1.10AS057N1F40I1SG.pdf

2.10AS057N1F40I1SG.pdf

3.10AS057N1F40I1SG.pdf

Datasheets:

RoHs Status:Lead free / RoHS Compliant

Stock Condition:17 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

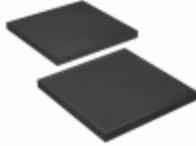
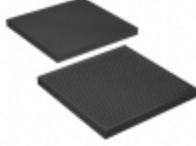
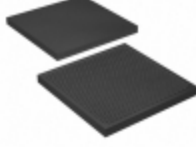
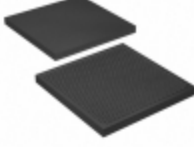
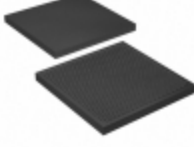
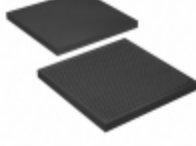
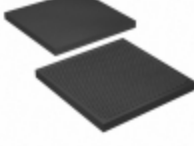
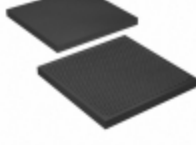
Specifications of 10AS057N1F40I1SG

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS057N1F40I1SG                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                |
| DESCRIPTION                      | IC SOC FPGA 588 I/O 1517FBGA                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                  |
| QUANTITY AVAILABLE               | 17 pcs                                                                                                                                      |
| DATA SHEET                       | <a href="#">1.10AS057N1F40I1SG.pdf</a><br><a href="#">2.10AS057N1F40I1SG.pdf</a><br><a href="#">3.10AS057N1F40I1SG.pdf</a>                  |
| SUPPLIER DEVICE PACKAGE          | 1517-FCBGA (40x40)                                                                                                                          |
| SPEED                            | 1.5GHz                                                                                                                                      |
| SERIES                           | Arria 10 SX                                                                                                                                 |
| RAM SIZE                         | 256KB                                                                                                                                       |
| PRIMARY ATTRIBUTES               | FPGA - 570K Logic Elements                                                                                                                  |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                        |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                          |
| NUMBER OF I/O                    | 588                                                                                                                                         |
| 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 10 SX FPGA - 570K Logic Elements 256KB 1.5GHz 1517-FCBGA (40x40) |
| CORE PROCESSOR                   | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                               |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                   |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 10AS057N1F40I1SG | 10AS057N1F40I1SG Distributor                          | 10AS057N1F40I1SG Supplier                                         |
| 10AS057N1F40I1SG Price                                        | 10AS057N1F40I1SG Pictures                             | 10AS057N1F40I1SG Image                                            |
| 10AS057N1F40I1SG PDF Datasheet                                | 10AS057N1F40I1SG Download Datasheet                   | 10AS057N1F40I1SG Datasheet                                        |
| 10AS057N1F40I1SG Stock                                        | Buy 10AS057N1F40I1SG                                  | Buy Altera (Intel® Programmable Solutions Group) 10AS057N1F40I1SG |
| Altera (Intel® Programmable Solutions Group) 10AS057N1F40I1SG | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor          |
| Altera (Intel® Programmable Solutions Group) 10AS057N1F40I1SG | Altera 10AS057N1F40I1SG                               | Altera (Intel® Programmable Solutions Group) 10AS057N1F40I1SG     |

Related Products

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>10AS057K4F40I3LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 24 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10AS057N1F40I1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 14 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057N2F40E2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10AS057N2F40I1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057N2F40I1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 19 pcs</div> <div>RFQ</div> | <div></div> <div>10AS057K4F40I3SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 32 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057N2F40E1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 24 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10AS057K4F40E3SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 36 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057N2F40E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div> | <div></div> <div>10AS057N2F40E2SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057N1F40E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 19 pcs</div> <div>RFQ</div> | <div></div> <div>10AS057N1F40E1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 588 I/O 1517FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div> |