



Altera (Intel® Programmable

Solutions Group)

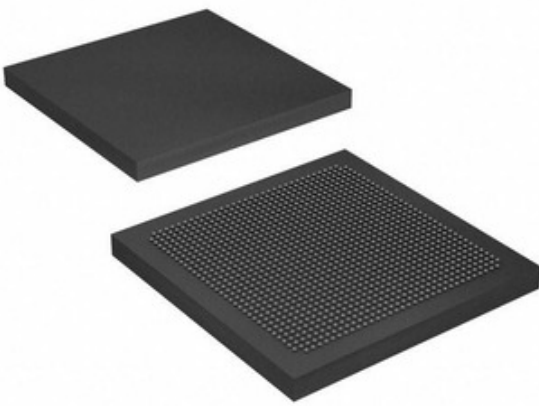


Image may be representation. See specifications for product details.

10AS057K2F35I1SG

Part Number:

10AS057K2F35I1SG

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC SOC FPGA 396 I/O 1152FBGA

Datasheets:

 1.10AS057K2F35I1SG.pdf

 2.10AS057K2F35I1SG.pdf

 3.10AS057K2F35I1SG.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

20 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

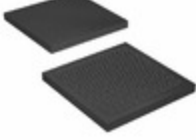
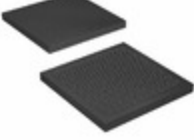
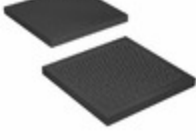
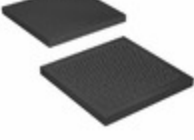
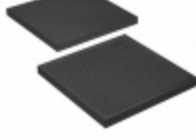
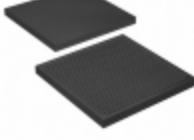
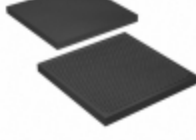
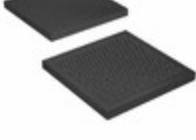
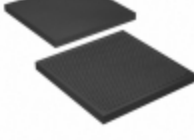
Specifications of 10AS057K2F35I1SG

|                                  |                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS057K2F35I1SG                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC SOC FPGA 396 I/O 1152FBGA                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 20 pcs                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div> 1.10AS057K2F35I1SG.pdf</div> <div> 2.10AS057K2F35I1SG.pdf</div> <div> 3.10AS057K2F35I1SG.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 1152-FCBGA (35x35)                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                                                                                                                                             |
| PRIMARY ATTRIBUTES               | FPGA - 570K Logic Elements                                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 396                                                                                                                                                                                                                                                                                                                                                               |
| 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 1152-FCBGA (35x35)                                                                                                                                                                                                                       |
| 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

|                                                               |                                                       |                                                                   |
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Related Products

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| <div></div> <div>10AS057K2F40E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 24 pcs</div> <div>RFQ</div> | <div></div> <div>10AS057K2F40E1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 25 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS057K2F35E2SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 30 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10AS057K2F40E2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 696 I/O 1517FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div> |