


**Altera (Intel® Programmable Solutions Group)**



### 10AS027E1F27E1SG

Part Number:	10AS027E1F27E1SG
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC SOC FPGA 240 I/O 672FBGA
Datasheets:	<a href="#">1.10AS027E1F27E1SG.pdf</a> <a href="#">2.10AS027E1F27E1SG.pdf</a> <a href="#">3.10AS027E1F27E1SG.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	2916 pcs stock
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 10AS027E1F27E1SG

PART NUMBER	10AS027E1F27E1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 240 I/O 672FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2916 pcs
DATA SHEET	<a href="#">1.10AS027E1F27E1SG.pdf</a> <a href="#">2.10AS027E1F27E1SG.pdf</a> <a href="#">3.10AS027E1F27E1SG.pdf</a>
SUPPLIER DEVICE PACKAGE	672-FBGA (27x27)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 270K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	672-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	240
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 - 270K Logic Elements 256KB 1.5GHz 672-FBGA (27x27)
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

 <p><b>10AS027E1F29I1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 360 I/O 780FBGA                  In stock: 6024 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS027E1F29E1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 360 I/O 780FBGA                  In stock: 6435 pcs  <a href="#">RFQ</a></p>
 <p><b>10AS022E4F27I3SG</b>                  Manufacturers: Intel® FPGAs                  Description: 672-PIN FBGA                  In stock: 138 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS027E1F29I1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 360 I/O 780FBGA                  In stock: 47 pcs  <a href="#">RFQ</a></p>
 <p><b>10AS022E4F29I3SG</b>                  Manufacturers: Intel® FPGAs                  Description: 780-PIN FBGA                  In stock: 146 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS022E4F29E3SG</b>                  Manufacturers: Intel® FPGAs                  Description: 780-PIN FBGA                  In stock: 149 pcs  <a href="#">RFQ</a></p>
 <p><b>10AS027E1F27E1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 240 I/O 672FBGA                  In stock: 77 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS027E1F29E1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 360 I/O 780FBGA                  In stock: 72 pcs  <a href="#">RFQ</a></p>
 <p><b>10AS027E1F27I1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 240 I/O 672FBGA                  In stock: 4942 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS022E4F29I3LG</b>                  Manufacturers: Intel® FPGAs                  Description: 780-PIN FBGA                  In stock: 90 pcs  <a href="#">RFQ</a></p>
 <p><b>10AS022E4F29E3LG</b>                  Manufacturers: Intel® FPGAs                  Description: 780-PIN FBGA                  In stock: 114 pcs  <a href="#">RFQ</a></p>	 <p><b>10AS027E1F27I1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 240 I/O 672FBGA                  In stock: 57 pcs  <a href="#">RFQ</a></p>