



Altera (Intel® Programmable



Solutions Group)

Image may be representation. See specifications for product details.

10AS032E1F29I1SG

Part Number:10AS032E1F29I1SG

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

Product description:IC SOC FPGA 360 I/O 780FBGA

Datasheets:

1.10AS032E1F29I1SG.pdf

2.10AS032E1F29I1SG.pdf

3.10AS032E1F29I1SG.pdf

RoHS Status

Lead free / RoHS Compliant

Stock Condition3320 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 10AS032E1F29I1SG

PART NUMBER	10AS032E1F29I1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 360 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3320 pcs
DATA SHEET	1.10AS032E1F29I1SG.pdf 2.10AS032E1F29I1SG.pdf 3.10AS032E1F29I1SG.pdf
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 320K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	780-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	360
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 - 320K Logic Elements 256KB 1.5GHz 780-FBGA (29x29)
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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 10AS032E2F27E2SG Manufacturers: Intel® FPGAs Description: 672-PIN FBGA In stock: 85 pcs RFQ	 10AS032E2F27E1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 240 I/O 672FBGA In stock: 3943 pcs RFQ
 10AS032E1F29E1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 360 I/O 780FBGA In stock: 4259 pcs RFQ	 10AS032E2F27E2LG Manufacturers: Intel® FPGAs Description: 672-PIN FBGA In stock: 71 pcs RFQ
 10AS032E1F27E1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 240 I/O 672FBGA In stock: 5534 pcs RFQ	 10AS032E2F27I1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 240 I/O 672FBGA In stock: 6828 pcs RFQ
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