



Altera (Intel® Programmable

Solutions Group)



10AS016E3F29E1SG

Part Number:10AS016E3F29E1SG

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

Product descriptionIC SOC FPGA 288 I/O 780FBGA

Datasheets:

1.10AS016E3F29E1SG.pdf

2.10AS016E3F29E1SG.pdf

3.10AS016E3F29E1SG.pdf

RoHS Status

Lead free / RoHS Compliant

Stock Condition3712 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of 10AS016E3F29E1SG

PART NUMBER	10AS016E3F29E1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 288 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3712 pcs
DATA SHEET	1.10AS016E3F29E1SG.pdf 2.10AS016E3F29E1SG.pdf 3.10AS016E3F29E1SG.pdf
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 160K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	780-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	288
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 - 160K 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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