

10AS066K2F40E2LG



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Part Number: [10AS066K2F40E2LG](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC SOC FPGA 696 I/O 1517FBGA

Data sheet:  [Arria® 10 Device Overview](#)
 [Arria 10 Device Datasheet](#)
 [Arria 10 Device Overview](#)

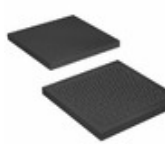
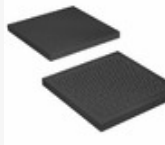
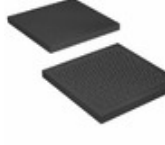
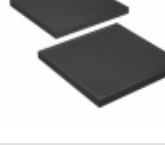
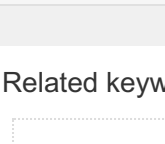
RoHS Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	10AS066K2F40E2LG	Manufacturer	Intel® FPGAs
Description	IC SOC FPGA 696 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21 pcs	Data sheet	Arria® 10 Device Overview Arria 10 Device Datasheet Arria 10 Device Overview
Category	Integrated Circuits (ICs)	Supplier Device Package	1517-FBGA (40x40)
Speed	1.5GHz	Series	Arria 10 SX
RAM Size	256KB	Primary Attributes	FPGA - 660K Logic Elements
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	1517-BBGA, FCBGA	Operating Temperature	0°C ~ 100°C (TJ)
Number of I/O	696	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	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 - 660K Logic Elements 256KB 1.5GHz 1517-FBGA (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		
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