


## 10AS066K2F40I2SG

Part Number: 10AS066K2F40I2SG  
 Manufacturer/Brand: Intel® FPGAs  
 Product description: IC SOC FPGA 696 I/O 1517FBGA  
 Datasheets: [1.10AS066K2F40I2SG.pdf](#)  
[2.10AS066K2F40I2SG.pdf](#)  
[3.10AS066K2F40I2SG.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

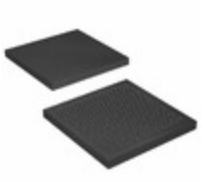
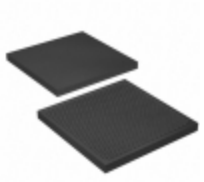
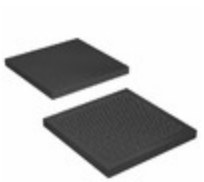
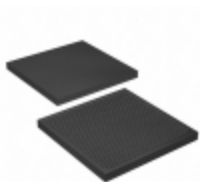
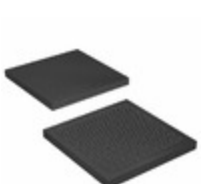
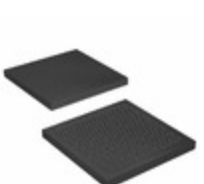
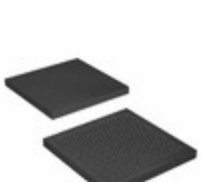

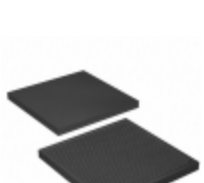
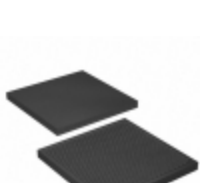

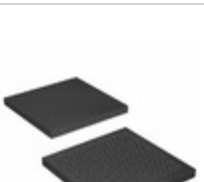
### Specifications of 10AS066K2F40I2SG

PART NUMBER	10AS066K2F40I2SG
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC SOC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.10AS066K2F40I2SG.pdf</a> <a href="#">2.10AS066K2F40I2SG.pdf</a> <a href="#">3.10AS066K2F40I2SG.pdf</a>
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	-40°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, I <sup>2</sup> C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

### Related Tags

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 <p><b>10AS066K2F40E2LG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 696 I/O 1517FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>10AS066K3F35E2SG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 396 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>