



## 10AS066K1F40E1HG

Part Number:	10AS066K1F40E1HG
Manufacturer/Brand:	Intel® FPGAs
Product description:	IC SOC FPGA 696 I/O 1517FBGA
Datasheets:	<a href="#">1.10AS066K1F40E1HG.pdf</a> <a href="#">2.10AS066K1F40E1HG.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	15 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 10AS066K1F40E1HG

PART NUMBER	10AS066K1F40E1HG
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC SOC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15 pcs
DATA SHEET	<a href="#">1.10AS066K1F40E1HG.pdf</a> <a href="#">2.10AS066K1F40E1HG.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	0°C ~ 100°C (TJ)
NUMBER OF I/O	696
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 - 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

### Related Tags

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<p><b>10AS066K2F35E2LG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 396 I/O 1152FBGA                  In stock: 22 pcs  <a href="#">RFQ</a></p>	<p><b>10AS066K1F40I1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 696 I/O 1517FBGA                  In stock: 15 pcs  <a href="#">RFQ</a></p>
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<p><b>10AS066H4F34I4SGES</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 492 I/O 1152FBGA                  In stock: 3238 pcs  <a href="#">RFQ</a></p>	<p><b>10AS066K1F35I1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 396 I/O 1152FBGA                  In stock: 17 pcs  <a href="#">RFQ</a></p>
<p><b>10AS066K1F35I1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 396 I/O 1152FBGA                  In stock: 19 pcs  <a href="#">RFQ</a></p>	<p><b>10AS066K1F40E1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 696 I/O 1517FBGA                  In stock: 18 pcs  <a href="#">RFQ</a></p>