



Altera (Intel® Programmable

10AS066K2F40I1SG

Part Number:	10AS066K2F40I1SG
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC SOC FPGA 696 I/O 1517FBGA
Datasheets:	PDF 1.10AS066K2F40I1SG.pdf PDF 2.10AS066K2F40I1SG.pdf PDF 3.10AS066K2F40I1SG.pdf
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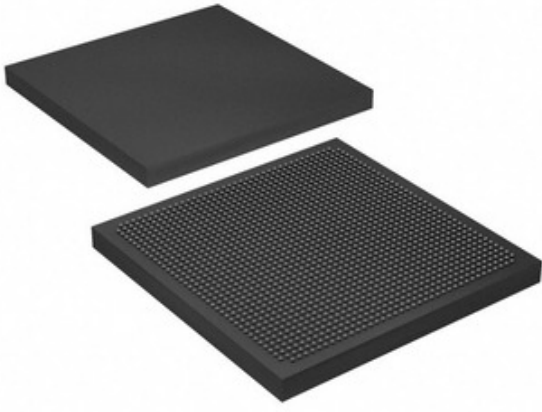


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Specifications of 10AS066K2F40I1SG

PART NUMBER	10AS066K2F40I1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.10AS066K2F40I1SG.pdf PDF 2.10AS066K2F40I1SG.pdf PDF 3.10AS066K2F40I1SG.pdf
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)
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 ² C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

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