



Intel® FPGAs



5ASXMB5G6F40C6N

Part Number:	5ASXMB5G6F40C6N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 528 I/O 1517FBGA
	 1.5ASXMB5G6F40C6N.pdf
	 2.5ASXMB5G6F40C6N.pdf
	 3.5ASXMB5G6F40C6N.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
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 5ASXMB5G6F40C6N

PART NUMBER	5ASXMB5G6F40C6N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 528 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.5ASXMB5G6F40C6N.pdf  2.5ASXMB5G6F40C6N.pdf  3.5ASXMB5G6F40C6N.pdf
SUPPLIER DEVICE PACKAGE	1517-FBGA (40x40)
SPEED	700MHz
SERIES	Arria V SX
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 462K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	1517-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	MCU - 208, FPGA - 540
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 V SX FPGA - 462K Logic Elements 64KB 700MHz 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
BASE PART NUMBER	5ASXMB5
ARCHITECTURE	MCU, FPGA

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