



## 5SGXE5K1F40C2N

Part Number:	5SGXE5K1F40C2N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA 696 I/O 1517FBGA <a href="#">PDF</a> 1.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 2.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 3.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 4.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 5.5SGXE5K1F40C2N.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	12 pcs stock
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 5SGXE5K1F40C2N

PART NUMBER	5SGXE5K1F40C2N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12 pcs
DATA SHEET	<a href="#">PDF</a> 1.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 2.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 3.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 4.5SGXE5K1F40C2N.pdf <a href="#">PDF</a> 5.5SGXE5K1F40C2N.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	53105664
SUPPLIER DEVICE PACKAGE	1517-FBGA (40x40)
SERIES	Stratix® V GX
PACKAGE / CASE	1517-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	490000
NUMBER OF LABS/CLBS	185000
NUMBER OF I/O	696
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	5SGXE5

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