



Altera (Intel® Programmable

Solutions Group)



5SGSMD6K2F40C2LN

Part Number: 5SGSMD6K2F40C2LN

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 696 I/O 1517FBGA
[PDF](#) 1.5SGSMD6K2F40C2LN.pdf
[PDF](#) 2.5SGSMD6K2F40C2LN.pdf
[PDF](#) 3.5SGSMD6K2F40C2LN.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

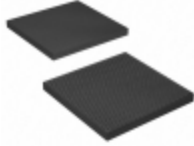
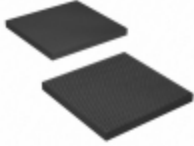
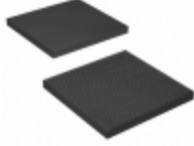
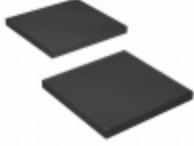
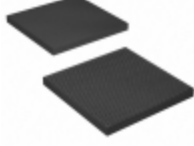
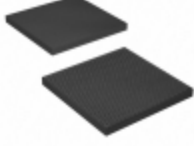
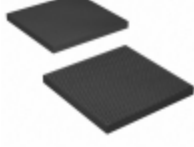
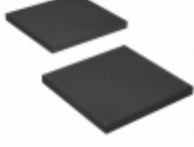
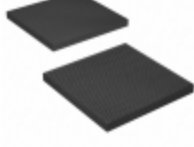
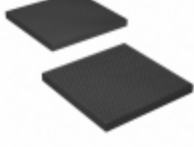
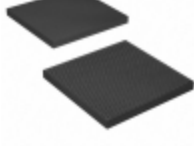
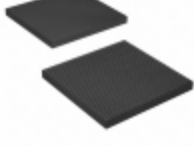
Specifications of 5SGSMD6K2F40C2LN

PART NUMBER	5SGSMD6K2F40C2LN
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.5SGSMD6K2F40C2LN.pdf PDF 2.5SGSMD6K2F40C2LN.pdf PDF 3.5SGSMD6K2F40C2LN.pdf
VOLTAGE - SUPPLY	0.82 V ~ 0.88 V
TOTAL RAM BITS	54553600
SUPPLIER DEVICE PACKAGE	1517-FBGA (40x40)
SERIES	Stratix® V GS
PACKAGE / CASE	1517-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	583000
NUMBER OF LABS/CLBS	220000
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	5SGSMD6

Related Tags

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