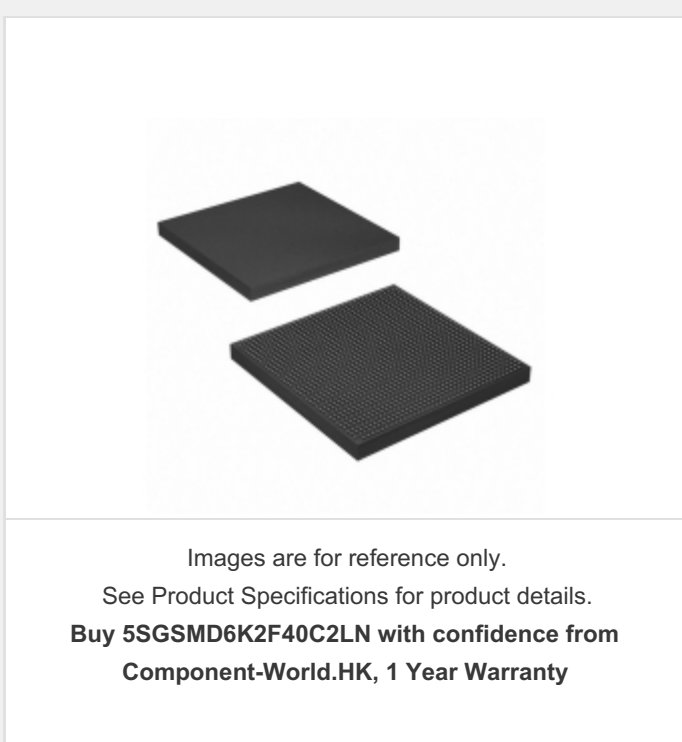


5SGSMD6K2F40C2LN



Part Number: [5SGSMD6K2F40C2LN](#)
Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)
Description: IC FPGA 696 I/O 1517FBGA
Data sheet: [Stratix V Device Datasheet](#)
[Stratix V Device Overview](#)
[Virtual JTAG Megafunton User Guide](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER | | | |
|--------------------------------|---|----------------------------------|---|
| 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 |
| Quantity Available | 9 pcs | Data sheet | Stratix V Device Datasheet Stratix V Device Overview Virtual JTAG Megafunton User Guide |
| Category | Integrated Circuits (ICs) | 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 |

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