

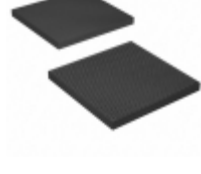
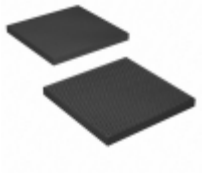
|   |   |
|---|---|
|  | <h2>5SGSMD5K3F40C2LN</h2>   |
|   | <p><b>Manufacturer Part Number:</b> 5SGSMD5K3F40C2LN</p> <p><b>Manufacturer/Brand:</b> Altera (Intel® Programmable Solutions Group)</p> <p><b>Part of Description:</b> IC FPGA 696 I/O 1517FBGA</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.5SGSMD5K3F40C2LN.pdf</a></li> <li> <a href="#">2.5SGSMD5K3F40C2LN.pdf</a></li> <li> <a href="#">3.5SGSMD5K3F40C2LN.pdf</a></li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b>  New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |

### Specifications

|                                |   |
|--------------------------------|---|
| Part Number                    | 5SGSMD5K3F40C2LN                                    |
| Manufacturer                   | Altera (Intel® Programmable Solutions Group)        |
| Description                    | IC FPGA 696 I/O 1517FBGA                            |
| Category                       | Integrated Circuits (ICs) > Embedded - FPGAs (Field |
| Part Status                    | Require For Quote & Check Stock                     |
| Series                         | Stratix® V GS                                       |
| Operating Temperature          | 0°C ~ 85°C (TJ)                                     |
| Mounting Type                  | Surface Mount                                       |
| Package / Case                 | 1517-BBGA, FCBGA                                    |
| Supplier Device Package        | 1517-FBGA (40x40)                                   |
| Voltage - Supply               | 0.82 V ~ 0.88 V                                     |
| Number of I/O                  | 696   |
| Number of LABs/CLBs            | 172600  |
| Number of Logic Elements/Cells | 457000  |
| Total RAM Bits                 | 46769152  |



























5SGSMD5K3F40C2LN is New Original in Stock, Search 5SGSMD5K3F40C2LN Datasheets, PDF, Inventory at Y-IC.com Online, Order 5SGSMD5K3F40C2LN Altera (Intel® Programmable Solutions Group) with warrantied and confidence. RFQ 5SGSMD5K3F40C2LN : Info@Y-IC.com

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|--|---|--|---|
| <p><b>In:</b></p>  <p><b>5SGSMD5K3F40C2</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p> |  <p><b>5SGSMD5K3F40C3N</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p> |  <p><b>5SGSMD5K3F40C4</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p>  |  <p><b>5SGSMD5K2F40I3L</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p> |
|  <p><b>5SGSMD5K2F40I3LN</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p>                 |  <p><b>5SGSMD5K3F40C4N</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p> |  <p><b>5SGSMD5K3F40C2L</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p> |  <p><b>5SGSMD5K3F40C3</b><br/>Altera (Intel® Programmable Solutions Group)<br/>IC FPGA 696 I/O 1517FBGA</p>  |

### Hot Parts

More

|  |  |   |   |  |
|--|--|---|---|--|
|  08055C224JAT4A |  1210SC222MAT1A   |  1210YC332KAT2A    |  D 1SMA5931BT3         |  595D227X9010D2T(D-220UF-10V) |
|  A50L-0001-0340 |  AD8055ART        |  D AXK750347G      |  C1005X7R1H471K050BA   |  CL21A225KPNE                 |
|  DTD523YEYL     |  ED451813         |  EM6325CXSP5B-1.3+ |  GRM0335C1E3R9BA01D    |  HGTG30N60C3D                 |
|  D ICS9250BF-27 |  IR3556MTRPBF     |  IR4428PBF         |  LM1084RS-ADJ          |  LQM18NNR10K00D               |
|  LT1818IS5#TR   |  M402101BP        |  MC12073DR2        |  MEA1210PE220T001      |  MIC5301YML                   |
|  MM74HC32MX     |  MMSZ5257BT1G     |  D MT5385IFFU/C    |  N520CH10GOO           |  ND171N04K                    |
|  NJU7062M       |  PH75S280-15      |  R5323Z010B-TR-F   |  R6111025              |  S-8521E18MC-BLDT2G           |
|  SC403BMLTRT    |  SG2000GXH21      |  SKT300/18E        |  SLF12057T-6R8M5R0-TPF |  SLM-132YYFT96                |
|  SN74HC138D     |  SSF2301B/SSF2301 |  STTB6006TV1       |  D T9G03008            |  TC74HCT374AP                 |
|  TJ11A10M3      |  TLC1549ID        |  VI-LU4-EV         |  VII75-12S3            |  WSC00011R000FEA              |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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