

**KVR1066D2N7K2/1G**

**1GB (512MB 64M x 64-Bit x 2 pcs.) DDR2-1066  
CL7 240-Pin DIMM Kit**

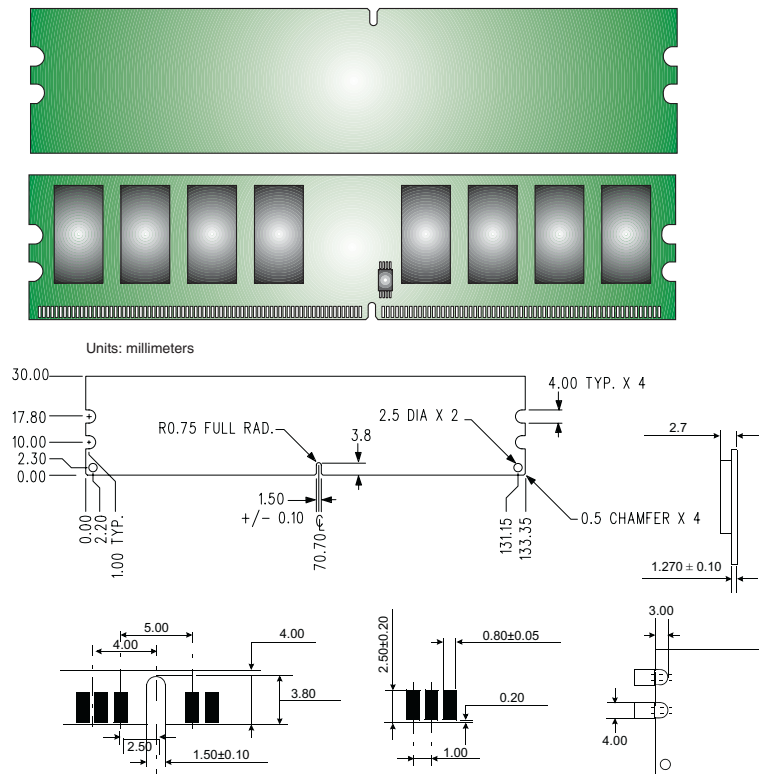
**DESCRIPTION:**

ValueRAM's KVR1066D2N7K2/1G is a kit of two 64M x 64-bit (512MB) DDR2-1066 CL7 SDRAM (Synchronous **DRAM**) memory modules. Total kit capacity is 1GB (1024MB). The components on each module include eight 64M x 8-bit DDR2-1066 SDRAM in FBGA packages. Each 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

**FEATURES:**

- |   |                                |
|---|--------------------------------|
| ✓ Clock Cycle Time (tCK) CL=7                   | 1.875ns (min.)                 |
| ✓ Row Cycle Time (tRC)                          | 58ns (min.)                    |
| ✓ Refresh to Active/Refresh Command Time (tRFC) | 105ns                          |
| ✓ Row Active Time (tRAS)                        | 45ns (min.) / 70,000ns (max.)  |
| ✓ Single Power Supply of                        | +1.8V (+/- .1V)                |
| ✓ Power   | 1.310 W (operating per module) |
| ✓ UL Rating                                     | 94 V - 0                       |

**Note:** The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here. However, in no configuration will the module height exceed 1.250" (31.75mm).



**Figure 1: KVR1066D2N7K2/1G 240-Pin DIMM**