

CL5 200-Pin SODIMM

This document describes ValueRAM's 256M x 64-bit 2GB (2048MB) CL5 DDR2-667 SDRAM (Synchronous DRAM) memory module. The components on this module include sixteen stacked 128M x 8-bit DDR2-667 SDRAM. This 200-pin SODIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

Clock Cycle Time (tCK) CL=5	3ns (min.) / 8ns (max.)
Row Cycle Time (tRC)	54ns (min.)
Refresh to Active/Refresh Command Time (tRFC)	127.5ns
Row Active Time (tRAS)	39ns (min.) / 70,000ns (max.)
Single Power Supply of	+1.8V (+/- .1V)
Power	1.944 W (operating)
UL Rating	94 V - 0

Figure 1: KVR667D2S5/2G 200-Pin SODIMM

