

## KVR533D2U4/1G

### 1GB 128M x 64-Bit DDR2-533

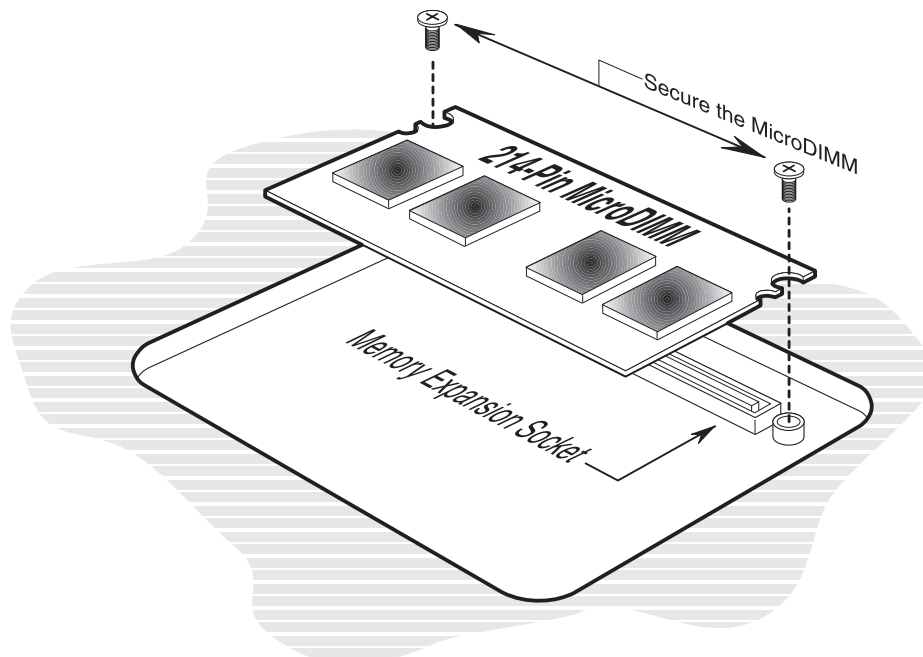
### CL4 214-Pin MicroDIMM

#### DESCRIPTION:

This document describes ValueRAM's 128M x 64-bit 1GB (1024MB) D2-533 CL4 SDRAM (Synchronous **DRAM**) memory module. The components on this module include eight 64M x 16-bit DDR2-533 SDRAM in FBGA packages. This 214-pin MicroDIMM requires +1.8V for operation. The electrical and mechanical specifications are as follows:

#### FEATURES:

✓ Clock Cycle Time (tCK) CL=4	3.75ns (min.) / 8ns (max.)
✓ Row Cycle Time (tRC)	55ns (min.)
✓ Refresh to Active/Refresh Command Time (tRFC)	105ns
✓ Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
✓ Single Power Supply of	+1.8V (+/- .1V)
✓ Power	1.174 W (operating)
✓ UL Rating	94 V - 0



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**DIMENSIONS:**

