

KVR533D2U4/256

256MB 32M x 64-Bit DDR2-533

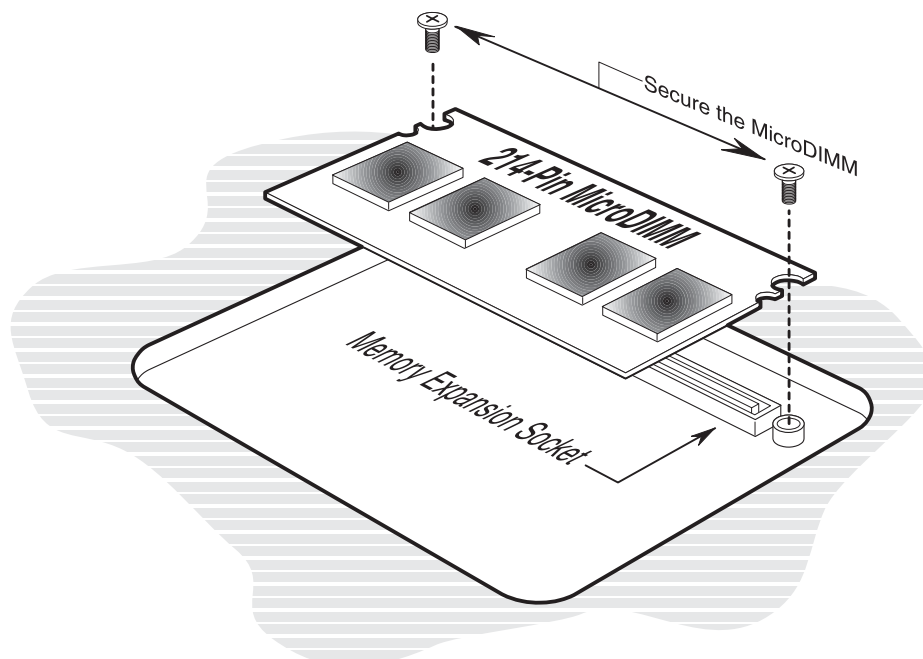
CL4 214-Pin MicroDIMM

DESCRIPTION:

This document describes ValueRAM's 32M x 64-bit (256MB) CL4 DDR2-533 SDRAM (Synchronous **DRAM**) memory module. The components on this module include four 32M x 16-bit (8M x 16-bit x 4 Bank) 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	0.684 W (operating)
✓ UL Rating	94 V - 0



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DIMENSIONS: