SH-4 RISC Microprocessor for Multimedia, Game Machine

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Abstract

The SH-4 is a 2-issue superscalar 32-bit RISC microprocessor for SEGA’s game machine, Dreamcast. In order to extend the floating-point performance, a graphic FPU and graphic-oriented instructions are provided. The performance is 360 VAX MIPS, 6.0M Polygons/sec, 1.4G FLOPS (peak with the new instructions) at 200MHz.

References