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HIP Hard IP PD Packet Descriptor QID Queue Identification TIDX Queue Tail Index (pointer) HIDX Queue Head Index (pointer) TLP Transaction Layer Packet IMMWR

Immediate Write Operation MRRS Maximum Read Request Size CvP Configuration Via Protocol PBA Pending Bit Array Avalon ®-MM Avalon Memory-Mapped Interface Avalon-ST Avalon Streaming Interface Mar 6th, 2024

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### **Appendix: Verilog HDL Design**

Definition, A High-level Language Such As C Or Cbb Or Verilog Behavior-level Description Is Widely Used In This Stage. Figure A.3 High-level Feb 1th, 2024

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