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VHDL for digital system design. About Author. Charles Roth is Professor Emeritus in Electrical and Computer Engineering at the University of Texas at Austin, where he taught Digital Design for more than four decades. He is the author of Fundamentals of Logic Design, which is in its sixth edition, and Digital Systems Design using VHDL, which is ...

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VHDL stands for very high-speed integrated circuit hardware description language. It is a programming language used to model a digital system by dataflow, behavioral and structural style of modeling. This language was first introduced in 1981 for the department of Defense (DoD) under the VHSIC program.

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