Schematic Capture

The Perfect Digital Workbench

Digital Architech By Beach Software Digital Architech contains a complete digital editor which allows the
μ placement of digital gates in any direction
§ with up to 8 inputs. Wires can be placed between any two logical nodes. A labeling tool allows any True Type™ font to be associated with any logical node. A Chip placement tool allows a child circuit to be incorporated into the functionality of a parent circuit. Circuits can be printed or pasted into other windows applications. There is virtually no maximum circuit size on the professional version. All Circuit Windows can be scrolled and scaled.

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Circuit Simulation

Technical Information: Simple user interface for Microsoft Windows 3.1TM • Mixed logic signals • Schematic capture with printing • Complete control over signal inputs and outputs • Object oriented design • Synchronous and asynchronous circuit simulation • Build circuits in modules and import them as "Chips" in other circuits • Use basic gates (And, Or, Equ, Xor, Inverter) in any position and orientation • Unlimited circuit size on professional version • Use basic gates with up to 8 inputs • Gate duality option allows alternative viewing of gates • Instant feedback • View circuit and signals at the same time • View and modify signals using a spreadsheet style window • Printout signals and circuit windows Digital Architech uses a spreadsheet style window to view the input and output signals of the simulator. Digital Architech can simulate up to 255 columns of data. Each column of data can handle a resolution up to 255 unique time periods. Both synchronous and asynchronous circuits can be simulated. A ruler object may be used to measure time differences. Signal windows can be printed across multiple pages, if necessary. All Signal Windows can be scrolled and scaled.

Platform

Digital Architech requires a Microsoft Windows 3.1 ready computer system with at least 2 MB ram, 2 MB hard drive space, and a mouse. A windows compatible printer is optional.