



# Product Feature Matrix

Product Feature	HDL Pilot	HDL Detective	HDL Author - Text	HDL Author - Graphics	HDL Author - Pro	HDL Designer - Text	HDL Designer - Graphics	HDL Designer - Pro	Special Notes
<b>General</b>									
Design Browser	X	X	X	X	X	X	X	X	HDL Detective displays Source window only
Version Management	X		X	X	X	X	X	X	
Compilation Manager for Simulation	X		X	X	X	X	X	X	
Compilation Manager for Synthesis	X		X	X	X	X	X	X	
Custom tool flows	X		X	X	X	X	X	X	
ModuleWare Libraries		X	X	X	X	X	X	X	
<b>Editors</b>									
Block		X	X	X	X	X	X	X	In HDL Detective, graphical editors can only be used for "aesthetic" edits. ie Logical design changes cannot be made in with Detective. In HDL Pilot, graphical diagrams open as read-only.
IBD		X	X		X	X		X	
FSM		X		X	X		X	X	
Flow Chart		X		X	X		X	X	
Truth Table				X	X		X	X	
Symbol with Tabular IO	X	X	X	X	X	X	X	X	
Text editor integration	X	X	X	X	X	X	X	X	
<b>HDL Import</b>									
Textural	X	X	X	X	X	X	X	X	
Block Diagrams		X				X	X	X	
IBD		X				X		X	
FSM Diagrams		X					X	X	
Flow Chart Diagrams		X					X	X	
Symbol with Tabular IO	X	X	X	X	X	X	X	X	
<b>Documentation / Design Review</b>									
OLE		X	X	X	X	X	X	X	OLE for Windows platforms only.
HDL2Graphics		X				X	X	X	
Design Viewer	X	X	X	X	X	X	X	X	
Print	X	X	X	X	X	X	X	X	
<b>Language and Platforms</b>									
Batch Mode Operation	X	X	X	X	X	X	X	X	
UNIX (32 & 64 bit - Solaris & HP-UX )	X	X	X	X	X	X	X	X	
Windows (95, 98, 2000 & NT)	X	X	X	X	X	X	X	X	
VHDL	X	X	X	X	X	X	X	X	
Verilog	X	X	X	X	X	X	X	X	
Mixed-HDL	X	X	X	X	X	X	X	X	
<b>Simulation Analyzer</b>									
ModelSim PE			X	X	X	X	X	X	Checked simulators indicate complete interaction and debug capability between HDL Author or HDL Designer and the simulator.
ModelSim SE			X	X	X	X	X	X	
Cadence Verilog-XL			X	X	X	X	X	X	
Cadence Leapfrog			X	X	X	X	X	X	All but HDL Detective support invocation of all simulators listed.
Cadence NCSIM									
Synopsys VCS									