

HDL Design System



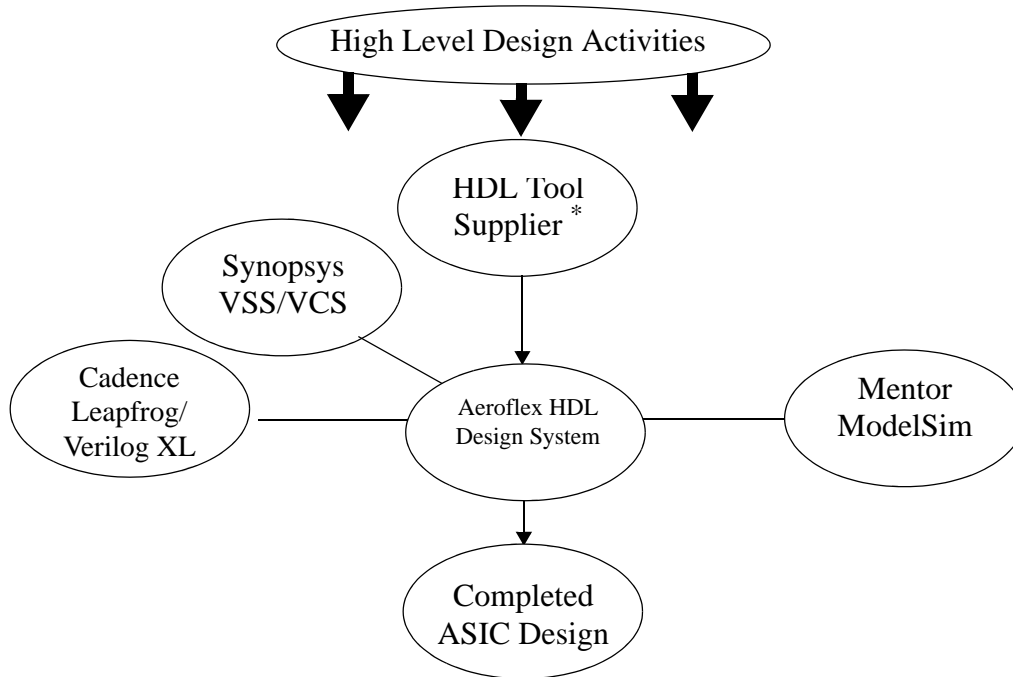
Overview of the Design System

Aeroflex Colorado Springs offers two Hardware Description Language (HDL) design systems. Both the VHDL and Verilog design systems provide sign-off quality libraries and robust tools. The VHDL libraries are VITAL 3.0 compliant, and the Verilog libraries are OVI 1.0 compliant. With the library capabilities Aeroflex provides, you can use High Level Design methods to synthesize your design for simulation. Aeroflex also provides tools to verify that your HDL design will result in working ASIC devices.

Either of Aeroflex's HDL design systems let you easily access Aeroflex's RadHard capabilities.

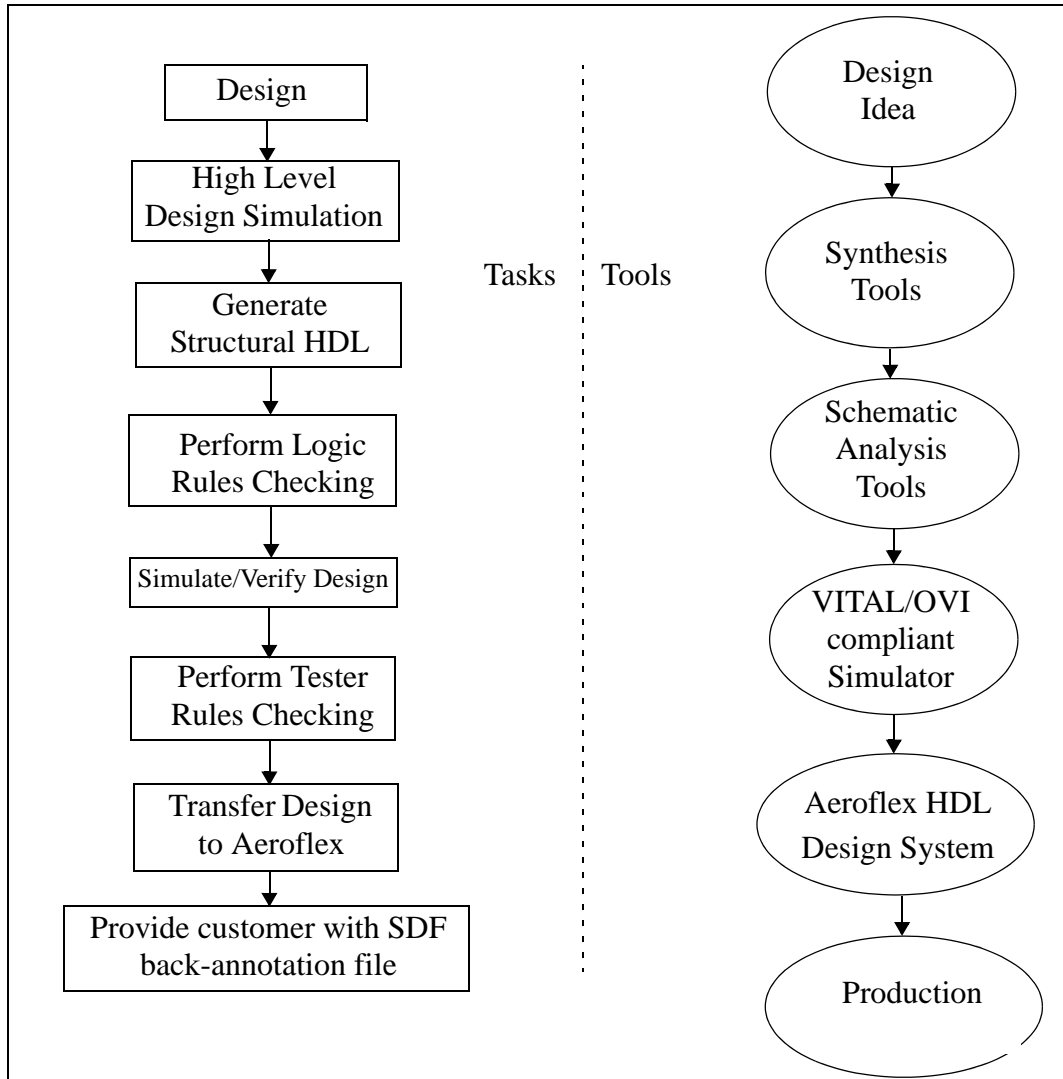
Advantages

- The Aeroflex's HDL Design System gives you the freedom to use tools from Synopsys, Mentor, Cadence, and other vendors to help you synthesize and verify a design.
- Aeroflex's Logic Rules Checker and Tester Rules Checker allow you to verify partial or complete designs for compliance with Aeroflex UTMC design rules.
- Aeroflex HDL Design Systems accept back-annotation of timing information through SDF.
- Your design stays completely within the language in which you started (VHDL or Verilog), preventing conversion headaches.



This Tool in the Aeroflex HDL Design System...	Performs This Task...
HDL Source Analyzer	Checks structural HDL syntax
Delay Calculator	Estimates design timing before layout
Logic Rules Checker	Makes sure the design meets connectivity rules
Tester Rules Checker	Makes sure the design can be tested on Aeroflex UTMC testers
Pin Timing Budget Calculator	Supports timing driven layout

Design Flow in the Aeroflex HDL Design System



COLORADO
 Toll Free: 800-645-8862
 Fax: 719-594-8468

INTERNATIONAL
 Tel: 805-778-9229
 Fax: 805-778-1980

NORTHEAST
 Tel: 603-888-3975
 Fax: 603-888-4585

SE AND MID-ATLANTIC
 Tel: 321-951-4164
 Fax: 321-951-4254

WEST COAST
 Tel: 949-362-2260
 Fax: 949-362-2266

CENTRAL
 Tel: 719-594-8017
 Fax: 719-594-8468



www.aeroflex.com info-ams@aeroflex.com

Aeroflex Colorado Springs, Inc. reserves the right to make changes to any products and services herein at any time without notice. Consult Aeroflex or an authorized sales representative to verify that the information in this data sheet is current before using this product. Aeroflex does not assume any responsibility or liability arising out of the application or use of any product or service described herein, except as expressly agreed to in writing by Aeroflex; nor does the purchase, lease, or use of a product or service from Aeroflex convey a license under any patent rights, copyrights, trademark rights, or any other of the intellectual rights of Aeroflex or of third parties.



Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused