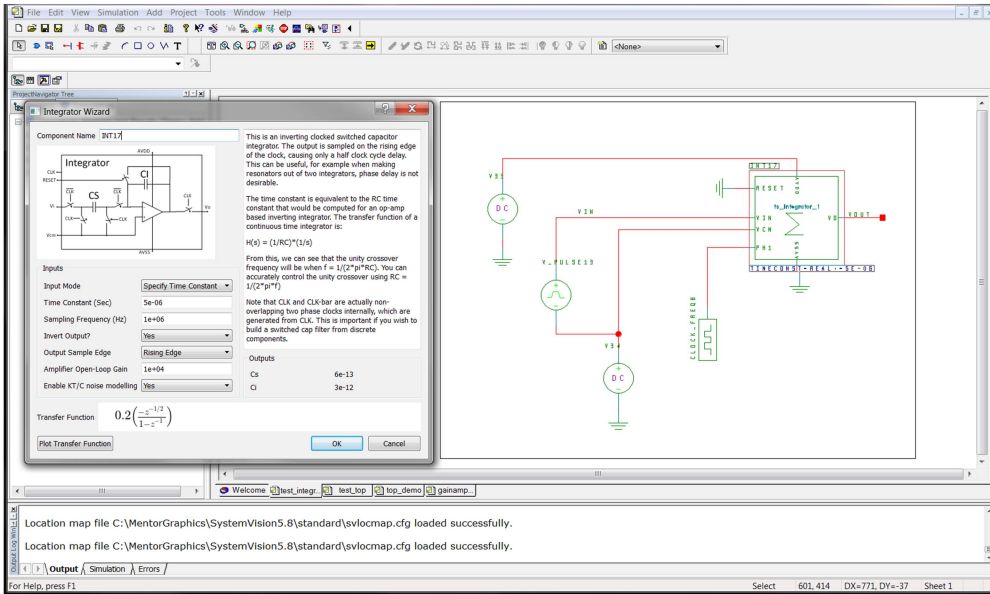# ViaDesigner™
Low Cost Mixed Signal IC Design Environment

Now, you can design your own ViaASICs. ViaDesigner is an inexpensive, easy to use mixed signal design environment build on Mentor Graphics' SystemVision® EDA software that you run on your Windows™ PC. If you can design analog and mixed signal circuits at the PCB-level, you can design your own via configurable ASICs.

ViaASIC Design on Your Desktop

powered by

Mentor Graphics®

ViaDesigner is a complete mixed-signal design and simulation environment. With ViaDesigner you draw schematics of analog and mixed signal circuits like you were targeting a discrete PCB implementation.

The software walks you through the configuration of op-amps, filters, data converters and low level objects like resistors, capacitors, and switches all without the need for detailed IC design know-how. Designs captured and simulated in ViaDesigner can then be submitted to Triad for mapping to Triad's via-configurable array (VCA) technology. ViaDesigner plus VCA implementation is the lowest cost path to mixed signal IC integration.
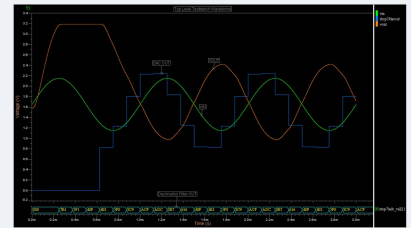
For additional information please visit us at www.triadsemi.com/viadesigner

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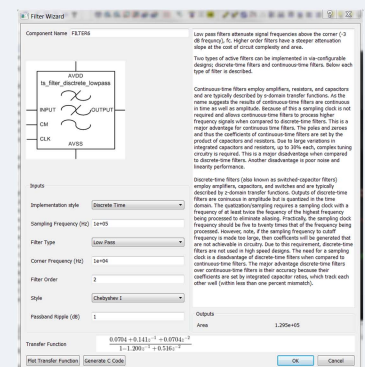
Major features:

- Design mixed-signal custom IC solutions on your desktop

- No full-custom IC design knowledge required

- Capture designs in multiple formats: schematics, VHDL, Verilog or any mix of the above

- Support for high-level analog, digital and mixed-signal simulation using VHDL-AMS, SPICE, Verilog and VHDL mixed-mode simulator

- Easy to use 'Wizards' guide you through the design of analog and mixed-signal blocks

- Extensive and growing design library of mixed-signal resources available on Triad VCAs

System Requirements

Operating Systems:
Windows XP Pro (SP1, SP2); Windows 7

Minimum System Requirements
1.0 GHz clock
512MB RAM
3GB disk space