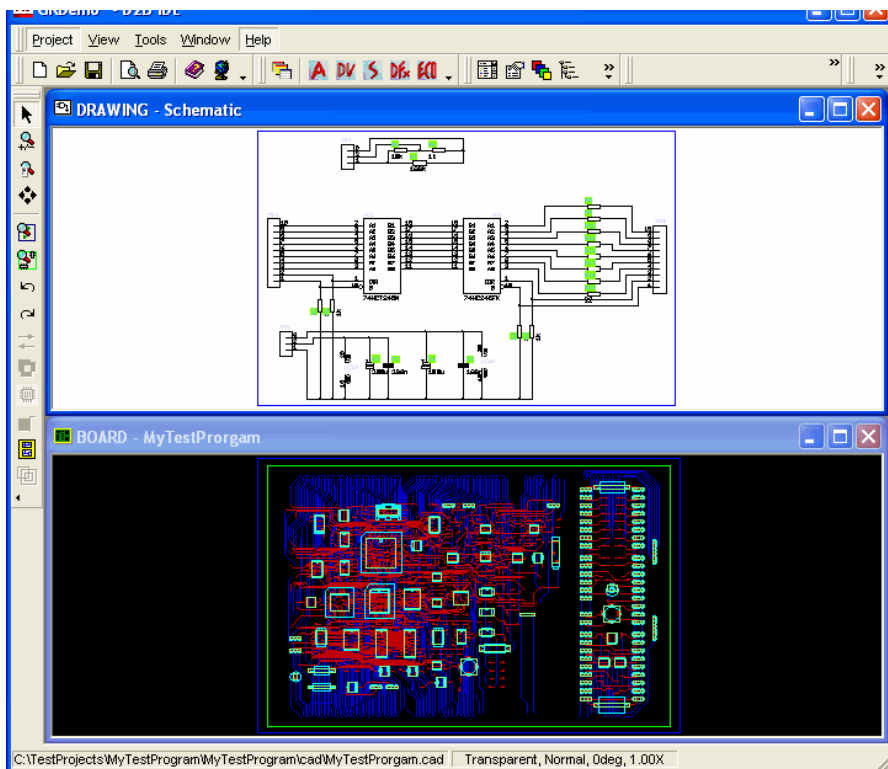


D2B DesignView

Design-to-Build (D2B) - One Tool to Quickly View Physical and Schematic Design Data

KEY FEATURES

- Quickly view and navigate both physical and logical design data providing rapid debug capability
- Improves product quality and shortens time-to-market by providing electronic delivery and online viewing of information
- Easily associates schematic references with physical layout, speeding problem resolution
- Utilizes the industry standard GenCAM (IPC-2510) format, enabling the use of a wide variety of computer aided design tools
- Works seamlessly with Teradyne's full suite of D2B software solutions



D2B DesignView provides schematic viewing and linking of logical and physical design data

Overview

In today's world of electronics manufacturing there is ever increasing pressure to shorten time-to-market, increase quality and reduce cost. Teradyne's D2B DesignView, built on D2B (Design-to-Build) software architecture offers benefits vital to success in an environment of constant change. D2B DesignView helps test engineers and users in manufacturing by enabling them to quickly view and navigate both physical and logical design data, thus eliminating tedious and error-prone information retrieval processes.

By simultaneously displaying and linking both schematic and layout information, D2B DesignView also provides simplified browsing of complex design data, as well as easily indentifying possible fault isolation issues. Product quality is further improved by the online viewing of design data, reducing the need for paper schematics. This same information helps to improve program debug times, as circuit configurations can be easily found on the schematic with a simple click of the mouse. D2B DesignView enables its users to outperform the competition.

D2B DesignView software is powerful - it allows the user to combine schematic page information that is in

labeled HPGL format with the physical layout of the board. This data can then be viewed using the D2B GenCAM viewer. Once the schematic and physical board files have been merged, all components and signals are dynamically linked together, drastically reducing test debug time.

D2B DesignView software is flexible, allowing users to seamlessly manage both physical and logical design data within a common environment. Additionally, users are able to quickly switch between the physical and logical views of the data, depending on the task at hand.

D2B DesignView software has unique features that allow users to search for a component or single by combining both schematic and physical views, and will zoom to the specified item in question automatically. If multiple references exists across a schematic, D2B DesignView will generate and display a system-list, enabling the user to visit each occurrence in turn, which drastically shortens debug time.

D2B DesignView software is a part of Teradyne's Design-to-Build suite of software solutions that enable electronic manufacturers to accelerate designs into manufacturing, and out to market faster than any other design-to-build software solution in the marketplace today.



Teradyne's Design-to-Build (D2B) modular framework