

Resolving Design and Manufacturability issues to save time and money



Exclusive Complimentary Seminar for the Electronics Industry in Singapore

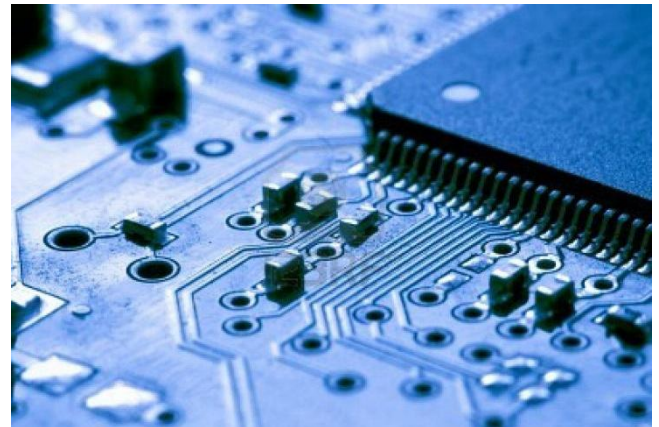
The quest for high-quality products, fast turnaround time and minimal wastage in the Electronics manufacturing industry is getting more complex than ever. How do organizations face these challenges and dynamic market trends? The only way out is to move up the value chain of Productivity, Quality and Profitability!

The importance of Design for Manufacturing (DFM) and integration of design and manufacturing is now crucial for competitive advantage and sustainability. In conjunction with Mentor Graphics, CAD-IT Consultants is proud to bring you this special seminar on how to face the challenges in Electronics manufacturing through Mentor Graphics' Valor suite of solutions.

Participants of this complimentary seminar will learn how their businesses can move up the value chain for DFM design, manufacturing, assembly and test processes for a truly end-to-end flow.

You should attend this seminar if you are:

- an Engineering Manager / Director
- a NPI (New Product Introduction) / Project Manager
- a PCB Specialist / Designer, or
- a DFM Analyst



**Work-Order
Management**



**Setup
Verification**



**Materials
Traceability &
Management**



**Visual Inspection
Analysis & Repair**



**Test data
collection**



**Assembly
Instruction &
RMA**

Benefits of vSure for DFM and vPlan, vManage and vCheck for MES

vSure is a powerful Valor solution for front-end DFM analysis for PCBs and PCBAs. Many leading electronic design companies have found that concurrent use of a comprehensive DFM verification tool with their PCB design process saves them expensive revision spin costs, and improve the quality of final product to ultimately reducing time-to-market and wastage.

vSure uses a Design Centre concept to allow customisation of the DFM process flow, attribute mapping, component classification, and set-up and management of manufacturing rules files. It analyses PCB designs with more than

- 275 fabrication checks
- 250 assembly checks
- 100 advanced substrate checks
- 40 microvia checks
- 30 panel checks
- and more...

Valor's MSS suite of solutions for Manufacturing Executive Systems (MES) include **vPlan**, **vManage** and **vCheck**, which is a complete shop-floor package designed to integrate solutions for seamless operations to assist manufacturers in the design, planning, monitoring, control, scheduling, box build, traceability, test and rework processes of PSB assembly operations.

Testimonials

Without Valor, we would not have been able to make our 20% Year-on-Year growth target.

-Charlie Scott, President, Computrol

Valor's suite of design and manufacturing solutions is able to support quick NPI requirements.

-Peter Gee, Process Engineering Manager, Sanmina-SCI Systems

Before Valor software solutions were put into place, Assel engineers spent an average of 2-3 hours per NPI. This slowed down the NPI process and stopped production by using valuable line time. Now with vPlan, Assel has eliminated all sticky tape runs 100%, enabling the engineers to both find and correct any position or rotation problem and instantly output the corrected program files.

-Engineer, Assel

Through the use of Valor, a lot of time is saved in production by eliminating part-to-pad mismatched before they can occur on the shop-floor.

-Massimo Lanza, Product Manager, Roj

The more tear downs and set ups per day, the greater the opportunity for problems, slow downs, and errors. This is where Valor's smart software solution is required for success.

-Farid Anani, Manufacturing Manager, Computrol

Seminar Outline

Resolving design and manufacturability issues to save time and money

- 1 CAD-IT's integrated solutions for the Electronics industry**
- 2 Tackling challenges in the Electronics manufacturing industry - the ROI approach**
- 3 The need for DFM and integrated MES systems for value chain creation**
- 4 Tea break and Q & A**

Seminar Information


Date : 21 December 2011
Time : 10.00 am - 12.00 pm
Venue : CAD-IT Consultants (Asia) Pte Ltd, Training Room 1
: 159 Sin Ming Road, #03-05 Amtech Building, Singapore 575625 ([view map](#))

- This seminar is **free of charge**.
- Seats are limited. Please register early to avoid disappointment. To register, please click [here](#).
- CAD-IT Consultants reserves the right to cancel or postpone any event due to unforeseen circumstances.

Enquiries

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