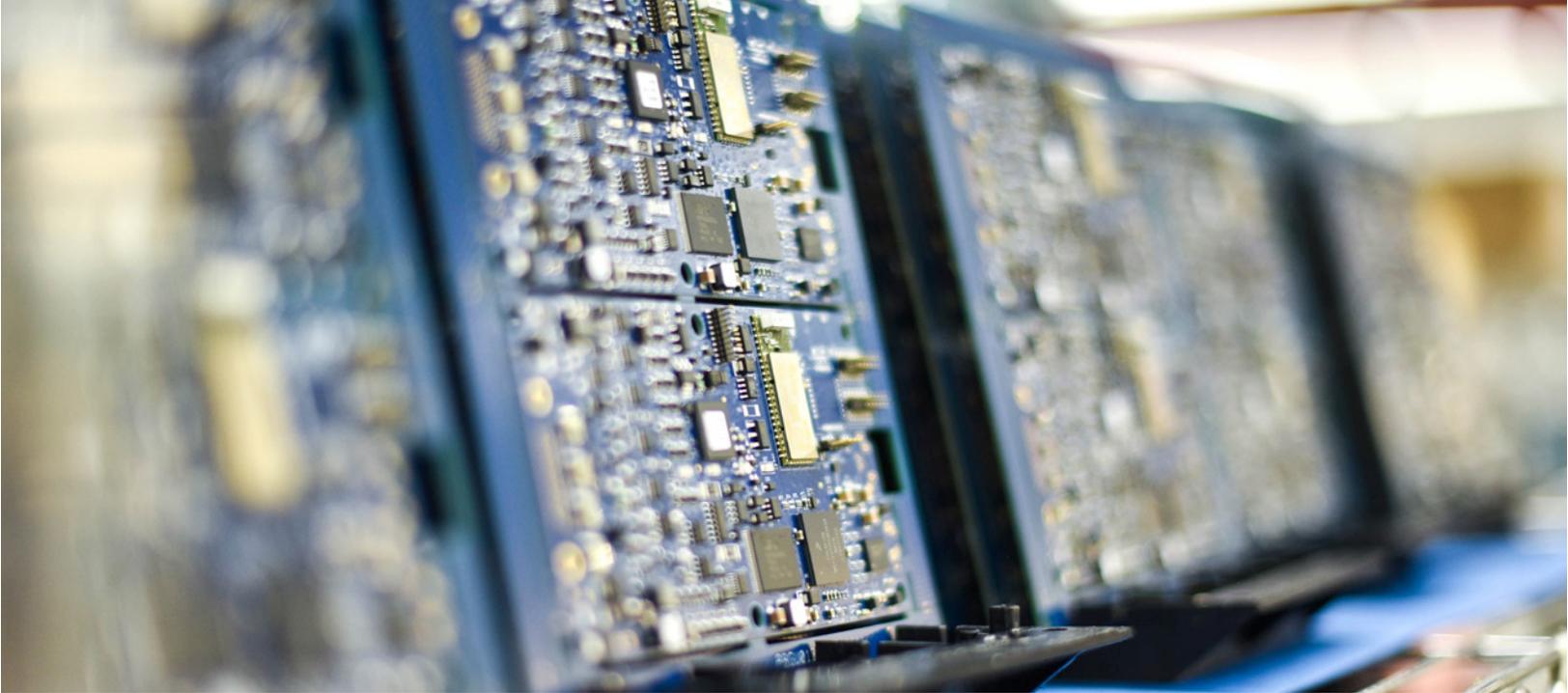


# Save time and money with value-added DFMs from Saline Lectronics

[www.lectronics.net](http://www.lectronics.net)





As good as your printed circuit board designs are, chances are they are not always perfect. Few are. That's why it's so important for PCBA manufacturers to validate component spacing, pad size and solder joints along with other aspects of your footprints before assembly begins.

Unfortunately, it's labor intensive – and expensive – for PCBA manufacturers to manually check every part in your design. And it costs you even more, in both money and time, if your design needs to be reworked after production has begun.

## Don't risk a board turn or extensive rework.

Fortunately, Saline Lectronics has a solution. By using the innovative Valor NPI (New Product Introduction) software from Mentor Graphics, Saline Lectronics runs an automated scan of your design. The software empowers faster, more comprehensive analysis and optimization of board designs and components, shortening the time for design review and providing more robust Design for Manufacturability (DFM) feedback.

In just a fraction of the time it takes to do a manual review, Valor NPI software automatically validates your data. With Valor NPI, Saline Lectronics gives you detailed DFMs with clear images so that you can see where any problems are and how to correct them.

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**“Valor offers a highly accurate and efficient double-check of the files. It greatly reduces the possibility of human error.”**

STEVE TEGLEN, PRE-PRODUCTON ENGINEER  
SALINE LECTRONICS, INC.

### BENEFITS OF VALOR NPI

- shorter time to production
- fewer problems and delays
- reduction of costly material scrap
- on-time product delivery

“Reviewing files is something we have always done but not to the detail that we’re doing with Valor NPI,” said Steve Telgen, pre-production engineer at Saline Lectronics. “Our new Valor NPI software can analyze absolutely every single footprint on the design. It is a very accurate and efficient double-check of the files. It greatly reduces the possibility of human error.”

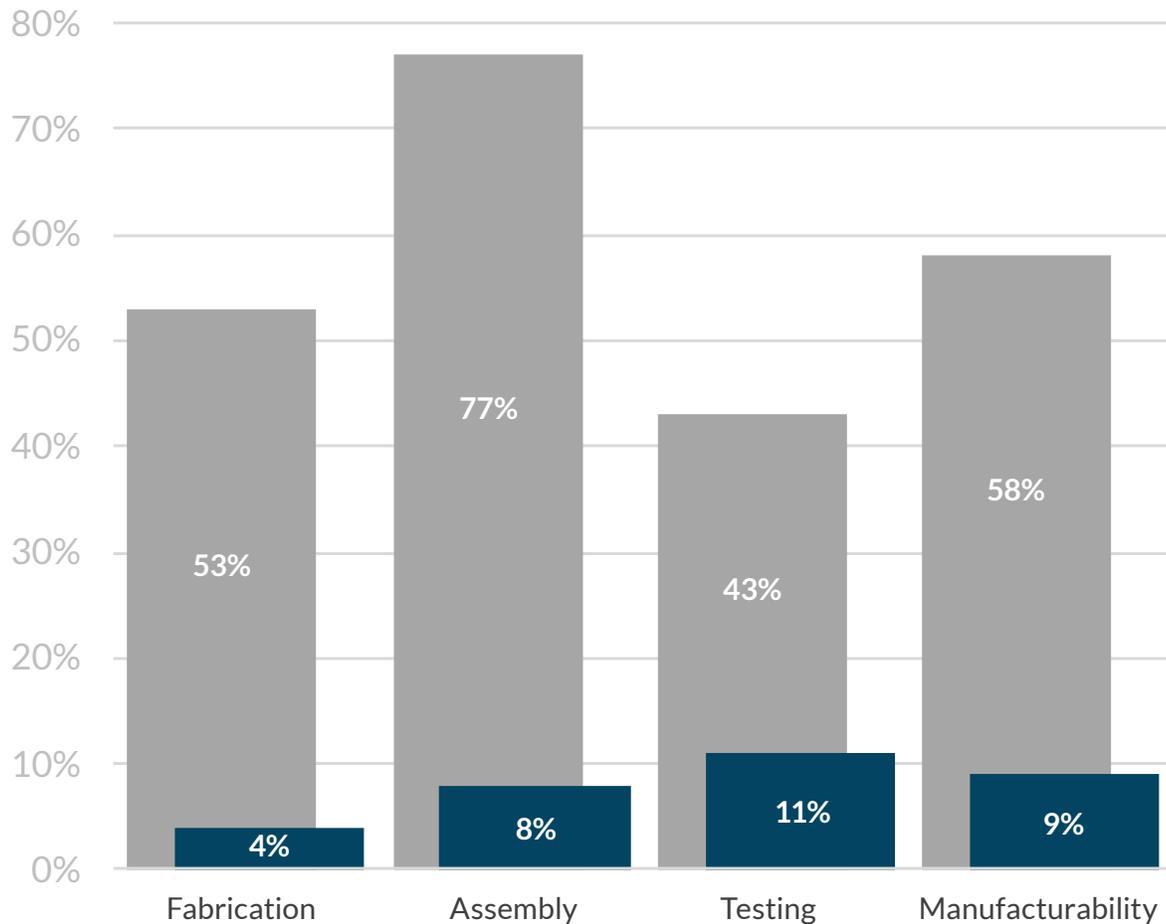
Valor NPI takes your PCBA design and quickly matches it to manufacturer capabilities, identifying any potential problems before production begins. That improves the flow from design to manufacturing and gives you confidence that assembly will proceed without a hitch- so you don’t bear the headaches and expense of incorrect parts and production downtime.

**“Our level of confidence with respect to producing a defect-free product has increased dramatically.”**

CRYSTAL FREEMAN, ASSISTANT VICE PRESIDENT OF SALES  
SALINE LECTRONICS, INC.

## MAJOR PRODUCTION ISSUES

■ VALOR ■ ALL OTHERS



It only takes one minor discrepancy to bring the entire production line to a grinding halt. Valor NPI ensures that your PCBAs will be manufactured right the first time. By eliminating any problems at the outset, you'll experience higher yields, reduced material scrap, on-time product delivery and the ultimate in product quality and reliability.

“Historically we have been very reactionary, and now we’re looking at things before they reach the production line. We have been able to identify errors before we assemble the first PCBA,” said David Cusumano, vice president of engineering at Saline Lectronics. “We strive for perfection and now that we’ve got Valor and we’re checking everything, we are much closer to that point of perfection.”

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**“Saline Lectronics can now virtually verify a PCBA is fit for fabrication and assembly, plus provide value-added design analysis services to grow partnerships with customers and build better products.”**

RICK TRUZA, ACCOUNT MANAGER  
OASIS SALES

[www.lectronics.net](http://www.lectronics.net)



SALINE  
**LECTRONICS**  
ELECTRONIC CONTRACT MANUFACTURER

