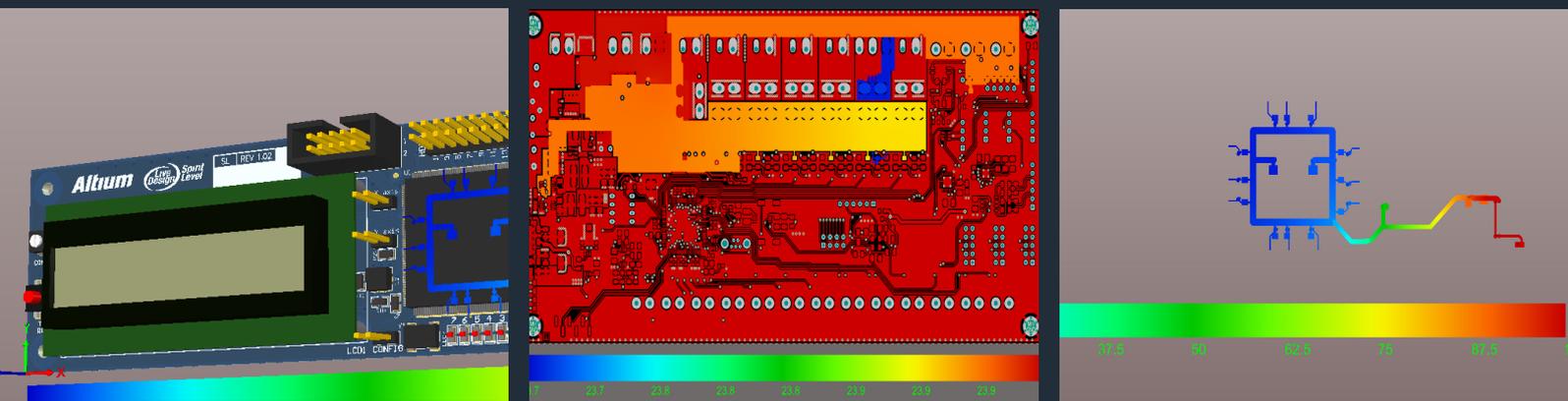


# POWER DISTRIBUTION

# NETWORK SIMULATION

# SERVICE



## Reliable electronics demand reliable power distribution

Identify and mitigate power distribution bottlenecks during design – not at testing. With a proper simulation you ensure stable voltages and compliant current densities at an early design stage avoiding costly redesign cycles during prototyping and testing.

# RELIABLE POWER DISTRIBUTION

## Let us take care of it!

Increasing component density and tighter supply voltage tolerances of electronic components in today's printed circuit boards render the power distribution network (PDN) a crucial part of the whole design. **PDN simulations during the design phase of the PCBs** are the key to avoid costly and time-consuming redesign cycles during prototyping and testing phases of your product. **Detecting and mitigating power distribution bottlenecks at an early stage** of the product development cycle is vital to keep up with the project plan and meet the time-to-market goals. Do not spend your valuable engineering time and resources on getting familiar with the simulation features and functions.

We do it for you while you can focus on what you can do best: be creative and design.

## Our PDN simulation service is based on a holistic approach and focuses on your project during the whole process:

- All necessary simulation parameters and relevant component parameters are defined with you.
- We prepare the simulation environment based on your Altium Designer data and inputs. No import/export nor any 3rd party software is required.
- Before running the simulations we review the setup with you.
- The simulation results including suggestions on how to mitigate possible bottlenecks are presented and documented in detail using a simulation report. The document pinpoints the possible problems in 2D/3D visualization as well as gives you a clear indication what enhancements are recommended.
- To proof the effectiveness of your improvements, we incorporate the changes, rerun the simulation, and a report is provided before and after analysis.

### Note:

Final price of this simulation service might be different based on your projects' needs and will be offered once your design review is completed.

Order our PDN simulation service quickly & easily in our webshop!

Or contact our Service Center directly:



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