Kitron

Your ambition. Our passion.

NPI (New Product Introduction) design validation

Kitron offers a comprehensive PCB design rule check using the market leading Valor NPI software, to enable efficient and cost effective product introductions through DFM validation concurrent with the EDA flow.

Valor NPI enables us through attribute driven DFM checks to minimize design revision spins, improve time to market, reduce design cost, optimize product cost and quality, and detect manufacturing risks earlier in the EDA process than normally possible.
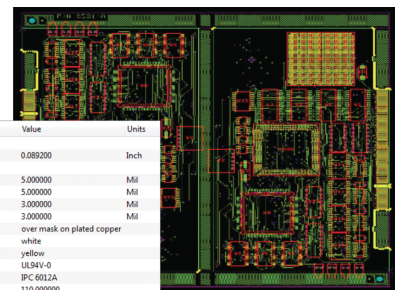
Key benefits

▸ Enables concurrent DFM optimization in design
▸ Delivers leading DFM technology for minimum design-revision spins in NPI and ramp-to-volume
▸ Provides final generation and validation of the PCBA product-model for manufacturing
▸ Supports PCB fabrication, assembly and test
▸ Facilitates an integrated NPI flow from designer's desktop into process preparation
▸ Utilizes the ODB++ intelligent data format to optimize data exchange between design, fabrication, assembly and test.

The following services are available:

Available DFM Checks in

▸ Fiducial analysis
▸ Component analysis
▸ Padstack analysis
▸ Testpoint analysis
▸ Solderpaste analysis
▸ Netlist analysis
▸ RTechnical report and interactive share list with all details and severity rankings.

Preferred data formats

▸ ODB++ generated as full, complete fabrication and assembly data (mandatory)
▸ PCB specification (optional)
▸ Bill of material (optional)