



SCHEMATIC INTEGRITY AI ANALYSIS

Verification of schematic designs was never faster and more affordable. Schematic integrity AI analysis by Sintecs is fully automated and scalable. It helps your engineering team to minimize the probability of errors in electric schematic diagrams and to save valuable time and resources.

BENEFITS OF USING SCHEMATIC INTEGRITY AI ANALYSIS



Higher reliability
of end products



Fewer prototyping
re-spins



Less debugging
and redesigning



Allows faster products
release

Share with Sintecs your latest schematic design's netlist and a bill of materials (BOM). The AI engine then will analyze the schematic diagram, comparing it to a set of requirements and standards defined in the various specifications in the existing database. Missing specifications will be added. And if the AI finds any discrepancies or inconsistencies, it will flag them

for further review by an engineer.

From a technological point of view, schematic integrity AI analysis as an R&D stage is able to successfully replace both manual cross-verification between different hardware engineers and checklists checkups, saving days and weeks of valuable working time and bringing close product release date.

SCHEMATIC INTEGRITY AI ANALYSIS AS A SERVICE



Easy to request,
cross-platform

Prepare just 2 files: BOM and netlist.

Netlist formats:

- QCV for Siemens EDA
- Telesis or Protel for Altium
- .dat for OrCAD or Allegro
- "netlist" or "partlist" for Eagle
- Default netlist for KiCAD



Flexibility

Schematic integrity AI analysis by Sintecs comes with a set of services able to relieve your engineering team and raise the project's reliability level:

- Schematic design correction
- Schematic design manual check
- BOM availability check
- Manual errata's control
- PCB layout design



Fast results

First report will be delivered within 2-4 working days. Improved report may be generated within following days.



Reasonable cost

Ask Sintecs managers for details.

ABOUT SINTECS

Sintecs is an established leader in the high-speed electronics industry, with over 23 years of experience in signal and power integrity, PCB layout, embedded software, and hardware engineering. We specialize in providing exceptional support for electronic designs, from ideation to the creation of a First-Time-Right prototype for your new product.

Our engineers possess an immense level of expertise, honed over many years of successful project delivery, which we bring to bear on every project we undertake. We are dedicated to ensuring our clients' complete satisfaction. Contact us today to see how we can help you achieve your electronic design goals.



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