PCBFLOW

Connects designers and manufacturers for instant PCB DFM analysis

PCBflow is an online tool and collaboration space that accelerates the design-to-manufacturing handoff process by connecting designers directly with manufacturers.

PCBflow enables a DFM analysis using the current constraints for a specific manufacturer during the early stages of the design process, reducing design iterations, costs and time-to-market.

Why Choose PCBFlow?

Allows you to save time and costs

You can create mature designs earlier in the design-to-manufacturing handoff process by addressing manufacturability issues already during the design phase. PCBflow is a DFM PCB solution that guides designers through manufacturability design errors, including manufacturing risk analysis.

Connects designers and manufacturers

Performs specific PCB DFM (design for manufacturing) analysis based on the actual process capabilities of a chosen manufacturer. PCBflow allows designers to review and track updates in the context of design violations, minimizing back-and-forth with manufacturing partners and making it simple to validate and optimize designs.

It is fast and easy

As a cloud-based tool, PCBflow requires no installation or configuration. Designers can simply upload ODB++, IPC2581, or Gerber274x files into the secure cloud environment and select one or more manufacturers to apply process capabilities to the DFM analysis.

Secure cloud environment

PCBflow incorporates the strict security standards of Siemens software, reducing risk and protecting intellectual property (IP). With PCBflow, designers can run PCB DFM analysis safely in a secure cloud environment with no IT investment.
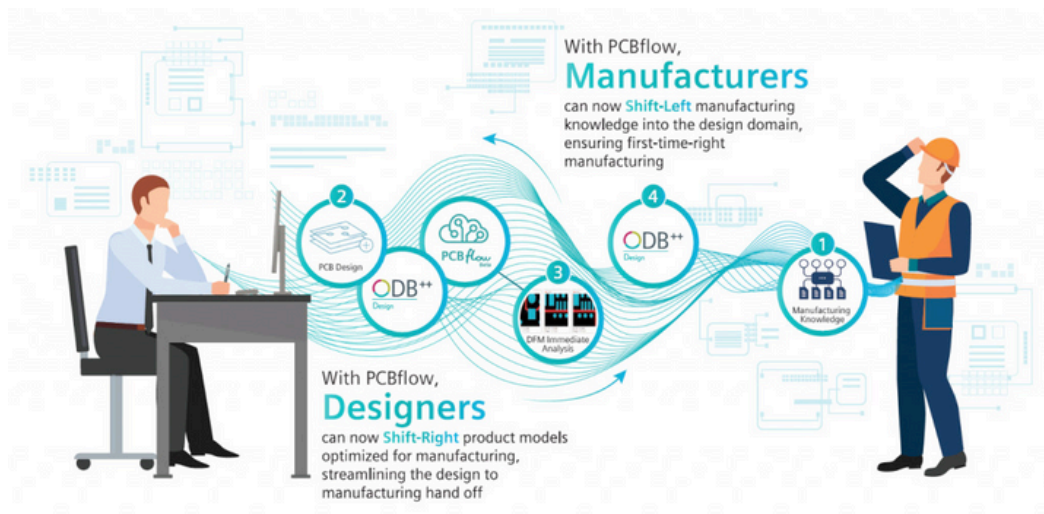
"With PCBflow, manufacturers can prevent losses related to false production, reduce repairs by 80% and free up to ~600 engineering and quality hours per year – hours that can be invested in innovation and improvement".

Evgeny Makhline, Nistec CTO.

The online solution for DFM linking designers and manufacturers

PCBflow accelerates the transition from design to manufacturing by providing a secure environment where PCB design teams and manufacturers can connect to share and collaborate and instantly deliver designs to production.

With PCBflow,
Manufacturers
can now Shift-Left manufacturing knowledge into the design domain, ensuring first-time-right manufacturing

With PCBflow,
Designers
can now Shift-Right product models optimized for manufacturing, streamlining the design to manufacturing hand off

PCBflow is a broad collaborative platform

Designed to simplify collaboration and streamline the design-to-manufacturing process. Designers and manufacturers can connect to share and collaborate on the platform, and instantly deliver designs to production

BOM Sourcing & Quick Pricing

Designers can now immediately get an accurate price estimate for the manufacturing and assembly of any design, simply by requesting a QuickPrice from within PCBflow, powered by Boardera.

Smart, Self-explanatory & Interactive

DFM report includes critical violations, filtering, statistics, summary tables, and error grouping. Users can easily fully investigate the DFM analysis with an interactive result viewer.

Allows You to Get to Market Faster

Saves time and costs in the process of moving from design to production by addressing manufacturability issues during the design.