

Pulsonix Advanced Autorouter

Powerful Adaptive Routing Algorithm

The Pulsonix Advanced Autorouter delivers an extra dimension of autorouting performance for Pulsonix users with fast, high completion rate autorouting on the most densely packed, multilayer PCB designs. A high performance router delivering minimal overall track lengths and via counts; the Pulsonix autorouter provides the ideal routing solution for large or complex designs.

Using a modern multipass costbased conflict reduction algorithm to find a routing solution adapting to the natural flow of the nets. Adaptive routing algorithm is the only proven approach to reach high completion rates on the modern generation of designs. The Pulsonix autorouter gives you the quality of routing results frequently associated with manually routed designs. Plus, speed and completion rates normally only associated with autorouters much more expensive.

The Pulsonix autorouter is integrated into the Pulsonix PCB design environment, so, no exporting of designs or importing results. Just click and run.

Features:

- Tightly integrated into the Pulsonix PCB design environment
- Gridless routing of up to 256 layers
- Shape-based architecture
- Modern multi-png algorithm
- Highly efficient, fast and intelligent with high completion rates
- Unlimited Power Plane layers
- Route by net class, all design or selected nets/Components
- Via size by net class
- SMD escape fanout control
- Routes SMDs on both sides of the board
- Supports embedded component technology
- Memory routing pass
- Split/full Plane/Ground Planes support
- Supports pre-defined breakout patterns
- Customisable cost factors
- Post-route cleanup optimisation
- Runs existing &DO& strategy files
- Four product variants available

