PCB Footprint Expert

- Upgrade entire library
  - Move to an IPC compatible library
  - Advanced unparalleled CAD LEAP™ Technology
  - Parts on Demand database (more than 2 million parts) with POD subscription
  - Metric and Imperial interchangeability
  - Easily apply consistency to libraries
    - People with various skills created library
    - Different rules used over time
    - Library developed over many years
  - Easily build consistent, high-quality parts

Automate
- Output more than 25 types of CAD formats
- Footprints from datasheets
- 3D models over 50 different device families
- PADS to CAD translator

Rotations
- Pad Shapes
  - Round Rectangle
  - Oblong
  - D-Shape

Environments
- Footprint Elements
- JEDEC Dimensions

Create new encapsulations save up to 95% time and rebuild complete library save 99.9%
MASTER
Quickly become an expert at PCB libraries. Regardless of your skill level, with PCB Libraries backing you up, you create high-quality PCB libraries that look like they were created by professionals with decades of experience. Well, in a sense - they were!

MICRO/MACRO FOCUS
Establish specific library parameters across division. Regardless of your management requirements, you can easily establish and adjust constraints on rules and preferences so everybody builds consistent quality parts that look like they were created by a single professional designer.

MIGRATE
Migrate libraries to a different CAD format much faster. The PCB Library Expert interfaces with popular CAD tools. Need your libraries in a different CAD format? Open the “master” library in the Library Expert and export!

MAXIMIZE
Max-out both quality and efficiency. If you dare, the Library Expert promises to help you maximize both. That’s right – you don’t have to increase one at the cost of the other.

MONETARY BENEFITS
A solution that pays for itself, often after 2 or 3 projects! PCB Library Expert creates PCB library parts in a fraction of the time compared with manual editing. There are many elements that go into the creation of a high quality library part and the PCB Library Expert auto-calculates and generates everything down to the finest details.

集中修改
Modify any of hundreds of preferences and rebuild your entire library in seconds.
Units (Mils, Micrometers, Inches and Millimeters)
✓ Pad Shape (Rectangle or Rounded, Oblong, D-Shape)
✓ Rotation (Pin 1 Up, Left, Right or Down)
✓ Origin (Centric or Pin 1)
✓ Environment Level (Least, Nominal, Most, User)
✓ Silkscreen Line Width and Pad to Silkscreen Gap
✓ Minimum Pad to Pad Gap or Pad to Thermal Pad Gap
✓ Paste Mask Reduction for Thermal Pads
✓ Solder Mask Swell or Solder Mask Defined Pads
✓ Map Silkscreen and Assembly Outlines to Nominal or Maximum Component Body

管理
Central repository of PCB library data.
Easily manage all library data, created by different people with different skills and tendencies, in a central location on your network. All have easy access to browse, search, and quality control the data files with the FREE Library Expert.

维护
Accurate library data at your fingertips.
Add new component package and logic data to your database in a snap! Sort data by any attribute field - predefined or custom-made! Or just leave the data organized in one of dozens of component families.

制造
Minimize cost of manufacture.
By creating high quality designs the first time, you reduce the work and costs associated with design re-spins.

联系获得技术支持与软件
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