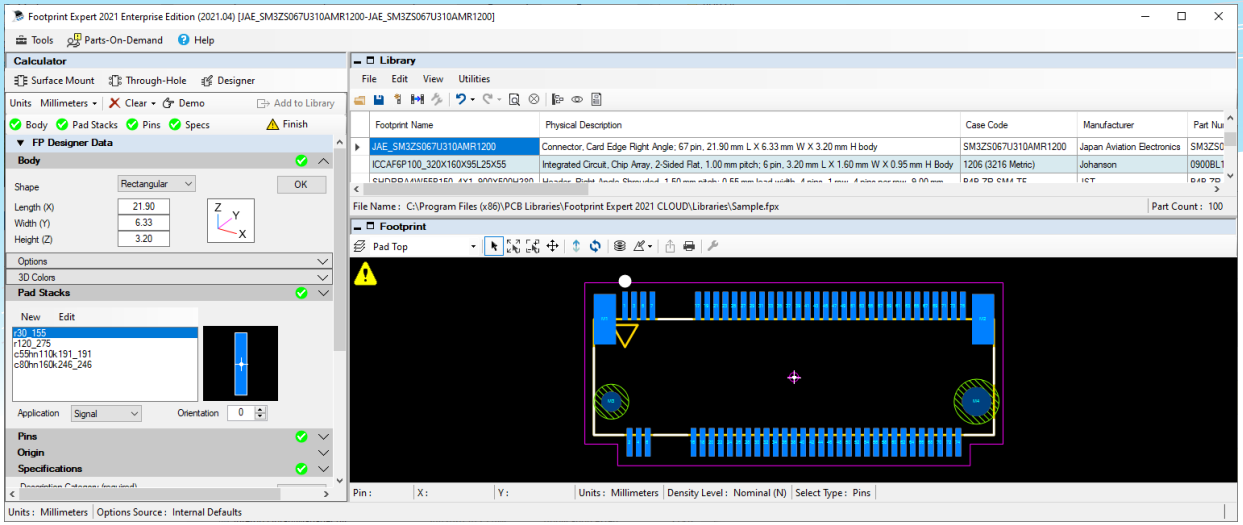
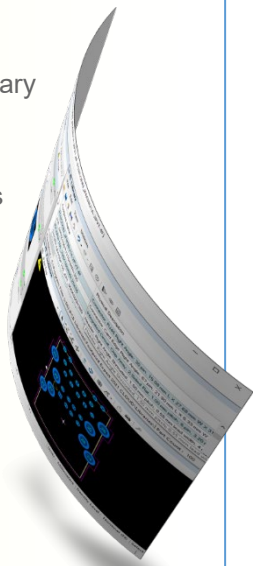
PCB Footprint Expert

SAVES UP TO *95%* TIME ON NEW PARTS & *99.9%* ON REBUILDING ENTIRE LIBRARIES!



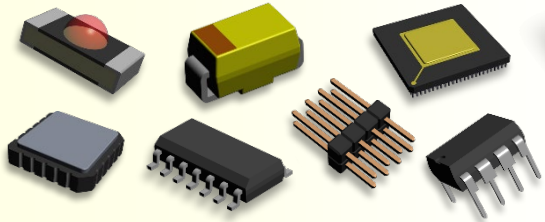
UPGRADE YOUR ENTIRE LIBRARY

- ✓ Migrate to an IPC-compliant library
- ✓ Advanced, unparalleled **CAD LEAP™ Technology**
- ✓ **Parts on Demand** database (over 2 million parts) with POD subscription
- ✓ Transition from Inch to Metric
- ✓ 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



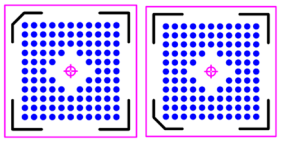
AUTOMATION

- *Output to 25 different CAD formats*
- *Footprints from datasheets*
- *3D STEP (50+ component families)*
- *PADS to CAD translator*

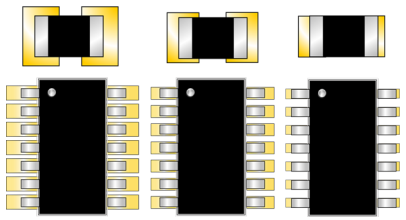


SIEMENS · cadence · ZUKEN · Altium · pure engineering INTERCEPT · KiCad · NOVARM DIPTRACE · PULSONIX · SoloPCB Design Software · McCAD · CADint · PROTEUS · SolidWorks · TARGET 3001!

CHAOS SIMPLIFIED!



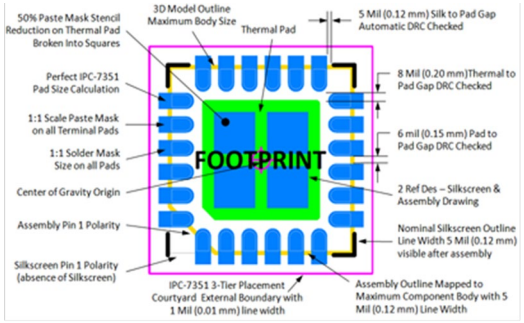
ROTATIONS



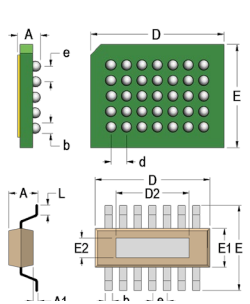
ENVIRONMENTS

PAD SHAPES

Rectangle *Oblong* *D-Shape* *Rounded Rectangle*



FOOTPRINT ELEMENTS



JEDEC DIMENSIONS

Windows 10

PCB Libraries

Contact us for FREE demos and training!

PCB Libraries, Inc. - 39506 N. Daisy Mountain Drive, #122-117 - Anthem, AZ 85086

v20200824

PCB Footprint Expert

THE *MOST TRUSTED, AFFORDABLE* AND *HIGHEST QUALITY* FOOTPRINT BUILDER IN THE INDUSTRY

MASS-MODIFY

Modify any of hundreds of preferences and rebuild your *entire* library in seconds.

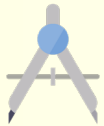
Units (Mils, Micrometers, Inches and Millimeters)

- ✓ 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

MANAGE

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.



MAINTAIN

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.

MANUFACTURE

Minimize cost of manufacture.

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

MASTER

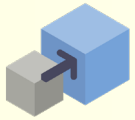
Quickly become an expert at PCB libraries.

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.

FREE Footprint Expert at www.PCBLibraries.com

(some features listed above require purchase)

PCB Libraries