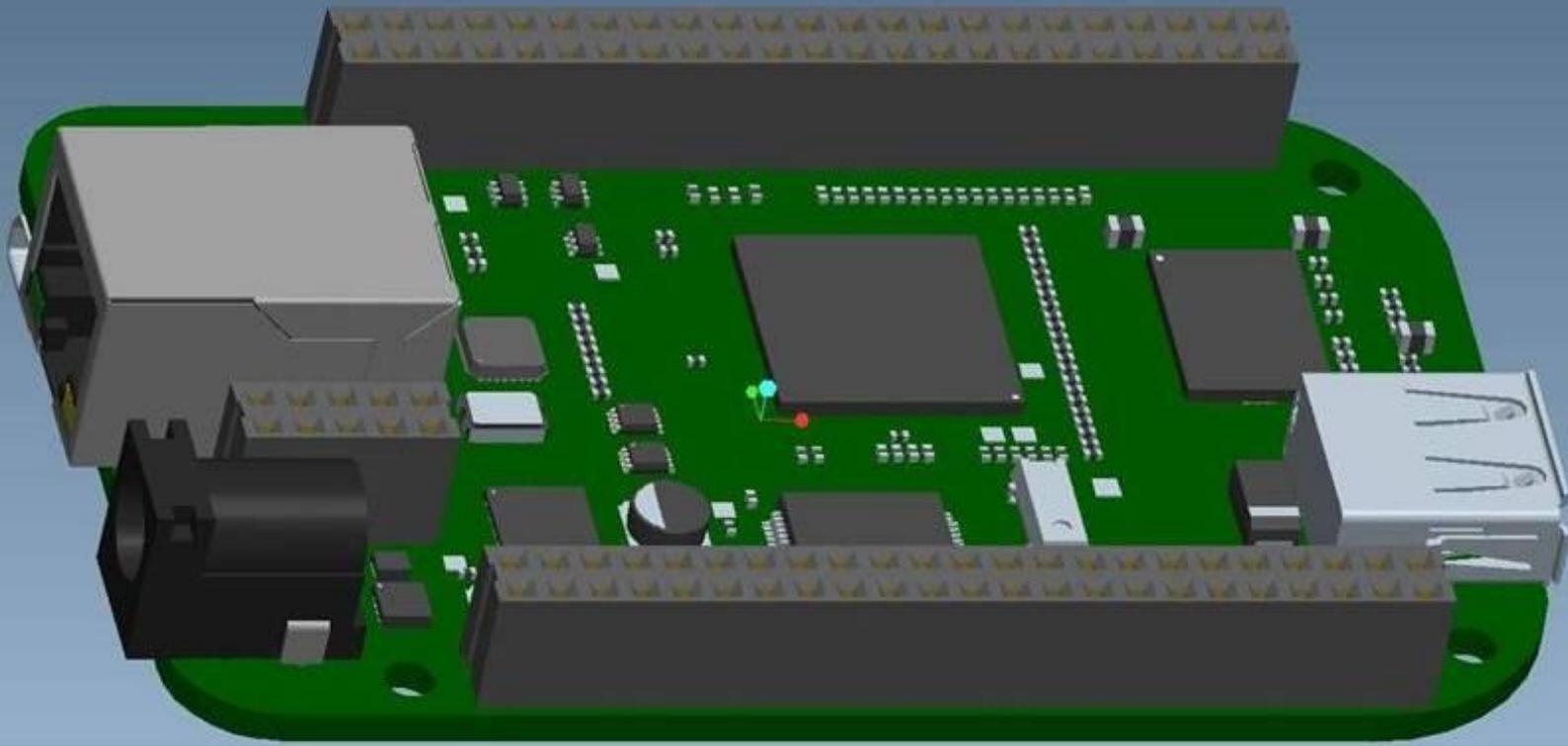


# IDF-TO-3D



## Generate 3D PCBs in 1-2 hours without MCAD Tools

**IDF-TO-3D is a powerful new web based product that allows Electrical Designers and Engineers to create 3D PCBs in STEP format in as little as 1-2 hours. Future 3D PCB iterations and 3D designs can be generated even faster.**

The 3D PCBs you create can be downloaded in STEP format and imported into all major MCAD tools. Mechanical Engineers can use the 3D PCBs to complete interference (crash) checks between the PCB geometry and the product casings, complete more detailed thermal and shock analysis, and create better documentation of the PCB geometry.

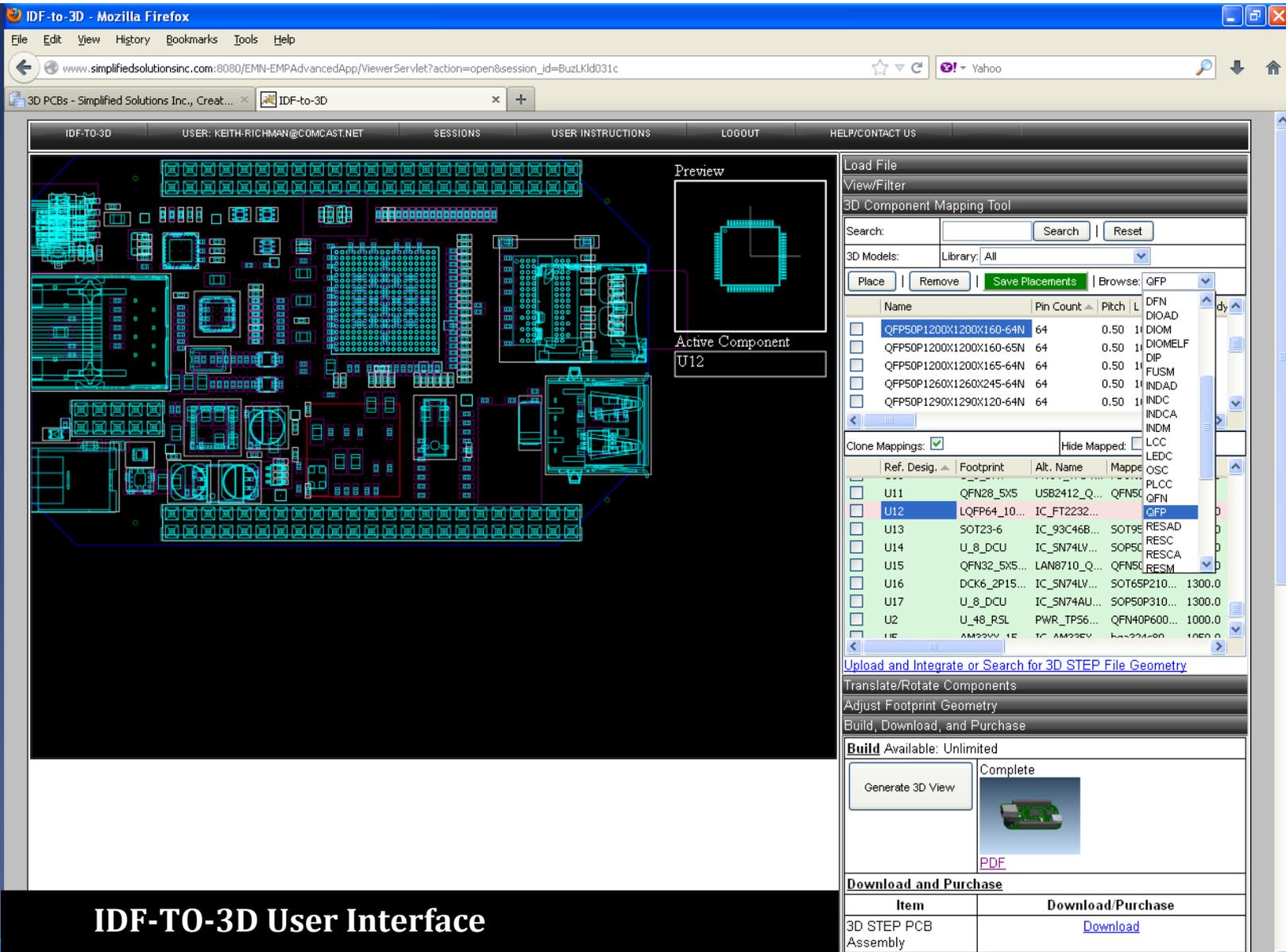
To get started, upload your IDF (Intermediate Data Format) files to IDF-TO-3D and immediately start creating your 3D PCB. Map your 2D footprint geometry to our large library of 3D component models. Component 3D STEP files downloaded from vendors or created in MCAD can also be uploaded and integrated into IDF-TO-3D.

The use of IDF-TO-3D is free. A 3D PDF of your 3D PCB can also be viewed for free.

### IDF-TO-3D Workflow:

- Import your IDF files into the IDF-TO-3D Viewer.
- Map your footprint to our 3D Library Components.
- Upload STEP files of additional 3D models as required. Map the new 3D models to footprints on your PCB.
- 3D Components can be reoriented or translated as required to match your ECAD footprint orientation and origin location.
- Generate your 3D view.
- View the free 3D PDF. The 3D PDF can be rotated to view the rear side of the 3D PCB.
- The user can purchase/download the 3D STEP geometry or have a 3D Printer Prototype generated.

# IDF-TO-3D



**IDF-TO-3D User Interface**

**Product Features:**

- IDF-TO-3D includes a shared 3D Library containing 2,000+ 3D PCB Models of Common Component Packages. Additional 3D models can be uploaded into your own personal library via our STEP upload tool.
- 3D Geometry can be translated or rotated to properly align with the matching component on the PCB.
- Future PCB iterations/designs automatically incorporate 3D model selections as well as rotation and translation modifications from previous work sessions.
- The use of IDF-TO-3D is free. A 3D PDF of your 3D PCB can also be viewed for free.

**Purchase Options:**

- Individual 3D PCB STEP files can be purchased within the IDF-TO-3D tool.
- One-year subscriptions for unlimited 3D PCB STEP downloads are available.
- Multiple users within the same corporation can have their personal user libraries tied together in a shared library.
- Our 3D Component Modeling Service is available. Submit a PDF datasheet and we build the 3D model and add it to your personal user library. Subscriptions can be purchased for blocks of 20 or 100 3D models.

Item	Download/Purchase
3D STEP PCB Assembly	<a href="#">Download</a>